



# MILWAUKEE COUNTY COURTHOUSE PROJECT

## FINAL REPORT

February 8, 2016



Justice  
Planning  
Associates, Inc.



IBC  
ENGINEERING  
SERVICES, INC.

# MILWAUKEE COUNTY COURTHOUSE PROJECT

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## ACKNOWLEDGEMENTS

Hammel, Green and Abrahamson Architects, Justice Planning Associates, and IBC Engineering wish to gratefully acknowledge the many Court and agency personnel who contributed their time and thoughtfulness to the Milwaukee County Courthouse Project. Specific acknowledgement is extended to the Project Advisory Group members, and their designees, who met at regular intervals during the planning study.

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# MILWAUKEE COUNTY COURTHOUSE PROJECT

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## TABLE OF CONTENTS

### EXECUTIVE SUMMARY

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<i>Overview</i> .....	Page 1
<i>Project Visioning and Goal Setting</i> .....	Page 1
<i>Conclusions and Recommendations</i> .....	Page 2
<i>Executive Summary Organization</i> .....	Page 6
<i>Final Report Organization</i> .....	Page 6
<i>Section A: Needs Assessment</i> .....	Page 8
<i>Section B: Resource Evaluation</i> .....	Page 11
<i>Section C: Strategic Plan Development</i> .....	Page 16

### DETAILED ANALYSIS

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<i>Overview</i> .....	Page 33
<i>Section A: System Factors</i> .....	Page 35
<i>Section B: Circuit Court Analysis and Projections</i> .....	Page 56
<i>Section C: Staff Projections</i> .....	Page 88
<i>Section D: Space Standards</i> .....	Page 119
<i>Section E: Component Evaluations</i> .....	Page 133
<i>Section F: Scenarios and Cost Estimates</i> .....	Page 156

### APPENDICES

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<i>Appendix A: Site Diagrams and Floorplans</i> .....	Appendix A: Page 1
<i>Appendix B: Engineering Report</i> .....	Separate Document



**EXECUTIVE SUMMARY**

**OVERVIEW AND RECOMMENDATIONS**

**OVERVIEW**

On May 1, 2015, the Milwaukee County Department of Administrative Services (DAS) issued a Request for Proposals for a Milwaukee County Courthouse Planning Program Statement. The primary goal of the study was to establish the highest and best use of Milwaukee County’s Historic 1932 Courthouse. The study would develop a statement for court-related functions located in the Courthouse, Safety Building, and Vel Phillips Juvenile Justice Center.

The team of Hammel, Green and Abrahamson Architects (HGA) in association with Justice Planning Associates (JPA) and IBC Engineering (IBC) was selected to perform the project. A kick-off meeting with the Project Advisory Group was held on August 5, 2015. Members of the Project Advisory Group are noted on the Acknowledgements page. Departmental interviews and on-site visits were conducted in August and September. Interim reports were presented to the Project Advisory Group on October 14<sup>th</sup>, November 17<sup>th</sup>, and January 13<sup>th</sup>. This final report documents the analyses, conclusions, and recommendations of the project.

**PROJECT VISIONING AND GOAL SETTING**

The project began with a visioning and goal setting exercise conducted by members of the Project Advisory Group. Members noted numerous concerns and issues, including:

- Unsafe, outdated, and inefficient inmate movement
- Potential liability issues and associated costs
- Current facilities impede functionality
- Criminal Clerk serves courts in three different buildings
- Public orientation and wayfinding issues among the different courts and facilities
- Serious health-related concerns about the Safety Building
- Overcrowded conditions for staff
- Lack of appropriate support spaces, such as conference rooms and waiting areas
- Poor conditions for jurors
- Many spaces are noncompliant with the Americans with Disabilities Act
- High maintenance costs, including extensive deferred maintenance
- MacArthur Square is underutilized and poorly maintained
- Potential opportunity to consolidate the Children’s Court (located in Wauwatosa) with the downtown courts

Based on this input, as well as on successive discussions with project participants, the following three strategic goals were defined for the project:

OVERVIEW AND RECOMMENDATIONS

STRATEGIC GOALS
<p><b>GOAL #1:</b></p> <p>To determine the highest and best use of the Historic Courthouse, Safety Building, and Juvenile Justice Center.</p>
<p><b>GOAL #2:</b></p> <p>To improve public safety with respect to the Judicial system and process.</p>
<p><b>GOAL #3:</b></p> <p>To improve public service with respect to the Judicial system and process.</p>

CONCLUSIONS AND RECOMMENDATIONS

Various options and strategies were considered to address the proposed goals. The following strategic conclusions were identified for the three buildings:

**GOAL #1: DETERMINE HIGHEST AND BEST USE**



**HISTORIC COURTHOUSE:** The highest and best use of the Historic Courthouse is as a courthouse, but only for Civil, Probate, and Family Courts. The key to solving the issues with the Historic Courthouse is to reduce the number of courtrooms in the building, and to eliminate the prisoner (criminal defendant in custody) movement now occurring in the public hallways. The 1932 Courthouse opened with 20 functioning courtrooms on the 2<sup>nd</sup>, 4<sup>th</sup>, and 5<sup>th</sup> Floors. Over time, the number of courtrooms and hearing rooms has increased to 47. Many of these rooms are inadequate in

OVERVIEW AND RECOMMENDATIONS

size to achieve proper image, accessibility, and security. Reducing the number of courts, and in particular, removing the Criminal Courts, would significantly improve the utility and safety of the Historic Courthouse.

Other County functions, such as the County Board, County Executive’s Office, Register of Deeds, and Treasurer could potentially remain in the Historic Courthouse. This determination should be made during a subsequent planning effort to define the spatial and operational needs of County agencies currently located in the facility.



**SAFETY BUILDING:** The highest and best use of the Safety Building is not for its current use as an office and criminal court building. The highest and best use is as a site for a modern

Criminal Courthouse. Even renovating the building for office functions would be very expensive, approaching the cost of a new criminal courthouse. Between \$125 million to \$150 million might be required to renovate the building to bring the facility up to modern operating standards and codes. In the Consultant’s opinion, this building should be demolished to make way for a better operational solution.

This facility was built in 1929, and is not on the National Historic Register. It was originally designed as a mixed- use building and has become increasingly obsolete over time. One half of the building housed the central police station, City Courts, and City Jail, while the other half housed the County Sheriff, some County Courts, and the County Jail. Gradually, the building has been repurposed in ways that are far from its intended function. Large portions of the building which were intended for City and County detention are inappropriate for other uses. Over time, courtrooms were added on the lower floors in former office space areas. The additional criminal courtrooms fail to meet minimum standards established by the Wisconsin Supreme Court. As with the Historic Courthouse, criminal defendants in custody are moved through public hallways in order to access courtrooms.

In addition to functional and security issues, the Safety Building suffers from a host of physical problems, including asbestos; structural issues; poor air and water quality due to mechanical, electrical, and plumbing inadequacies; pest issues; and various code conditions. Due to the uncertainty regarding long-term use of the building, proper maintenance of the facility has been deferred for an extended period of time, and will now be very expensive to achieve.

OVERVIEW AND RECOMMENDATIONS



**JUVENILE JUSTICE CENTER:** The highest and best use of the Juvenile Justice Center is to continue as a combined, collocated Juvenile Court and Juvenile Detention Center. This complex was originally constructed in 1962, with major additions in 1994. Early in this planning process, the Consultant examined the desire to consolidate the Children’s Court with the downtown courts. It was determined that the Children’s Court and the Juvenile Detention Center function very well together, and should remain collocated. As part of this study, the participants also concluded that it is more important for Juvenile Courts, Juvenile Detention, and their related support components to be located together than for the various Courts to be located downtown. Detention centers function best as low-rise facilities, on one or two levels, rather than as high-rise facilities. The existing site is approximately 17 acres. In order to relocate the complex closer to downtown, a

minimum site of 10 to 12 acres would likely be required, which would be both difficult to find, and cost prohibitive.

**GOAL #2: IMPROVE PUBLIC SAFETY**

A major issue with the Milwaukee County facilities is the mixing of the public, judges, jurors, and detainees within hallways and elevators. That mixing is contrary to national best practice standards, and constitutes a fundamental threat to public safety. It also detracts from an appropriate court image, and potentially compromises the integrity of the judicial process as jurors and witnesses may come into direct contact with detainees. Modern court facilities are designed with three completely separate zones of circulation. A public zone is provided for members of the general public. A restricted zone is provided for judges, impaneled jurors, and court staff. A secure zone is provided for defendants in custody. The zones only intersect inside the courtroom. It is not possible to achieve that level of zoning within the Historic Courthouse or the Safety Building. These facilities are nearly 90 years old, and the concept of separate zoning is a relatively recent one, having first taken shape nationally in the early 1970s.

Therefore, it is recommended that a new Criminal Courthouse be developed which provides for the appropriate zoning and separation of parties. Removing the Criminal Courts from the Historic Courthouse, and from the Safety Building, is the best way to improve public safety.

**OVERVIEW AND RECOMMENDATIONS**

**GOAL #3: IMPROVE PUBLIC SERVICE**

A related goal to improving public safety is improving public service. A new, consolidated Criminal Courthouse will both improve public service, and contribute to increased staff efficiency. Currently, the Criminal Clerk’s office is located in the Safety Building, but it serves courtrooms in the Historic Courthouse, Safety Building, and Criminal Justice Facility. Both public and staff must move between the Clerk’s Office and the criminal courtrooms in three different buildings. It can be a confusing, time consuming, and frustrating process.

In addition, jurors must move from the jury assembly room in the Historic Courthouse to courtrooms in the Safety Building and in the Criminal Justice Facility. This requires an extensive path of travel, which can be quite difficult for older citizens or those with mobility impairments. A new Criminal Courthouse would provide a dedicated jury assembly room for those courtrooms.

Of even more importance, from a public service standpoint, is the current operation of the Family Court. The majority of the litigation spaces for the Family Court are located on the 7<sup>th</sup> Floor of the Historic Courthouse. This floor is much smaller in size than the other floors in the building, and can become quite congested. The floor includes two courtrooms, as well as ten small hearing rooms, some of which are only about 200 square feet in size. This creates issues with respect to image, security, and accessibility. Some litigants do not feel that they have had their proper “day in court” when appearing before a Commissioner in one of these small office-size hearing rooms. Family Court cases are some of the most volatile, and conducting hearings in extremely

constricted spaces creates both public safety and public service concerns. Removing the Criminal Courts from the courthouse would allow the Family Courts to relocate to more properly-sized courtrooms, with more generous public lobby and waiting areas.

This reassignment of courtrooms would improve both public service, as well as public safety in the facility. The overall number of courtrooms in the Historic Courthouse would immediately reduce from 47 to 37, which would significantly improve court operations.

**A NEW CRIMINAL COURTHOUSE**

A new Criminal Courthouse solves a host of current problems for the judicial system in general, and for the Historic Courthouse and the Safety Building, in particular. Various scenarios have been considered for the new courthouse. The recommended scenario calls for a facility of approximately 360,000 square feet. This facility would contain 26 courtrooms and judicial chambers, with long-term expansion capability to 30 courts through the planned displacement of components such as JusticePoint Pretrial Services and Wisconsin Community Services.

It is recommended that the new courthouse be located on the existing Safety Building site. This will allow the creation of a judicial complex, with public, staff, and detainee connections between the new courthouse, Historic Courthouse, and Criminal Justice Facility. Current occupants of the Safety Building would have to be relocated in order for the existing building to be demolished.

**OVERVIEW AND RECOMMENDATIONS**

Total projected costs for this option are approximately \$184 million. These costs include asbestos abatement and demolition of the Safety Building, as well as potential demolition and reconstruction of bridge connectors. Costs also include 10 percent contingencies, four years of escalation, design fees, and other associated project costs.

Additional investigation is required to determine potential swing space for Safety Building occupants, potential permanent space for those displaced occupants, potential Historic Courthouse systems upgrades and renovations, potential relocation and swing space for Historic Courthouse occupants, and potential Juvenile Justice Center systems upgrades and renovations. This analysis should be performed during 2016, and beyond, in order to develop a comprehensive strategy for the downtown complex, and to assess short- and long-term costs.

**EXECUTIVE SUMMARY ORGANIZATION**

The remainder of the Executive Summary describes the development of the conclusions and recommendations in greater detail. Table 1 presents an overview of the methodology used for the project. The first two tasks, Needs Assessment and Resource Evaluation, constitute the analysis portion of the project. During these tasks, operational and spatial needs were projected into the future and existing conditions were scored and evaluated. The third task, Strategic Plan Development, represents the problem-solving portion of the project in which strategies were developed to resolve the differences between projected needs and current conditions.

The Executive Summary is organized based on the three major strategic planning tasks:

- Section A: Needs Assessment
- Section B: Resource Evaluation
- Section C: Strategic Plan Development

Section A summarizes the analysis of court and agency growth and presents projections to the year 2040. Section B summarizes evaluations of existing conditions, with particular focus on spatial and operational adequacies. Section C presents the recommended scenarios, cost estimates, and site options.

**FINAL REPORT ORGANIZATION**

The detailed analyses used to develop conclusions and recommendations are presented as follows:

- Section A: System Factors
- Section B: Circuit Court Analysis and Projections
- Section C: Staff Projections
- Section D: Space Standards
- Section E: Component Evaluations
- Section F: Scenarios and Cost Estimates

In addition, there are two appendix sections:

- Appendix A: Site Diagrams and Floorplans
- Appendix B: Engineering Report (separate document)

**Table 1  
PROJECT METHODOLOGY**

*ANALYSIS*

*SYNTHESIS*

**Task 1  
NEEDS  
ASSESSMENT**

- 1.1 Define Project Goals and Objectives
- 1.2 Analyze Current and Future Operational Requirements
- 1.3 Analyze System Growth; Project System Factors
- 1.4 Project Judicial Officers and Court System Staff to 2040
- 1.5 Quantify Long-Term Space Needs to 2040

**Task 2  
RESOURCE  
EVALUATION**

- 2.1 Document Current Square Footage by Component
- 2.2 Review / Develop Appropriate Space Standards
- 2.3 Evaluate / Score Agencies and Components (Spatial and Operational Evaluation)
- 2.4 Evaluate Existing Courthouse (Physical/Systems Evaluation)
- 2.5 Evaluate Potential Site(s) for New Construction

**Task 3  
STRATEGIC  
PLAN**

- 3.1 Develop Consolidation Options and Occupancy Scenarios
- 3.2 Develop Conceptual Blocking and Stacking Fit-Plans
- 3.3 Define Temporary Relocation/ Renovation Plans (if necessary)
- 3.4 Define Project Priorities, Phasing Plan, and Schedule
- 3.5 Develop Preliminary Cost Estimates for All Projects

SECTION A: NEEDS ASSESSMENT

NEEDS ASSESSMENT

The Needs Assessment focused on determining the likely growth of system components. For this project, the Consultant was tasked with examining the court components in the Historic Courthouse, Safety Building, and Juvenile Justice Center. The analysis did not include the Criminal Justice Facility, the Juvenile Detention Facility, or any County components located within the downtown complex.

Needs assessments were performed for the following agencies or components:

- Circuit Court (69 Courts)
  - Chief Judge’s Office (1 Court)
  - Children’s Division (11 Courts)
  - Civil / Probate Division (18 Courts)
  - Criminal Division (24 Courts)
  - Family Division (15 Courts)
- District Court Administration
- Circuit Clerk
- Child Support Services
- District Attorney
- Guardian ad Litem
- JusticePoint Pretrial Services
- Law Library
- Milwaukee Justice Center
- Restraining Order Clinic
- Wisconsin Community Services (Drug Testing & OWI Program)



SECTION A: NEEDS ASSESSMENT

System Factor Analysis

The analysis of the Milwaukee County judicial system began with an assessment of jurisdictional population. According to the U.S. Census Bureau and the Wisconsin Demographic Services Center, Milwaukee County resident population decreased from approximately 965,000 to 940,000 between 1980 and 2000. Population continued to decline until 2006, reaching a low of 930,000 residents. Since that time, resident population has rebounded, increasing to approximately 960,000 in 2016. Over the next 25 years, the County’s population is projected to continue to increase slightly, gaining about 2,300 new residents per year, and reaching just over 1 million residents by 2040.

In addition to County population, the Consultant examined system factors such as population by age, criminal offenses, criminal arrests, and number of sworn officers. Law enforcement and court comparisons were made between Milwaukee County, Dane County, Waukesha County, and the State of Wisconsin. Facility specific analyses were also performed, including documenting the average daily visitor volumes to each facility, the average daily detainee movement, and the average daily population at the Juvenile Detention Center. With respect to the latter, it was noted that the Children’s Court and Juvenile Detention Center currently deal with juveniles age 16 or younger. There is pending legislation to increase the age limit to 17, which would impact court caseload and bedspaces required.

The system factor analyses and comparisons can be found in Section A of the Detailed Analysis portion of the report.

Year	Total Residents	Change per Year	
		Percent	Number
<b><u>Historical Population</u></b>			
1980	964,988	–	–
1990	959,212	-0.1%	-578
2000	940,164	-0.2%	-1,905
2010	947,735	0.1%	757
<b><u>Current Population</u></b>			
2015	959,154	0.4%	2,284
<b><u>Projected Population</u></b>			
2020	970,573	0.2%	2,284
2025	981,993	0.2%	2,284
2030	993,412	0.2%	2,284
2035	1,004,831	0.2%	2,284
2040	1,016,250	0.2%	2,284

SECTION A: NEEDS ASSESSMENT

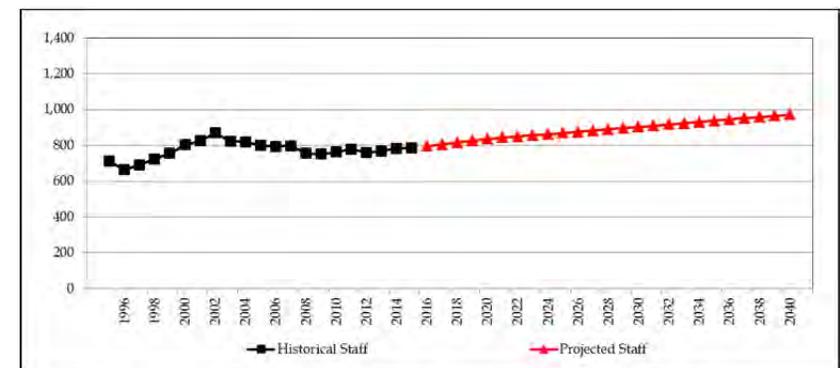
Circuit Court Analysis and Projections

Historical court data was obtained for the previous 20 years (1996 to 2015). Using a variety of forecasting methodologies, projections have been developed for court filings, judges, commissioners, and court staff. Models used include time series/trend analysis, population ratios, regression analysis, and system relationship models such as filings per staff and staff per judge. It should be noted that these projections are not prescriptive, and do not constitute a recommendation for future personnel requirements. Rather, they are descriptive, indicating what is likely to occur given past and future trends. As a general rule, for the purpose of planning future space needs, it is better to slightly over-forecast, rather than to under-forecast.

Circuit Court judicial officers have increased from 64 to 69 over the period, peaking at 74, due to the addition of some special project commissioners, starting in 2002. Over the next 25 years, the number of judicial officers is projected to increase from 69 to approximately 79.

Staff positions have been projected for most court-related agencies. Chamber staff, such as law clerks, bailiffs, or court reporters, were not projected since these positions are planned as part of a chamber set. Staff positions for the Sheriff’s Office were also not projected due to the inability to obtain reliable data for the non-detention components. Over the past 20 years, staffing for the ten pertinent agencies has increased from 712 in 1995 to 786 in 2015. It is projected that this total could increase to 972 by 2040. Additional information regarding these projections can be found in Sections B and C of the Detailed Analysis portion of the report.

SUMMARY OF STAFF PROJECTIONS						
Agency	Historical			Projected		
	1995	2005	2015	2020	2030	2040
<b>JUDICIAL OFFICERS</b>						
Judges:	46	47	47	48	50	51
Commissioners:	18	27	22	23	26	28
<b>TOTAL:</b>	<b>64</b>	<b>74</b>	<b>69</b>	<b>71</b>	<b>76</b>	<b>79</b>
Court Administration	11	15	19	20	24	28
Child Support Services	132	191	145	152	161	170
Circuit Clerk	320	263	248	254	268	283
District Attorney	220	290	284	302	327	352
Guardian ad Litem	19	22	20	22	24	25
JusticePoint Pretrial Services	n/a	6	42	54	63	71
Law Library	3	3	3	3	3	3
Milwaukee Justice Center	n/a	n/a	6	7	9	12
Restraining Order Clinic	5	5	8	9	11	13
Wisconsin Community Services	2	7	11	12	13	15
<b>TOTAL - STAFF</b>	<b>712</b>	<b>802</b>	<b>786</b>	<b>837</b>	<b>903</b>	<b>972</b>



SECTION B: RESOURCE EVALUATION

RESOURCE EVALUATION

The Consultants evaluated the existing spatial and operational conditions of the various court-related components in the Historic Courthouse, Safety Building, and Juvenile Justice Center. Information regarding the Resource Evaluation can be found in Section D (Space Standards) and Section E (Component Evaluations) of the Detailed Analysis portion of the report. Site diagrams and floorplans are shown in Appendix A.

In addition, a physical evaluation of the existing mechanical, electrical, and plumbing systems in each facility was conducted. This evaluation is presented in a separately-bound volume.

Space Standards

As part of the evaluation process, space standards for courtrooms, offices, workstations, and support areas have been defined based on Wisconsin Supreme Court standards, and on national planning guidelines. Standards related to the provision of spaces, and sizes of spaces, can be found in Supreme Court Rules (SCR) 68.10 and 68.11. In addition, the Consultant was a primary author of the national courthouse planning and design guidelines. The graphic shown in Table 2 (on page 13) presents a hypothetical courtroom set. This courtroom set illustrates the zoning separation which is critical in modern court facilities. The light blue area represents the public zone; the dark blue area represents the restricted zone for judges, jurors, and court staff; and the red area represents the secure zone for defendants in custody. This model is used both as a tool to evaluate existing conditions and as a benchmark for planning future space.

Component Evaluations

Each component area has been documented, and square footages have been defined. Component areas have been scored on a 10-point scale, with space rated as Appropriate, Adequate, Marginal, Inadequate, or Inappropriate.

Rating:	Inappropriate		Inadequate		Marginal		Adequate		Appropriate	
Score:	1	2	3	4	5	6	7	8	9	10

Space has been evaluated in terms of the quantity of space (such as general overcrowding) as well as the quality of space (such as functionality, adjacencies, security, and general effectiveness). The complete methodology is shown in Table 3.

A summary of the component evaluations is shown in Table 4. Following is a brief overview of each facility:

**HISTORIC COURTHOUSE:** Historic Courthouse component spaces averaged a score of 3.9 and a rating of Inadequate. The 45 Circuit Courts in the building averaged a rating of Inadequate, although the Criminal and Family Courts rated lower, while the Civil and Probate Courts rated higher. This is due primarily to the hazardous prisoner movement for the Criminal Courts and overcrowded conditions for the Family Courts. If the Criminal Courts are removed from the Historic Courthouse, and the Family Courts are moved into more appropriate spaces, then the rating for the Circuit Court would move closer to Adequate. It would still not be ideal, as judges and the public would still share circulation through the main hallways, and there might be the

**SECTION B: RESOURCE EVALUATION**

occasional (very rare) movement of detainees to Family or Civil Courts. However, the Historic Courthouse is a useful and valuable asset to Milwaukee County, and is an iconic symbol of the justice system. The beauty and craftsmanship of the courtrooms on the lower three courtfloors could not be replicated. By removing the Criminal Courts, and thereby reducing the total number of Courts in the facility, public safety and public service would be significantly improved. By improving public safety and public service in this way, the Historic Courthouse can continue to serve Milwaukee County for many years.

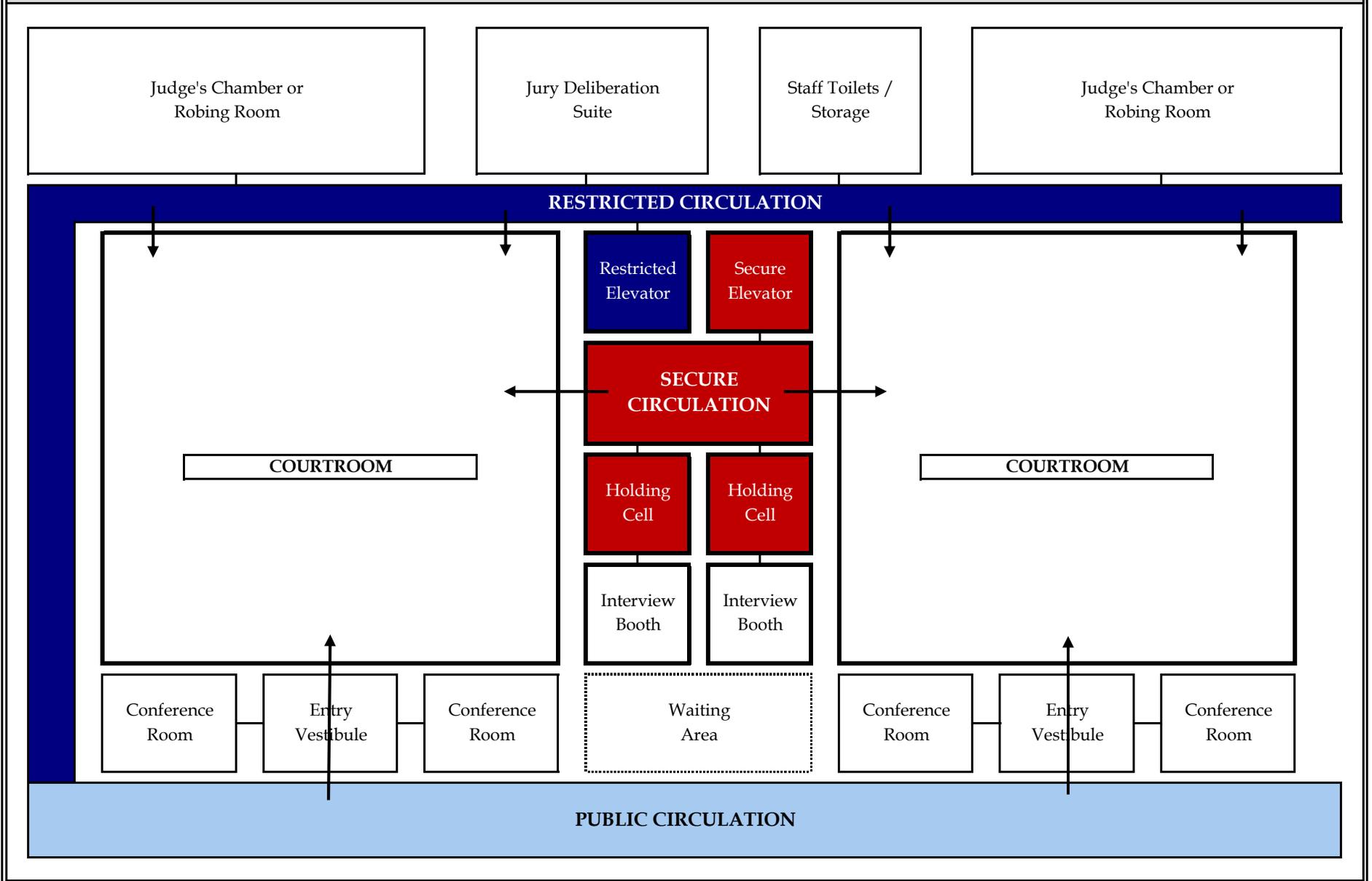
Office spaces in the Historic Courthouse rated all along the continuum. The newly renovated Milwaukee Justice Center scored highest, while the overcrowded Restraining Order Clinic scored lowest. Some offices are experiencing overcrowded conditions, and some must deal with excessive fragmentation. With respect to fragmented operations for the Clerk of Court, for instance, future electronic filing of records and potential scanning of older records would help to economize, and to gain, space. However, many current records areas are located on lower-height mezzanine levels that lack public access, so even if additional space efficiencies can be achieved, some of the mezzanine spaces may be problematical for other uses. Long-term solutions will require further study in conjunction with the study of non-court functions in the building.

**SAFETY BUILDING:** This facility is by far the worst of the three buildings. Most of the functions in the Safety Building are rated as Inappropriate or Inadequate and the overall score for the building is 2.8. This is due to a combination of factors, including improper zoning, overcrowded conditions, lack of consolidation

and adjacencies, and poor physical conditions within the facility. The building is very inefficiently designed and its original mixed use makes renovation of existing space very difficult. For instance, nearly 37,000 square feet is former jail space, which is vacant, and which would be very difficult to renovate effectively. A 2014 report of the building prepared by Mortenson Construction indicated that the building requires \$75 million in structural, mechanical, electrical, plumbing, and public access upgrades to meet modern codes. This total excludes additional dollars required to renovate tenant spaces, or to provide temporary space while asbestos abatement and renovations are being performed. It also excludes the total project cost required to achieve a renovation.

**JUVENILE JUSTICE CENTER:** Juvenile Justice Center functions rated as Marginal overall with a total score of 5. It is very difficult for older facilities to score well when judged by modern standards. However, it should also be noted that the Consultant believes the combined juvenile facilities function very well. The portion of the building which serves the Children’s Court could benefit from some modest renovation, or expansion, to achieve recommended standards. There is some shelled or minimally-used space that could be used to gain an additional courtroom and office space for the Clerk. The direct adjacency to the Detention Center is highly beneficial due to the number of juvenile hearings, the various court support programs, and the Court’s specific desire to facilitate a process of improvement for the children. The current facility, including the Detention Center, consists of about 260,000 gross square feet, and is sited on approximately 17 acres, with 517 parking spaces.

**Table 2  
HYPOTHETICAL COURTROOM SET**



**Table 3  
COMPONENT ANALYSIS PROCESS AND METHODOLOGY**

**I. ANALYSIS PROCESS**

1. Primarily examines the quantity of space (*general overcrowding, general sizes of component spaces, adequate number of required spaces*)
2. Secondarily examines operational adequacy and quality of space (*functionality, image, security, circulation, proximity to other essential functions, handicap accessibility, general effectiveness*)

**II. ANALYSIS METHODOLOGY**

<b>Rating:</b>	<b>Inappropriate</b>		<b>Inadequate</b>		<b>Marginal</b>		<b>Adequate</b>		<b>Appropriate</b>	
<b>Score:</b>	1	2	3	4	5	6	7	8	9	10

<u>Score</u>	<u>Rating</u>	<u>Definition</u>
9 - 10	Appropriate	Sufficient quantity of space; good configuration and layout; little, if any, expansion or renovation would be useful
7 - 8	Adequate	Quantity may be barely sufficient; configuration and flow are less than ideal; some renovation/expansion would enhance operations
5 - 6	Marginal	Lacks sufficient quantity of space, quality of space, or both; requires some renovation or expansion to achieve minimum recommended operating standards
3 - 4	Inadequate	Poor quantity and quality of space; too small; improper layout; urgently requires improvement
1 - 2	Inappropriate	Very overcrowded; numerous layout, security, or accessibility issues and space inefficiencies; considered fundamentally inappropriate for continued use

**Table 4  
SUMMARY OF COMPONENT SCORES AND RATINGS BY BUILDING**

Component	Floor	Staff	DGSF	DGSF / Person	NSF / Person	Score	Rating
<b>HISTORIC COURTHOUSE</b>							
1. Circuit Court	2,3,4,4M,5,5M,6,6M,7,7M	45 Courts	180,517	-	-	4	Inadequate
2. Court Administration	4M,6	7	5,971	853	656	5	Marginal
3. Circuit Clerk	Ground,1,1M,2,2M,4	97	33,046	341	262	5	Marginal
4. Child Support Services	Ground,1,1M,7	145	26,850	185	142	4	Inadequate
5. Jury Management	1	6	5,184	864	665	3	Inadequate
6. Law Library	Ground	3	2,141	714	549	5	Marginal
7. Milwaukee Justice Center	Ground	6	4,299	717	551	9	Appropriate
8. Restraining Order Clinic	7	8	444	56	43	2	Inappropriate
9. Support Spaces	5,6	-	1,053	-	-	5	Marginal
<b>SUBTOTAL</b>		<b>423</b>	<b>259,505</b>	<b>613</b>	<b>472</b>	<b>3.9</b>	<b>INADEQUATE</b>
<b>SAFETY BUILDING</b>							
10. Circuit Court	1,2,3,4,5,6	9 Courts	38,958	-	-	2	Inappropriate
11. Court Administration	3	6	4,126	688	529	6	Marginal
12. Circuit Clerk	1,2,4,5M,6	76	13,326	175	135	2	Inappropriate
13. District Attorney	2,4,5,6	174	39,816	229	176	2	Inappropriate
14. Sheriff's Office	Ground,1,2,3,5	180	50,344	280	215	4	Inadequate
15. JusticePoint Pretrial Services	2,4	42	9,357	223	171	3	Inadequate
16. WCS Pretrial Services	4	11	1,771	161	124	4	Inadequate
17. Support Spaces	4	-	536	-	-	5	Marginal
<b>SUBTOTAL</b>		<b>516</b>	<b>158,234</b>	<b>307</b>	<b>236</b>	<b>2.8</b>	<b>INAPPROPRIATE</b>
<b>JUVENILE JUSTICE CENTER</b>							
18. Circuit Court	Main, Upper	11 Courts	36,466	-	-	5	Marginal
19. Court Administration	Main	8	1,710	214	164	5	Marginal
20. Circuit Clerk	Main	17	5,421	319	245	5	Marginal
21. District Attorney	Lower, Main	60	17,483	291	224	5	Marginal
22. Guardian ad Litem	Upper	20	5,726	286	220	6	Marginal
23. Public Defender	Main	14	1,237	88	68	5	Marginal
24. Sheriff's Office	Lower	15	3,358	-	-	7	Adequate
25. Jury Management	Main	-	1,905	-	-	8	Adequate
26. Support Spaces	Main, Upper	-	1,885	-	-	5	Marginal
<b>SUBTOTAL</b>		<b>167</b>	<b>75,191</b>	<b>450</b>	<b>346</b>	<b>5.0</b>	<b>MARGINAL</b>
<b>TOTAL</b>		<b>1,106</b>	<b>492,930</b>	<b>446</b>	<b>343</b>	<b>3.7</b>	<b>INADEQUATE</b>

Notes: (1) NSF/Person has been estimated based on an assumed 30% DGSF grossing factor to account for interior hallways and wall partitions.

(2) The total of 65 Courts shown excludes the 3 courtrooms in the Criminal Justice Facility and the Chief Judge's courtroom, as this position is primarily administrative.

(3) The total staff for each facility includes an estimation for the Circuit Court as follows: Judge + Court Reporter + Bailiff/Law Clerk + Commissioners.

(4) Subtotal and Overall Total scores are weighted based on each component's proportion of total area. Scores are rounded down to determine ratings.

SECTION C: STRATEGIC PLAN DEVELOPMENT

STRATEGIC PLAN DEVELOPMENT

This section summarizes the development of the strategic plan for resolving the long-term spatial and operational needs of the Milwaukee County Judicial Complex. Tasks that were completed in this phase of the project include: projection of space needs to the year 2040; development of occupancy scenarios for a new courthouse; definition of a long-term expansion plan; analysis of potential sites; and estimation of construction and project costs.

Space Projections

It is first necessary to understand the various square footage terms which are used in this report. Net square feet (NSF) represents the unobstructed and usable area of a space. All space standards are based on net square feet. Departmental gross square feet (DGSF) represents the total floor area for a department or component, and includes the thickness of interior walls and partitions, as well as the hallways or circulation required to connect all spaces. DGSF corresponds to Assignable, Occupiable, or Rentable Square Feet. Building gross square feet (BGSF) represents the total space required for a building. It includes all departmental space, plus area for major public hallways, elevators, fire stairs, mechanical shafts, pipe chases, public toilets, and the exterior skin of the building.

Space projections have been developed for judicial system components in anticipation of the need for a new Criminal Courthouse. Specialized spaces, such as courtroom sets and judicial chamber areas, have been estimated based on specific identification and quantification of space. Other spaces, such as

for Court Administration, Circuit Clerk, and District Attorney, have been estimated based on applying a departmental factor to the projected number of future staff. This method uses the existing conditions and spatial ratings as benchmarks, and applies a new factor based on the current level of overcrowding. The departmental factor represents the average amount of total departmental space per employee, and includes waiting areas, conference rooms, file areas, offices and workstations, and other support spaces, as well as circulation and interior partitioning. Section F of the Detailed Analysis presents these projections. The following chart shows a breakdown of current and projected judicial officers by division:

JUDICIAL OFFICERS BY DIVISION		
JUDICIAL OFFICERS	2015	2040
<b>1. Administration</b>		
Chief Judge	1	1
Presiding Commissioner	1	1
<b>2. Civil / Probate Division</b>	17	19
Family Division	15	18
<b>CIVIL SUBTOTAL</b>	<b>32</b>	<b>37</b>
<b>3. Criminal Division</b>	<b>24</b>	<b>27</b>
<b>DOWNTOWN TOTAL</b>	<b>58</b>	<b>66</b>
<b>4. Children's Division</b>	<b>11</b>	<b>13</b>
<b>TOTAL</b>	<b>69</b>	<b>79</b>

SECTION C: STRATEGIC PLAN DEVELOPMENT

The current distribution of officers by facility is as follows:

<b>HISTORIC COURTHOUSE</b>	<b>CRIMINAL JUSTICE FACILITY</b>
<u>46 Judicial Officers</u>	<u>3 Judicial Officers</u>
1 Chief Judge 1 Presiding Commissioner 17 Civil/Probate 15 Family 12 Criminal	3 Criminal
<b>SAFETY BUILDING</b>	<b>JUVENILE JUSTICE CENTER</b>
<u>9 Judicial Officers</u>	<u>11 Judicial Officers</u>
9 Criminal	11 Children's Division
<b>69 TOTAL OFFICERS</b>	

The proposed 2040 distribution is as follows:

<b>HISTORIC COURTHOUSE</b>	<b>CRIMINAL JUSTICE FACILITY</b>
<u>38 Judicial Officers</u>	<u>2 Judicial Officers</u>
1 Presiding Commissioner 19 Civil/Probate 18 Family	2 Criminal The Intake & Preliminary Hearing Courts should remain with the Jail
<b>SAFETY BUILDING</b>	<b>JUVENILE JUSTICE CENTER</b>
<u>0 Judicial Officers</u>	<u>13 Judicial Officers</u>
	13 Children's Division
<b>NEW CRIMINAL COURTHOUSE</b>	
<u>26 Judicial Officers</u>	
1 Chief Judge 25 Criminal	
<b>79 TOTAL OFFICERS</b>	

Historic Courthouse Scenarios

Due to the project’s focus on court-related functions only, a complete reuse and restacking plan for the Historic Courthouse was not developed. In order to complete that task, a similar assessment of the operational and spatial needs of County functions, such as the County Board, County Executive’s Office, Department of Administrative Services, Register of Deeds, Treasurer’s Office, and others must be performed. The graphic on Table 5 shows the current distribution of space within the building by major component and floor.

However, a courtroom reallocation plan was developed for the Historic Courthouse. Once the 12 Criminal Courts are removed from the building, the 10 Family Court Commissioners currently using the undersized hearing rooms on the 7<sup>th</sup> Floor could utilize those vacated courtrooms. These rooms would require no modification other than changing names on the signage. An additional benefit is that the Family Courts would now be located on a larger floorplate, which provides the ability to separate and distribute litigants in what is often a contentious setting.

The graphics on Tables 6 and 7 show existing and proposed litigation spaces. Each box documents the number of the room and the size of the space. Boxes with surrounding dashed lines indicate one of the original 20 courtrooms in the facility. Since 1932, the number of litigation spaces has increased from 20 to 47, and the courts have been fragmented into three other facilities. The proposed plan would eliminate the most inappropriately-sized spaces, and would consolidate the Felony and Misdemeanor Courts in a new and operationally suitable facility.

**SECTION C: STRATEGIC PLAN DEVELOPMENT**

In concluding that a new criminal courthouse is required, the Consultant thoroughly examined the current and potential capabilities of the Historic Courthouse and the Safety Building. As the buildings were studied, it became abundantly clear that no adaptive reuse, or internal expansion plan, could create in these 1930-era buildings the kind of three-dimensional zoning of judges/jurors, public, and detainees required in a modern criminal court facility.

**Table 5  
HISTORIC COURTHOUSE CURRENT STACKING PLAN**

<u>Floor</u>	<u>Approx. DGSF</u>						
7M	6,520	Circuit Court - Jury Rooms; Commissioner Space					
7	19,822	Circuit Court - Family Courts					
6M	2,720	Circuit Court - Jury Rooms					
6	38,918	Circuit Court - Criminal Courts; Chief Judge's Office					
5M	9,962	Circuit Court - Jury Rooms; Court Administration Space					
5	45,783	Circuit Court - Criminal, Family, Civil Courts					
4M	9,991	Circuit Court - Jury Rooms; Law Clerk Space					
4	45,820	Circuit Court - Civil Courts					Civil Clerk
3	44,889	County Functions - County Executive, Department of Administrative Services					
2	51,989	Circuit Court - Probate Courts	Probate Clerk	County Functions - County Board, Human Resources			
1M	34,530	Clerk IT	Civil Clerk	Probate Clerk	Child Support	County Functions - Storage, Non-Public	
1	41,449	Clerk Admin.	Civil Clerk	Jury Assembly	Child Support	County Functions - County Clerk, Deeds, Treasurer	
G	52,952	Milwaukee Justice Center	Civil Clerk	Law Library	Café	Child Support	County Functions - Deeds, Elections, Facility Mgmt.
<b>TOTAL</b>	<b>405,345</b>						

Note: Court functions total approximately 259,505 DGSF. County functions total approximately 145,840 DGSF (excluding basement & penthouse).

**Table 6  
HISTORIC COURTHOUSE - EXISTING LITIGATION SPACES**

LITIGATION SPACES:	Civil		Family			TOTAL						
	Criminal			Reserve		Civil	Family	Criminal	Reserve	TOTAL		
<b>7th Floor</b>	Room #:	702	712				12			12		
	NSF:	1,558	1,558									
	Room #:	707-J	707-K	707-L	707-M	707-X						
	NSF:	450	372	407	407	320						
	Room #:	711-F	711-H	711-M	711-N	711-T						
	NSF:	241	241	230	230	390						
<b>6th Floor</b>	Room #:	608	615	622	623			8		8		
	NSF:	2,173	1,554	1,316	1,316							
	Room #:	629	632	634	635							
	NSF:	1,554	1,796	1,796	2,173							
<b>5th Floor</b>	Room #:	500	501	502	503	504	508	1	5	4		
	NSF:	2,448	1,964	1,964	1,964	1,694	1,092			1		
	Room #:	509	512	513	514	515						
	NSF:	1,092	1,732	1,964	1,964	1,964						
<b>4th Floor</b>	Room #:	400*	401	402	403	404	408	14		14		
	NSF:	2,448	1,964	1,964	1,964	1,964	1,092					
	Room #:	409	412	413	414	415						
	NSF:	1,092	1,964	1,964	1,964	1,964						
	Room #:	400-AF	400-AK	400-E	400-H	* Note: Room 400 is used for Calendar Call						
	NSF:	418	324	619	391							
<b>2nd Floor</b>	Room #:	206	208	= Indicates one of the original 20 courtrooms					2		2	
	NSF:	1,440	1,440									
<b>TOTAL</b>								17	17	12	1	47
<b>Judicial Officers (2015)</b>								17	15	12	1	45

Note: The 6th Floor includes the Chief Judge's Office / Court Administration. The 7th Floor includes the Restraining Order Clinic and other Family Court functions.

**Table 7  
HISTORIC COURTHOUSE - PROPOSED LITIGATION SPACES**

LITIGATION SPACES:	Civil		Family			TOTAL						
	Criminal		Flex			Civil	Family	Criminal	Flex	TOTAL		
<b>7th Floor</b>	Room #: NSF:	<b>702</b> <b>1,558</b>	<b>712</b> <b>1,558</b>	Flex 1,292	Flex 1,292	Potentially Create Two New Courtrooms		2		2	4	
	Room #: NSF:					Eliminate All Hearing Rooms						
	Room #: NSF:											
<b>6th Floor</b>	Room #: NSF:	<b>608</b> <b>2,173</b>	<b>615</b> <b>1,554</b>	<b>622</b> <b>1,316</b>	<b>623</b> <b>1,316</b>			8			8	
	Room #: NSF:	<b>629</b> <b>1,554</b>	<b>632</b> <b>1,796</b>	<b>634</b> <b>1,796</b>	<b>635</b> <b>2,173</b>							
<b>5th Floor</b>	Room #: NSF:	<b>500</b> <b>2,448</b>	<b>501</b> <b>1,964</b>	<b>502</b> <b>1,964</b>	<b>503</b> <b>1,964</b>	<b>504</b> <b>1,694</b>	<b>508</b> <b>1,092</b>		3	8		11
	Room #: NSF:	<b>509</b> <b>1,092</b>	<b>512</b> <b>1,732</b>	<b>513</b> <b>1,964</b>	<b>514</b> <b>1,964</b>	<b>515</b> <b>1,964</b>						
<b>4th Floor</b>	Room #: NSF:	<b>400*</b> <b>2,448</b>	<b>401</b> <b>1,964</b>	<b>402</b> <b>1,964</b>	<b>403</b> <b>1,964</b>	<b>404</b> <b>1,964</b>	<b>408</b> <b>1,092</b>		14			14
	Room #: NSF:	<b>409</b> <b>1,092</b>	<b>412</b> <b>1,964</b>	<b>413</b> <b>1,964</b>	<b>414</b> <b>1,964</b>	<b>415</b> <b>1,964</b>						
	Room #: NSF:	<b>400-AF</b> <b>418</b>	<b>400-AK</b> <b>324</b>	<b>400-E</b> <b>619</b>	<b>400-H</b> <b>391</b>		* Note: Room 400 is used for Calendar Call					
<b>2nd Floor</b>	Room #: NSF:	<b>206</b> <b>1,440</b>	<b>208</b> <b>1,440</b>						2			2
							= Indicates one of the original 20 courtrooms					
<b>TOTAL</b>								19	18	0	2	39
<b>Judicial Officers (2040)</b>								19	18		1	38

Note: The Restraining Order Clinic and other Family Court office functions would relocate to the 6th Floor into space vacated by the Chief Judge's Office / Court Administration.

SECTION C: STRATEGIC PLAN DEVELOPMENT

*New Criminal Courthouse Scenarios*

The only way to truly resolve the current Criminal Court issues is with a new building, designed to modern standards. Once that new building is occupied, the spaces vacated by the Criminal Court in the Historic Courthouse can then be used to address the pressing issues of the Family Court on the 7<sup>th</sup> Floor. As noted, this courtroom reallocation can be done with minimal expense.

Two new courthouse scenarios have been developed for Milwaukee County. These scenarios are presented in Table 8.

- **Scenario #1:** This scenario is considered the Maximum Scenario. It envisions a building of approximately 425,000 square feet, with an additional 16,000 square feet for 40 secure parking spaces for judges and selected staff. It provides for 26 Courts (1 Chief Judge and 25 Criminal), as well as area for District Court Administration, the Administrative and Criminal Divisions of the Circuit Clerk’s Office, and ancillary court and facility support spaces. The Sheriff’s Office is provided space for court security, central holding, and a vehicle sallyport. In addition, office space is provided for JusticePoint Pretrial Services and Wisconsin Community Services. Over time, these last two functions could be easily displaced from the building in order to achieve up to four additional courtroom sets. Although projections have been generated to 2040, the building should be constructed to last far beyond that horizon. This approach provides the County and Court with a functional and economical way to expand the courts, as required, to achieve very long-term operational value from the building.

This scenario also includes the entire operation of the District Attorney’s Office to the year 2040. The District Attorney’s Office will require approximately 60,000 square feet for its 200+ staff positions.

**Table 8  
NEW COURTHOUSE SCENARIOS**

<i>SCENARIOS</i>	<i>SCENARIO #1: MAXIMUM</i>			<i>SCENARIO #2: MINIMUM</i>		
	Component	Courts	Staff	DGSF	Courts	Staff
<b>COURTS</b>	<b>26 Courts</b>			<b>26 Courts</b>		
A. Circuit Court	26 Courts	104	141,293	26 Courts	104	141,293
<b>PRIMARY COMPONENTS</b>						
B. District Court Administration	(2040)	17	5,950	(2040)	17	5,950
C. Circuit Clerk						
Administration:	(2040)	17	5,355	(2040)	17	5,355
Judicial Information Systems:	(2040)	2	1,600	(2040)	2	1,600
Criminal Division:	(2040)	94	18,800	(2040)	94	18,800
<b>OTHER COMPONENTS</b>						
D. District Attorney						
Safety Building Staff:		188	50,760		N/A *	N/A *
Victim / Witness:		28	8,400	(2040)	28	8,400
Trial Prep Workspace:		N/A *	N/A *			5,000
E. JusticePoint Pretrial	(2040)	71	19,880	(2040)	71	19,880
F. Public Defender Workspace			2,500			2,500
G. Wisconsin Community Services	(2040)	15	4,950	(2040)	15	4,950
H. Sheriff's Office						
Court Security / Holding / Sallyport:	(2040)		9,200	(2040)		9,200
I. Court Support Spaces	(2040)		10,665	(2040)		10,665
J. Facility Support Spaces	(2040)		22,135	(2040)		22,135
<b>SUBTOTAL</b>	<b>26 Courts</b>	<b>536</b>	<b>301,488</b>	<b>26 Courts</b>	<b>348</b>	<b>255,728</b>
<b>Mechanical / Electrical Factor</b>		<b>11%</b>	<b>+ 33,164</b>		<b>11%</b>	<b>+ 28,130</b>
<b>TOTAL DGSF AND M&amp;E</b>			<b>334,652</b>			<b>283,858</b>
<b>Building Grossing Factor</b>		<b>27%</b>	<b>+ 90,356</b>		<b>27%</b>	<b>+ 76,642</b>
<b>NEW COURTHOUSE SIZE</b>			<b>425,008</b>			<b>360,500</b>
<b>Secure Parking Area</b>	40 Spaces	400	16,000	40 Spaces	400	16,000
<b>TOTAL BUILDING SIZE WITH PARKING</b>			<b>441,008</b>			<b>376,500</b>

Notes: (1) In Scenario #1, the entire District Attorney's Office is accommodated in the new building. In Scenario #2, only Victim / Witness and Trial Prep are accommodated.  
(2) Components E and G total 24,830 DGSF, which is the approximate size of four future courtsets - 24,680 DGSF (3 Standard, 1 Non-Jury, 2 Jury Rooms, and 4 Chambers).

SECTION C: STRATEGIC PLAN DEVELOPMENT

- **Scenario #2:** This scenario is considered the Minimum Scenario. It envisions a building of approximately 360,000 square feet, with an additional 16,000 square feet for a secure parking area. It is identical to Scenario #1, except that the main office of the District Attorney is not included in the new building. Space is provided for the Victim/Witness Unit as well as for Trial Preparation. The main office would be housed in a location to be determined, but ideally would be in close proximity to the new Criminal Courthouse.

Scenario #2 is the recommendation of the Consultant. This scenario is believed to provide the best value to the County. Courthouse construction, on a per square foot basis, is very costly in comparison to typical office space, for instance. The Consultant believes that building, or leasing, generic office space for the District Attorney would be far less costly than including the entire 60,000 square foot operation in a new courthouse. The recommended Scenario #2 serves as the basis for the following site plan analysis. If the County chooses instead to implement Scenario #1, the site plans could, for illustration purposes, simply be modified to include two additional floors.

Site Plans

Two sites are proposed for the new Criminal Courthouse. Option 1 is the existing Safety Building site. Option 2 is currently a County-owned parking lot at the corner of 6<sup>th</sup> and State Streets. Other potential sites were considered, but ultimately discarded due to size constraints or security concerns.

Table 9 shows a site plan of the downtown campus, with the two potential locations for the Criminal Courthouse. Preliminarily, the new facility is envisioned to be 10 stories above grade. In these site studies, there would be a two-story base to the building, consisting of approximately 45,000 square feet per floor. There would be an eight-story courtroom tower, consisting of four courtrooms per floor at approximately 30,000 square feet each. There would be a 30,000-square-foot basement, containing central holding, a secure sallyport, and mechanical spaces, plus approximately 16,000 square feet for secure judicial parking. A detailed programming process, and an actual design, would be required to move beyond this simple site planning concept.

Tables 10 through 12 show potential siting, orientation, and elevation on each site. Site 1, the Safety Building site, is believed to represent the best long-term option for the County and Courts. This solves the numerous physical and operational issues of the Safety Building, through its removal. This is also the ideal location for a Courthouse due to its ability to connect with both the Historic Courthouse and the Criminal Justice Facility. This aids in the ability to share staff and resources, simplifies public and attorney movement issues, and simplifies detainee movement issues. This location also provides the opportunity to re-invigorate MacArthur Square, as the entrances to both courthouses could operate off the park.

Site 2 at 6<sup>th</sup> and State Streets was also studied, as the Consultant felt obligated to present the County with alternatives. Of all the other potential locations in fairly close proximity to the Historic Courthouse, Site 2 was believed to be the most viable. But that

**SECTION C: STRATEGIC PLAN DEVELOPMENT**

viability is only relative to sites that did not work at all, due to size or security concerns.

The chief advantage of Site 2 is the ability to build immediately on a relatively clear, County-owned site. The site currently serves as a surface parking lot, and is roughly equal in area to the Safety Building site. By selecting this site, the County would be able to avoid the immediate demolition of the Safety Building, and the short-term costs associated with relocating Safety Building occupants, while a new criminal courthouse is constructed on that site.

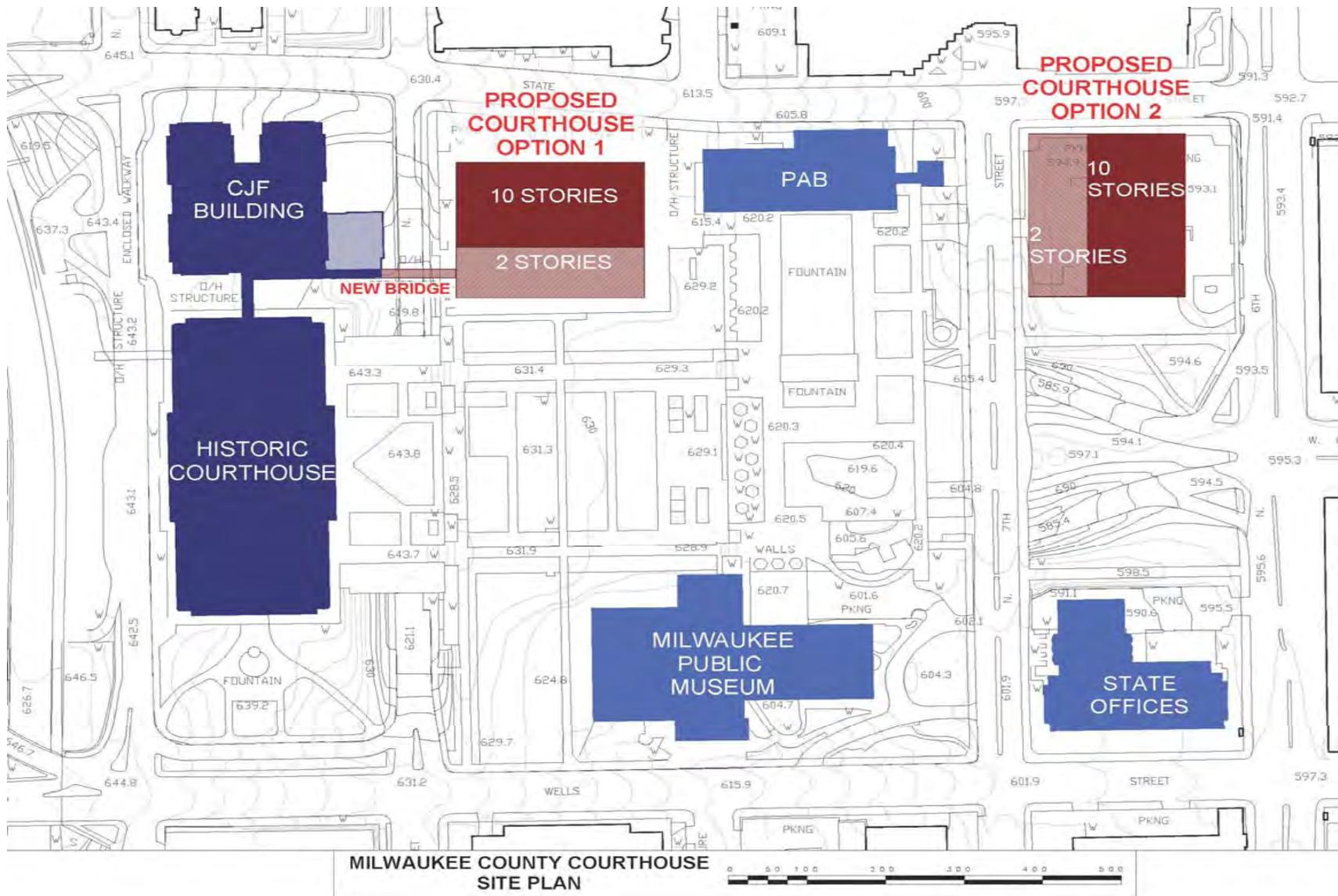
But the Consultant believes that the short-term cost savings would be a false economy in this case. As stated earlier, the 1929 design of the Safety Building as a mixed-use jail/courts/office building makes it extremely inefficient for any other function. Renovation would be prohibitively expensive, perhaps nearly equivalent in total project cost to that of a new criminal courthouse. And the sheer volume of deferred maintenance makes it extremely difficult to continue its ongoing use without extensive renovations. In essence, the building needs to be torn down in any case, and doing it in conjunction with the creation of a new criminal courthouse affords the County the best possible reuse of that site.

In comparison with Site 1, Site 2 has numerous operational deficiencies. First, the public, judges, staff, and attorneys would all be physically disconnected from the Historic Courthouse by a distance of several blocks. And as noted earlier, that physical connection is a very important aspect of the daily operation of the Court. In fact, the desire to better consolidate the Courts was one of the original driving forces in performing this study.

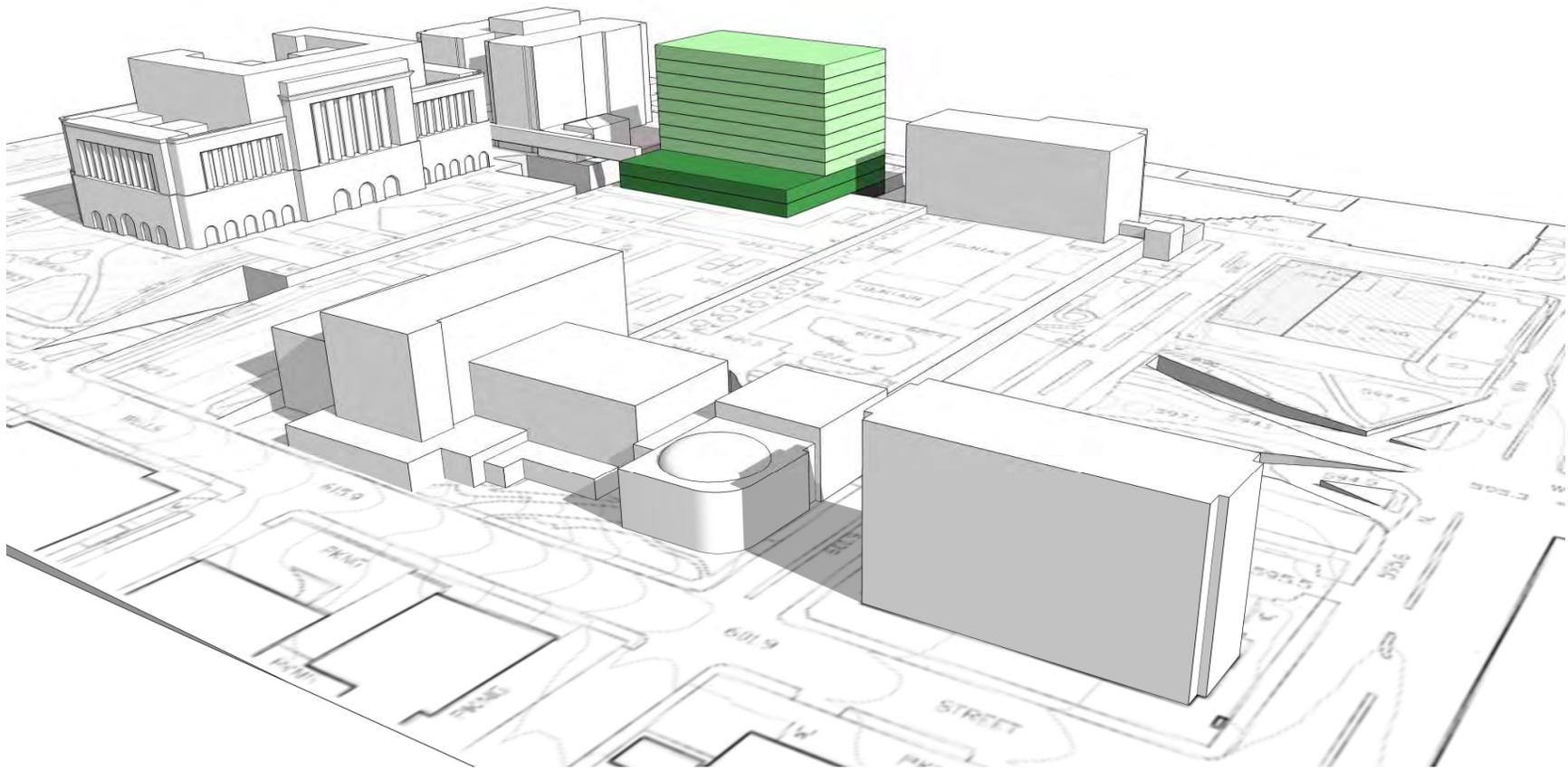
A further problem with the physical disconnection is the inability to develop a secure link between the Criminal Justice Facility and the 6<sup>th</sup> and State Street location. That means that all defendants in custody going to the Felony and Misdemeanor Courts on Site 2 would have to be transported, back and forth from the Criminal Justice Facility, by vehicle.

Although Site 2 was the only alternative site available in proximity to the Historic Courthouse, with the requisite site area, and although it could in theory be developed as a site for a new criminal courthouse, it is the Consultant's definite recommendation that the new criminal courthouse be built on Site 1, the current site of the Safety Building. The Advisory Group strongly concurs with that recommendation.

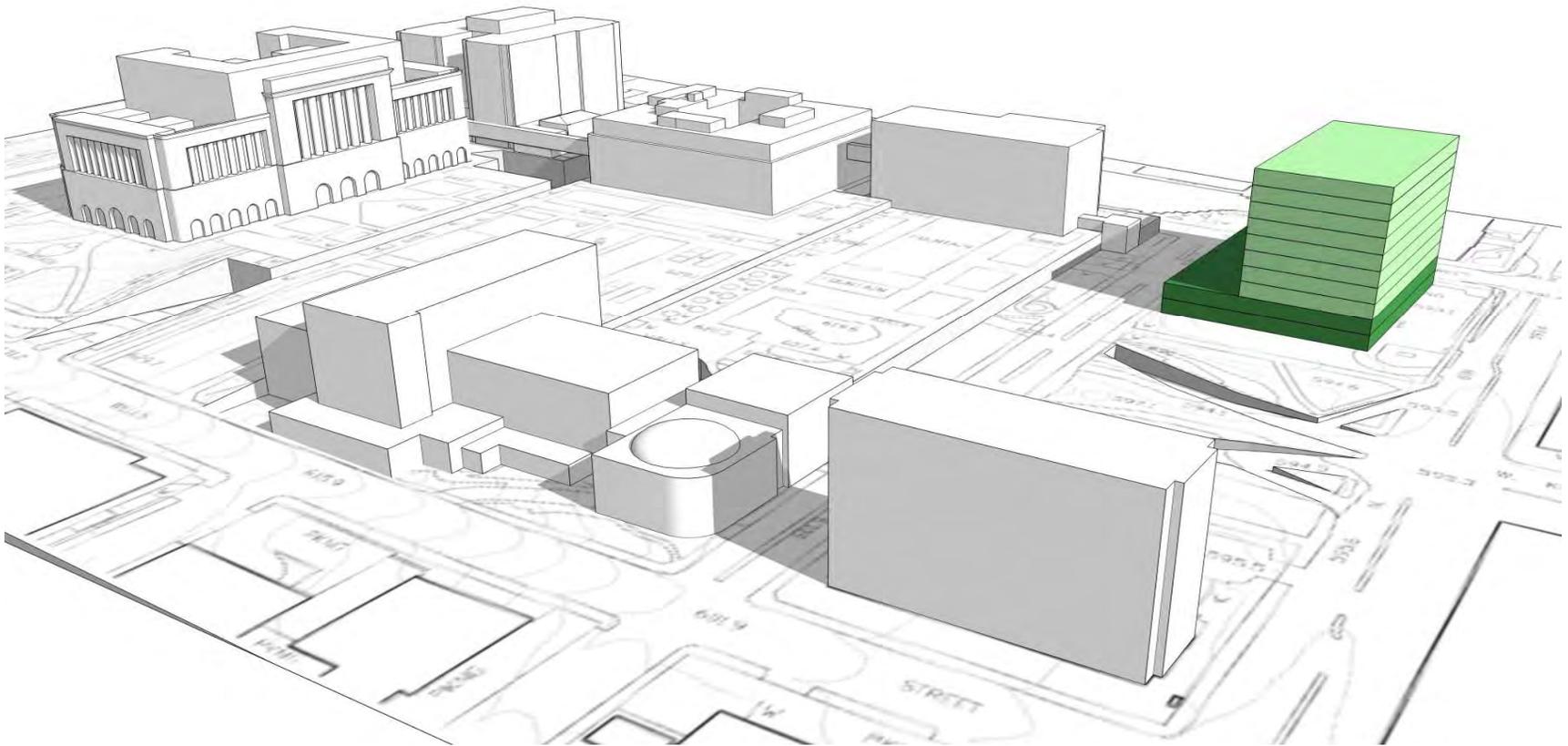
**Table 9  
DOWNTOWN CAMPUS SITE PLAN**



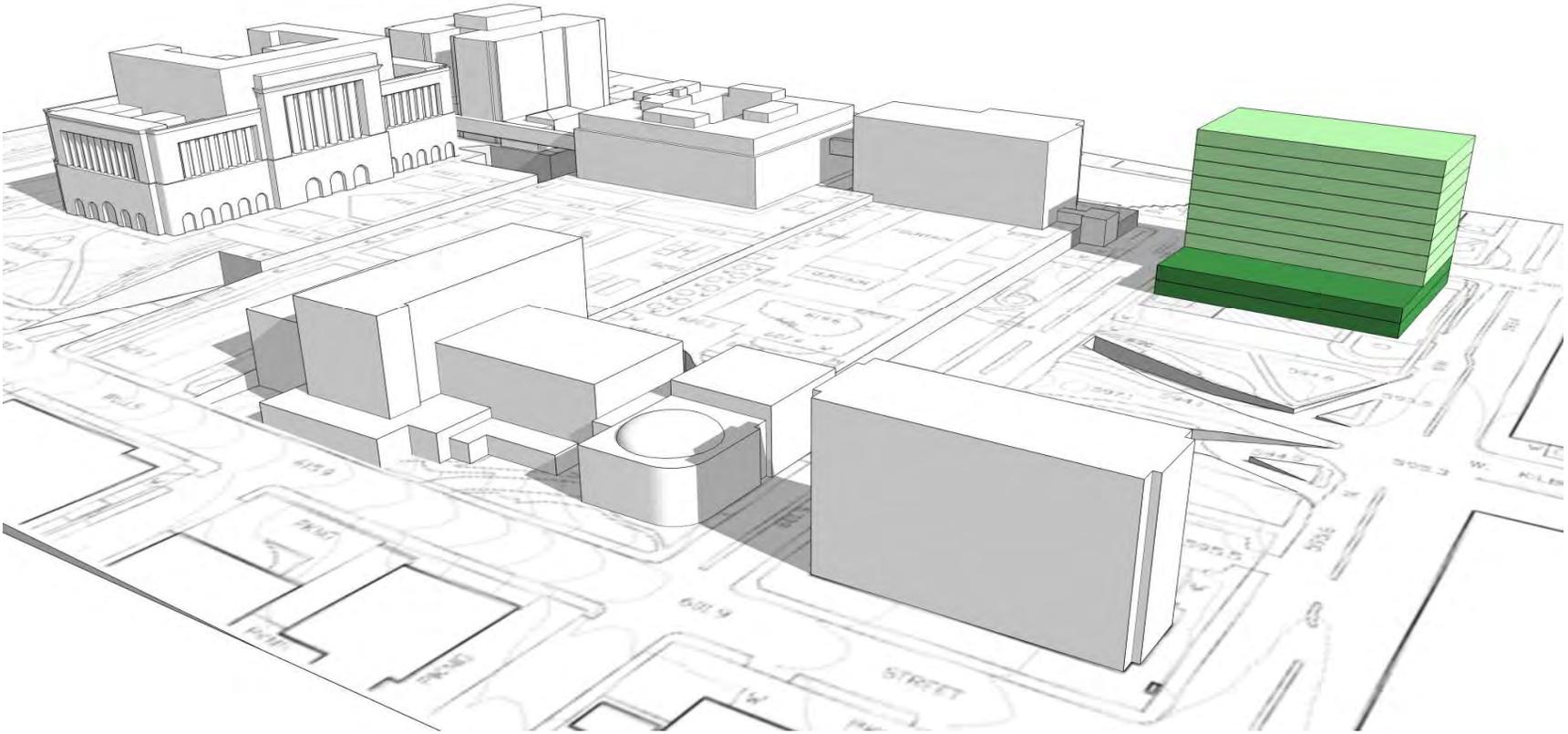
**Table 10**  
**SITE 1 - SAFETY BUILDING SITE**



**Table 11**  
**SITE 2 - 6TH AND STATE STREET SITE**



**Table 12**  
**SITE 2 - 6TH AND STATE STREET SITE (Option)**



SECTION C: STRATEGIC PLAN DEVELOPMENT

Cost Estimates

Tables 13 and 14 present preliminary cost estimates for each scenario on each site. Cost estimates are comprehensive, and include construction costs, contingencies, escalation, and project costs for fees, technology, and furnishings.

Costs for a new building on the Safety Building site (Option 1) range from \$184 million for the Minimum Scenario, to \$213 million for the Maximum Scenario, in year 2020 dollars. Costs are based on a courthouse construction cost of \$320 per foot. Other associated costs include asbestos abatement of the Safety Building (\$5 million); demolition of the building (\$3 million); and potential demolition and reconstruction of bridges/building connectors (\$3 million). This estimate assumes four years of escalation to the mid-point of construction in 2020.

Costs for a new building on the 6<sup>th</sup> and State Streets site (Option 2) range from \$165 million for the Minimum Scenario to \$193 million for the Maximum Scenario in year 2019 dollars. This option does not require the costs associated with the Safety Building, and is believed to be achievable one year sooner since waiting for building renovation and occupant relocation would not be required. However, at some point in the near future the County would still incur the costs associated with renovating the Safety Building, or more likely, with removing and replacing it with something else. As noted earlier, removing it in conjunction with the development of a new criminal courthouse would afford the County the best possible use of the site.

Final Recommendations and Next Steps

Based on the conclusions of the study, it is recommended that a new Criminal Courthouse of approximately 360,000 square feet be developed on the existing Safety Building site (Option 1B).

At this point, there is additional investigation and problem-solving to be performed. Assuming Option 1B is approved, it is envisioned that the remainder of 2016, and some time beyond, should be dedicated to planning for the following:

- Potential swing space for Safety Building occupants. This would potentially include space for the nine Criminal Courts, Criminal Clerk, Court Administration, District Attorney, Sheriff’s Office, JusticePoint Pretrial Services, Wisconsin Community Services, and other County functions.
- Potential permanent space for displaced occupants such as the District Attorney and Sheriff’s Office.
- Additional study of Historic Courthouse occupants to determine potential renovation/restacking plans and recommended system upgrades. As part of that project, potential swing space or permanent relocation space may need to be identified.
- Finally, but not as urgently, consideration should be given to potential renovations and systems upgrades at the Juvenile Justice Center.

**Table 13  
NEW COURTHOUSE COST ESTIMATES**

**SAFETY BUILDING SITE (OPTION 1)**

Category	Unit	OPTION #1A MAXIMUM SCENARIO		OPTION #1B MINIMUM SCENARIO	
		Calculations	Costs	Calculations	Costs
<b>A. CONSTRUCTION COST</b>					
1. Building Construction	\$320 per Building Square Foot	x 425,008	\$136,002,443	x 360,500	\$115,359,924
2. Secure Parking	\$30,000 per Space	x 40 Spaces	\$1,200,000	x 40 Spaces	\$1,200,000
3. Sitework					
a. Asbestos Abatement of Safety Building	\$12.00 per Building Square Foot	x 413,000	\$4,956,000	x 413,000	\$4,956,000
b. Demolition of Safety Building / Bridges	\$8.00 per Building Square Foot	x 413,000	\$3,304,000	x 413,000	\$3,304,000
c. Site Development and Utilities	Approximately 2% of Construction		\$2,500,000		\$2,500,000
4. Building Connectors					
a. Public / Staff Bridge	\$15,000 per Linear Foot	x 100	\$1,500,000	x 100	\$1,500,000
b. Detainee Bridge	\$15,000 per Linear Foot	x 100	\$1,500,000	x 100	\$1,500,000
5. <b>SUBTOTAL BUILDING CONSTRUCTION</b>		<u>Per Square Foot</u> \$355.20	<b>\$150,962,443</b>	<u>Per Square Foot</u> \$361.50	<b>\$130,319,924</b>
<b>B. CONTINGENCY</b>					
1. Design / Construction Contingency	10% of Building Construction	x \$150,962,443	\$15,096,244	x \$130,319,924	\$13,031,992
2. <b>CONSTRUCTION COSTS (2016 Dollars)</b>		<u>Per Square Foot</u> \$390.72	<b>\$166,058,687</b>	<u>Per Square Foot</u> \$397.65	<b>\$143,351,916</b>
<b>C. ESCALATION</b>					
1. Future Escalation	3% per year to 2020 (4 years)	x \$166,058,687	\$19,927,042	x \$143,351,916	\$17,202,230
2. <b>ESCALATED COSTS (2020 Dollars)</b>	(Escalated to the mid-point of construction)	<u>Per Square Foot</u> \$437.61	<b>\$185,985,729</b>	<u>Per Square Foot</u> \$445.37	<b>\$160,554,146</b>
<b>D. OTHER PROJECT COSTS</b>					
1. Design Fees, Permits, Testing	11% of Building Construction	x \$166,058,687	\$18,266,456	x \$143,351,916	\$15,768,711
2. Security/Technology Allowance	\$12.00 per Building Square Foot	x 425,008	\$5,100,092	x 360,500	\$4,325,997
3. Furniture, Fixtures, and Equipment	\$10.00 per Building Square Foot	x 425,008	\$4,250,076	x 360,500	\$3,604,998
4. <b>SUBTOTAL OTHER PROJECT COSTS</b>		<u>Per Square Foot</u> \$64.98	<b>\$27,616,624</b>	<u>Per Square Foot</u> \$65.74	<b>\$23,699,706</b>
<b>E. TOTAL COST</b>					
1. <b>PROJECT COST (2020 Dollars)</b>		\$502.58	<b>\$213,602,353</b>	\$511.11	<b>\$184,253,852</b>

Note: Total costs may not calculate exactly based on square footages shown due to computer rounding of building gross areas.

**Table 14  
NEW COURTHOUSE COST ESTIMATES**

**6TH & STATE STREETS SITE (OPTION 2)**

Category	Unit	OPTION #2A MAXIMUM SCENARIO		OPTION #2B MINIMUM SCENARIO	
		Calculations	Costs	Calculations	Costs
<b>A. CONSTRUCTION COST</b>					
1. Building Construction	\$320 per Building Square Foot	x 425,008	\$136,002,443	x 360,500	\$115,359,924
2. Secure Parking	\$30,000 per Space	x 40 Spaces	\$1,200,000	x 40 Spaces	\$1,200,000
3. Sitework					
a. Asbestos Abatement of Safety Building	\$12.00 per Building Square Foot	x 0	\$0	x 0	\$0
b. Demolition of Safety Building / Bridges	\$8.00 per Building Square Foot	x 0	\$0	x 0	\$0
c. Site Development and Utilities	Approximately 2% of Construction		\$2,500,000		\$2,500,000
4. Building Connectors					
a. Public / Staff Bridge	\$15,000 per Linear Foot	x 0	\$0	x 0	\$0
b. Detainee Tunnel	\$15,000 per Linear Foot	x 0	\$0	x 0	\$0
5. SUBTOTAL BUILDING CONSTRUCTION		<u>Per Square Foot</u> \$328.71	<b>\$139,702,443</b>	<u>Per Square Foot</u> \$330.26	<b>\$119,059,924</b>
<b>B. CONTINGENCY</b>					
1. Design / Construction Contingency	10% of Building Construction	x \$139,702,443	\$13,970,244	x \$119,059,924	\$11,905,992
2. CONSTRUCTION COSTS (2016 Dollars)		<u>Per Square Foot</u> \$361.58	<b>\$153,672,687</b>	<u>Per Square Foot</u> \$363.29	<b>\$130,965,916</b>
<b>C. ESCALATION</b>					
1. Future Escalation	3% per year to 2019 (3 years)	x \$153,672,687	\$13,830,542	x \$130,965,916	\$11,786,932
2. ESCALATED COSTS (2019 Dollars)	(Escalated to the mid-point of construction)	<u>Per Square Foot</u> \$394.12	<b>\$167,503,229</b>	<u>Per Square Foot</u> \$395.99	<b>\$142,752,849</b>
<b>D. OTHER PROJECT COSTS</b>					
1. Design Fees, Permits, Testing	11% of Building Construction	x \$153,672,687	\$16,903,996	x \$130,965,916	\$14,406,251
2. Security/Technology Allowance	\$12.00 per Building Square Foot	x 425,008	\$5,100,092	x 360,500	\$4,325,997
3. Furniture, Fixtures, and Equipment	\$10.00 per Building Square Foot	x 425,008	\$4,250,076	x 360,500	\$3,604,998
4. SUBTOTAL OTHER PROJECT COSTS		<u>Per Square Foot</u> \$61.77	<b>\$26,254,164</b>	<u>Per Square Foot</u> \$61.96	<b>\$22,337,246</b>
<b>E. TOTAL COST</b>					
1. PROJECT COST (2019 Dollars)		\$455.89	<b>\$193,757,392</b>	\$457.95	<b>\$165,090,094</b>

Note: Total costs may not calculate exactly based on square footages shown due to computer rounding of building gross areas.



DETAILED ANALYSIS

OVERVIEW

OVERVIEW

The Executive Summary provides a concise overview of the project. This portion of the report contains the detailed analyses used to support the conclusions and recommendations. The analyses are presented in the following sections:

- Section A: System Factors
- Section B: Circuit Court Analysis and Projections
- Section C: Staff Projections
- Section D: Space Standards
- Section E: Component Evaluations
- Section F: Scenarios and Cost Estimates

Following is a brief summary of each section:

Section A: System Factors

This section examines factors that impact the judicial system. Some of the information obtained was then used to assist in the development of caseload, judgeship, and staff projections. System factors analyzed include: Resident Population, Population by Age; Part I Offenses; Part I Arrests; Part II Arrests; and Sworn Officers. In addition, law enforcement and judicial system comparisons were made between Milwaukee County, Dane County, Waukesha County, and the State of Wisconsin. Finally, information was obtained related to the average daily entry volumes in each of the County’s justice facilities; the average daily detainee movement; and a profile of the number of admissions, average length of stay, and average daily population at the Juvenile Detention Center.

Section B: Circuit Court Analysis and Projections

This section presents the assessment of long-term growth for the Circuit Court. Historical data was obtained for a 20-year period from 1996 to 2015 in order to understand how the court system is evolving. This section presents the methodology used to project future caseload, judgeship, and commissioner positions.

Section C: Staff Projections

In a similar fashion to the judicial system analysis presented in Section B, a methodologically-based approach was used to estimate future staff positions. Staff projections were developed for most of the court-related components housed in the Historic Courthouse, Safety Building, and Juvenile Justice Center.

Section D: Space Standards

This section documents the basic building blocks of a courthouse: the courtrooms, jury deliberation rooms, and judicial chambers. It identifies the number and sizes of courtrooms, hearing rooms, jury rooms, and chambers by building. This allows comparison with the Wisconsin Supreme Court Standards for these spaces. Finally, recommended standards are presented for litigation spaces, courtroom support spaces, detainee holding areas, offices, workstations, and conference rooms based on a combination of the State standards, the national experience of the Consultant, and the local requirements of the Milwaukee County Courts.

OVERVIEW

Section E: Component Evaluations

This section presents the analysis of existing space conditions. Nearly all spaces within the judicial facilities were toured as part of the departmental interview process. Square footages were quantified for all components and for each facility. Color-coded floorplans which show the current location of each component were developed. These plans are presented in Appendix A.

All agencies and components were evaluated in terms of quantity and quality of space. The evaluation focuses both on general overcrowding and on the operational functionality of the space. Spaces were scored on a 10-point scale, and based on the score received, were rated as Appropriate (9-10), Adequate (7-8), Marginal (5-6), Inadequate (3-4), or Inappropriate (1-2).

This methodology illustrates which spaces are most in need of improvement. Spaces that scored in the Inadequate or Inappropriate categories urgently require improvement. In addition, ratios of square footage per staff person were defined. These ratios were then used as benchmarks for projecting future space needs.

Section F: Scenarios and Cost Estimates

This section synthesizes the assessment of needs and existing condition evaluation into a plan to address the long-term spatial and operational requirements of the Milwaukee County Court System. A courtroom reallocation plan for the Historic Courthouse was developed. The plan documents an approach to

improve public safety and public service in the historic building. In addition, two scenarios were developed for a new Criminal Courthouse: a maximum option of 425,000 square feet and a minimum option of 360,000 square feet. Two sites were identified as potential locations for the new facility: the existing Safety Building site, and a parking lot at the corner of 6<sup>th</sup> and State Streets. Cost estimates were developed for each scenario at each site. The recommendation of the planning team and Project Advisory Group is for the smaller building on the Safety Building site.

Appendices

Additional project material is presented in appendices to the report. Appendix A contains building floorplans for each court facility. The plans have been color-coded to indicate the current location of each component. Appendix B contains an engineering report that documents the condition of existing mechanical, electrical, and plumbing systems, and proposes a variety of upgrade options for each facility.

**SECTION A: SYSTEM FACTORS**

SECTION A: SYSTEM FACTORS

SECTION A: SYSTEM FACTORS

In order to understand long-term space needs, it is first important to understand how the Milwaukee County Judicial System is likely to grow over time. And in order to understand and predict that growth, it is necessary to understand some of the factors that can impact the judicial system. This section examines factors that impact the judicial system. Some of the information obtained was then used to assist in the development of caseload, judgeship, and staff projections. System factors analyzed include: Resident Population; Population by Age; Part I Offenses; Part I Arrests; Part II Arrests; and Sworn Officers. In addition, law enforcement and judicial system comparisons were made between Milwaukee County, Dane County, Waukesha County, and the State of Wisconsin. Finally, information was obtained related to: the average daily entry volumes in each of the County's justice facilities; the average daily detainee movement; and a profile of the number of admissions, average length of stay, and average daily population at the Juvenile Detention Center.

RESIDENT POPULATION

Historical and projected resident population information was obtained from the United States Census Bureau and the Demographic Services Center of the Wisconsin Department of Administration. Population information is presented in Tables A-1 through A-3.

Population typically drives the demand for government services, including those provided by the court system. However, it is

possible for demand to increase even with a stable or declining population. For example, in the 10-year period from 1996 to 2006, Milwaukee County's resident population decreased from 950,000 to 930,000. Over this same period, the number of court filings (exclusive of traffic cases) increased from 102,000 to 114,000.

Between 1980 and 2015, Milwaukee County's population decreased, and then rebounded to approximately the same original level. In 1980, there were approximately 964,000 residents, and there are approximately 960,000 residents in 2016. The population is projected to increase to approximately 1,016,000 residents by 2040.

Resident population is getting older. For the 2010 census, 25% of residents were considered juvenile or youth (ages 0-17); 64% adult (ages 18-64); and 12% senior adult (ages 65 and older). By 2040, it is projected that the distribution will be 22% youth, 60% adult, and 17% senior adult.

OFFENSES AND ARRESTS

Offense and arrest information was obtained from the Wisconsin Department of Justice, Bureau of Justice Information and Analysis (BJIA). This information is presented in Tables A-4 through A-9.

Part I Offenses represent the more serious offenses, and those most likely to be reported. The eight crimes in this category include murder, rape, robbery, aggravated assault, burglary, theft, motor vehicle theft, and arson. Part II Offenses represent all other crimes. Offense data is not reported for Part II Offenses, although

**SECTION A: SYSTEM FACTORS**

Part II Arrest data is maintained.

According to the BJIA, reliable data is only available from 2005 to 2014 due to changes in reporting practices. During this period, Part I Violent Offenses increased by 36%, and Part I Property Offenses decreased by 21%. Part I Arrests remained unchanged. Part II Arrests decreased by 39%. The number of sworn officers in the Milwaukee Police Department decreased by 2%, while the number of sworn officers in the Sheriff’s Department decreased by 53%. Overall, the number of sworn officers in the County decreased by 11%.

Table A-7 shows the interrelationships among criminal justice system factors. Of note is the decline in arrests per sworn officer, particularly for Part II Offenses in 2013 and 2014. Part I Offense projections were developed, but due to the relatively short historical period, and recent declining trend line, these projections were not considered to be very reliable, and therefore were not used in the development of court filing forecasts.

**COUNTY COMPARISONS**

Law enforcement and court comparisons were made between Milwaukee County, Dane County, Waukesha County, and the State of Wisconsin. These comparisons are shown on Tables A-10 through A-15.

Milwaukee County is so much larger than the next two most populous counties in the State that comparisons are difficult to make. Milwaukee County is nearly double the size of Dane

County, the next most populous county. But these tables provide some insight with respect to ratios such as offenses and sworn officers per county population; offenses and arrests per sworn officer; court filings and judges per county population; and filings per judge.

**FACILITY ENTRY AND DETAINEE VOLUME**

Data was obtained from the Milwaukee County Sheriff’s Office with respect to visitor entry volume and daily detainee movement. The Milwaukee County Department of Health and Human Services provided information related to the Juvenile Detention Center. This information is presented in Tables A-16 through A-18.

According to the Sheriff’s Office, the four justice facilities (Historic Courthouse, Safety Building, Criminal Justice Facility, and Juvenile Justice Center) averaged approximately 3,100 visitors per day in 2015. Peak volumes were on Mondays, with averages of around 3,500. The Courthouse had the highest percentage of visitors (54%), followed by the Safety Building (21%).

In 2015, a daily average of 66 detainees was moved from the Criminal Justice Facility to the various criminal courtrooms. Peak daily volumes were expressed as being in the 100 to 120 range.

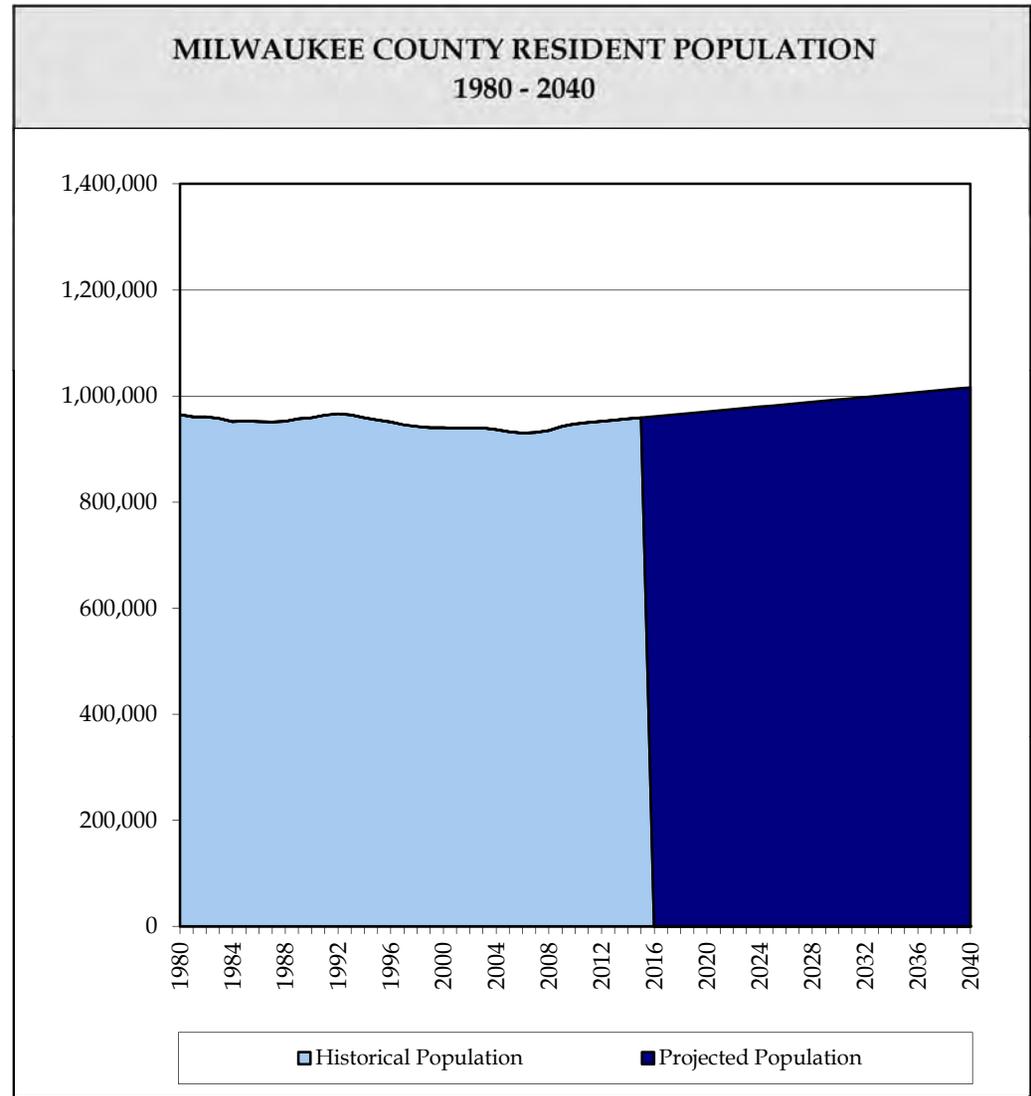
The Juvenile Detention Center averaged nearly 3,000 admissions per year from 2005 to 2014. Admissions have been declining, partly due to an impetus to divert as many children as possible from the Detention Center. However, the average length of stay

**SECTION A: SYSTEM FACTORS**

has been increasing, from approximately 11 days to 16 days. For this reason, the average daily population has remained somewhat consistent at approximately 100 juveniles.

**Table A-1**  
**MILWAUKEE COUNTY RESIDENT POPULATION, 1980 - 2040**

Year	Total Residents	Change per Year	
		Percent	Number
<b>Historical Population</b>			
1980	964,988	--	--
1990	959,212	-0.1%	-578
2000	940,164	-0.2%	-1,905
2010	947,735	0.1%	757
<b>Current Population</b>			
2015	959,154	0.4%	2,284
<b>Projected Population</b>			
2020	970,573	0.2%	2,284
2025	981,993	0.2%	2,284
2030	993,412	0.2%	2,284
2035	1,004,831	0.2%	2,284
2040	1,016,250	0.2%	2,284



Source: U.S. Census Bureau; Wisconsin Department of Administration, Demographic Services Center (December 2013)

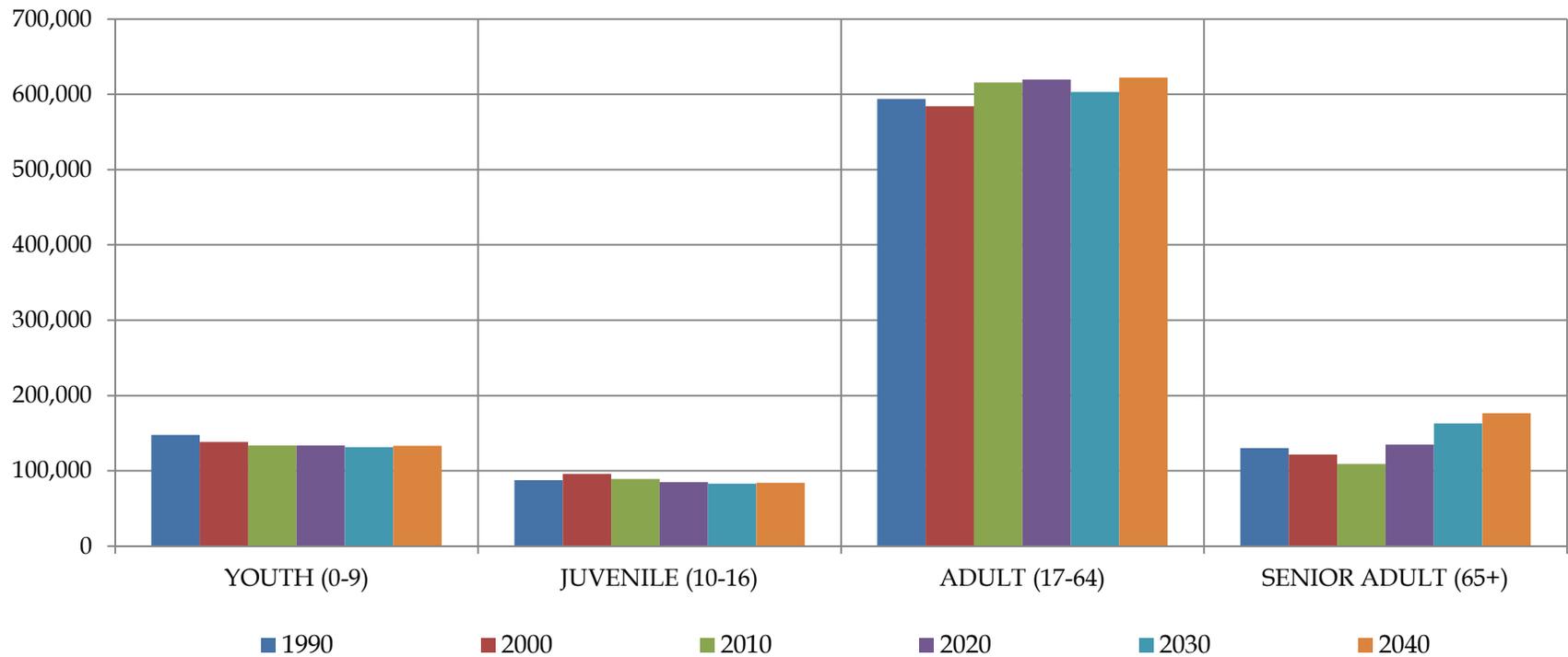
**Table A-2  
MILWAUKEE COUNTY POPULATION BY AGE, 1990 - 2040**

Age Group	HISTORICAL			PROJECTED		
	1990	2000	2010	2020	2030	2040
0-4	76,688	67,141	69,364	71,200	69,800	70,400
5-9	70,891	71,253	64,289	62,400	61,600	62,700
<b>SUBTOTAL - YOUTH</b>	<b>147,579</b> 15%	<b>138,394</b> 15%	<b>133,653</b> 14%	<b>133,600</b> 14%	<b>131,400</b> 13%	<b>133,100</b> 13%
10-16	87,670	95,899	89,315	84,800	82,900	84,100
17	11,965	13,532	13,409	13,000	12,200	12,300
<b>SUBTOTAL - JUVENILE</b>	<b>99,635</b> 10%	<b>109,431</b> 12%	<b>102,724</b> 11%	<b>97,800</b> 10%	<b>95,100</b> 10%	<b>96,400</b> 9%
18-24	104,660	98,309	108,277	103,400	99,500	100,100
25-34	177,043	141,130	146,338	154,200	154,000	149,800
35-44	135,118	143,417	119,301	128,500	131,800	136,600
45-54	83,787	118,257	127,190	107,600	112,700	120,100
55-64	81,190	69,541	101,119	112,700	93,150	103,550
<b>SUBTOTAL - ADULT</b>	<b>581,798</b> 61%	<b>570,654</b> 61%	<b>602,225</b> 64%	<b>606,400</b> 62%	<b>591,150</b> 60%	<b>610,150</b> 60%
65-74	71,924	59,920	51,884	81,300	88,850	79,600
75-84	43,801	45,253	38,262	36,080	56,400	67,950
85 & over	14,538	16,512	18,987	17,430	17,550	29,050
<b>SUBTOTAL - SENIOR ADULT</b>	<b>130,263</b> 14%	<b>121,685</b> 13%	<b>109,133</b> 12%	<b>134,810</b> 14%	<b>162,800</b> 17%	<b>176,600</b> 17%
<b>TOTAL</b>	<b>959,275</b> 100%	<b>940,164</b> 100%	<b>947,735</b> 100%	<b>972,610</b> 100%	<b>980,450</b> 100%	<b>1,016,250</b> 100%

Source: U.S. Census Bureau; Wisconsin Department of Administration, Demographic Services Center (December 2013)

**Table A-3  
MILWAUKEE COUNTY POPULATION BY AGE, 1990 - 2040**

AGE	HISTORICAL			CHANGE: 1990-2010		PROJECTED			CHANGE: 2010-2040	
	1990	2000	2010	Number	Percentage	2020	2030	2040	Number	Percentage
<b>YOUTH (0-9)</b>	147,579	138,394	133,653	- 13,926	-9.4%	133,600	131,400	133,100	- 553	-0.4%
<b>JUVENILE (10-16)</b>	87,670	95,899	89,315	1,645	1.9%	84,800	82,900	84,100	- 5,215	-5.8%
<b>ADULT (17-64)</b>	593,673	584,186	615,634	21,961	3.7%	619,400	603,350	622,450	6,816	1.1%
<b>SENIOR ADULT (65+)</b>	130,263	121,685	109,133	- 21,130	-16.2%	134,810	162,800	176,600	67,467	61.8%
<b>TOTAL</b>	<b>959,185</b>	<b>940,164</b>	<b>947,735</b>	<b>- 11,450</b>	<b>-1.2%</b>	<b>972,610</b>	<b>980,450</b>	<b>1,016,250</b>	<b>68,515</b>	<b>7.2%</b>



**OFFENSES AND ARRESTS**

**Table A-4  
OFFENSE AND ARREST CLASSIFICATIONS**

<b>VIOLENT CRIMES</b>	Murder* Rape* Robbery* Aggravated Assault*  <i>* Part I Offenses</i>		
<b>PROPERTY CRIMES</b>	<table border="0"> <tr> <td align="center">                             Burglary*                              Theft*                              Motor Vehicle Theft*                              Arson*                              Forgery                         </td> <td align="center">                             Fraud                              Embezzlement                              Stolen Property                              Vandalism                         </td> </tr> </table> <i>* Part I Offenses</i>	Burglary* Theft* Motor Vehicle Theft* Arson* Forgery	Fraud Embezzlement Stolen Property Vandalism
Burglary* Theft* Motor Vehicle Theft* Arson* Forgery	Fraud Embezzlement Stolen Property Vandalism		
<b>DRUG CRIMES</b>	<table border="0"> <tr> <td align="center">                             Opium / Cocaine Sales                              Marijuana Sales                              Synthetic Narcotic Sales                              Other Drug Sales                         </td> <td align="center">                             Opium / Cocaine Possession                              Marijuana Possession                              Synthetic Narcotic Possession                              Other Drug Possession                         </td> </tr> </table>	Opium / Cocaine Sales Marijuana Sales Synthetic Narcotic Sales Other Drug Sales	Opium / Cocaine Possession Marijuana Possession Synthetic Narcotic Possession Other Drug Possession
Opium / Cocaine Sales Marijuana Sales Synthetic Narcotic Sales Other Drug Sales	Opium / Cocaine Possession Marijuana Possession Synthetic Narcotic Possession Other Drug Possession		
<b>CRIMES AGAINST SOCIETY</b>	<table border="0"> <tr> <td align="center">                             Weapons                              Prostitution                              Sex Offenses                              Gambling Violations                              Driving While Intoxicated                         </td> <td align="center">                             Liquor Laws                              Disorderly Conduct                              Vagrancy                              Curfew and Loitering                              Runaways                         </td> </tr> </table>	Weapons Prostitution Sex Offenses Gambling Violations Driving While Intoxicated	Liquor Laws Disorderly Conduct Vagrancy Curfew and Loitering Runaways
Weapons Prostitution Sex Offenses Gambling Violations Driving While Intoxicated	Liquor Laws Disorderly Conduct Vagrancy Curfew and Loitering Runaways		
<b>OTHER CRIMES</b>	<table border="0"> <tr> <td align="center">                             Negligent Manslaughter                              Other Assaults                         </td> <td align="center">                             Family Offenses                              All Other (Except Traffic)                         </td> </tr> </table>	Negligent Manslaughter Other Assaults	Family Offenses All Other (Except Traffic)
Negligent Manslaughter Other Assaults	Family Offenses All Other (Except Traffic)		

Source: Wisconsin Department of Justice, Bureau of Justice Information and Analysis

**Table A-5  
PART I OFFENSES AND PART I ARRESTS, 2005 - 2014**

System Factor	Historical Period										Period Change	
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014		
<b>PART I OFFENSES</b>												
VIOLENT CRIMES	Murder	130	106	107	74	75	100	91	101	110	92	-29%
	Rape	327	277	300	256	254	235	250	275	293	306	-6%
	Robbery	3,250	4,036	3,896	3,596	3,445	3,204	3,383	3,433	3,591	3,901	20%
	Aggravated Assault	3,225	5,417	5,513	5,289	4,258	4,008	3,656	4,917	4,655	5,151	60%
	<b>SUBTOTAL</b>	<b>6,932</b>	<b>9,836</b>	<b>9,816</b>	<b>9,215</b>	<b>8,032</b>	<b>7,547</b>	<b>7,380</b>	<b>8,726</b>	<b>8,649</b>	<b>9,450</b>	<b>36%</b>
PROPERTY CRIMES	Burglary	6,325	7,490	7,984	8,140	8,275	7,810	8,647	8,747	8,151	7,364	16%
	Theft	35,658	34,287	35,144	34,654	34,017	31,701	29,567	29,455	26,512	24,550	-31%
	Motor Vehicle Theft	7,473	9,151	8,494	7,171	5,408	4,817	5,084	5,224	4,767	7,270	-3%
	Arson	322	377	390	367	395	291	316	350	316	312	-3%
	<b>SUBTOTAL</b>	<b>49,778</b>	<b>51,305</b>	<b>52,012</b>	<b>50,332</b>	<b>48,095</b>	<b>44,619</b>	<b>43,614</b>	<b>43,776</b>	<b>39,746</b>	<b>39,496</b>	<b>-21%</b>
<b>TOTAL OFFENSES</b>	<b>56,710</b>	<b>61,141</b>	<b>61,828</b>	<b>59,547</b>	<b>56,127</b>	<b>52,166</b>	<b>50,994</b>	<b>52,502</b>	<b>48,395</b>	<b>48,946</b>	<b>-14%</b>	
<b>PART I ARRESTS</b>												
VIOLENT CRIMES	Murder	114	114	112	111	82	101	90	108	102	97	-15%
	Rape	289	231	319	319	262	270	292	218	155	161	-44%
	Robbery	809	1,022	1,271	1,280	1,000	1,174	1,292	1,138	1,187	1,050	30%
	Aggravated Assault	1,073	1,837	1,577	1,619	1,633	1,742	1,732	2,439	1,866	1,354	26%
	<b>SUBTOTAL</b>	<b>2,285</b>	<b>3,204</b>	<b>3,279</b>	<b>3,329</b>	<b>2,977</b>	<b>3,287</b>	<b>3,406</b>	<b>3,903</b>	<b>3,310</b>	<b>2,662</b>	<b>16%</b>
PROPERTY CRIMES	Burglary	735	806	885	1,041	1,260	1,291	1,283	1,325	1,015	753	2%
	Theft	8,616	7,308	8,271	9,012	9,204	8,200	8,599	10,298	9,210	8,613	0%
	Motor Vehicle Theft	860	1,091	553	351	168	188	189	260	209	276	-68%
	Arson	76	53	57	52	39	43	43	41	38	40	-47%
	<b>SUBTOTAL</b>	<b>10,287</b>	<b>9,258</b>	<b>9,766</b>	<b>10,456</b>	<b>10,671</b>	<b>9,722</b>	<b>10,114</b>	<b>11,924</b>	<b>10,472</b>	<b>9,682</b>	<b>-6%</b>
<b>TOTAL ARRESTS</b>	<b>12,572</b>	<b>12,462</b>	<b>13,045</b>	<b>13,785</b>	<b>13,648</b>	<b>13,009</b>	<b>13,520</b>	<b>15,827</b>	<b>13,782</b>	<b>12,344</b>	<b>-2%</b>	
<b>ARREST RATE</b>											<b>AVG.</b>	
VIOLENT CRIMES	Murder	88%	108%	105%	150%	109%	101%	99%	107%	93%	105%	106%
	Rape	88%	83%	106%	125%	103%	115%	117%	79%	53%	53%	92%
	Robbery	25%	25%	33%	36%	29%	37%	38%	33%	33%	27%	32%
	Aggravated Assault	33%	34%	29%	31%	38%	43%	47%	50%	40%	26%	37%
	<b>SUBTOTAL</b>	<b>33%</b>	<b>33%</b>	<b>33%</b>	<b>36%</b>	<b>37%</b>	<b>44%</b>	<b>46%</b>	<b>45%</b>	<b>38%</b>	<b>28%</b>	<b>37%</b>
PROPERTY CRIMES	Burglary	12%	11%	11%	13%	15%	17%	15%	15%	12%	10%	13%
	Theft	24%	21%	24%	26%	27%	26%	29%	35%	35%	35%	28%
	Motor Vehicle Theft	12%	12%	7%	5%	3%	4%	4%	5%	4%	4%	6%
	Arson	24%	14%	15%	14%	10%	15%	14%	12%	12%	13%	14%
	<b>SUBTOTAL</b>	<b>21%</b>	<b>18%</b>	<b>19%</b>	<b>21%</b>	<b>22%</b>	<b>22%</b>	<b>23%</b>	<b>27%</b>	<b>26%</b>	<b>25%</b>	<b>22%</b>
<b>TOTAL ARREST RATE</b>	<b>22%</b>	<b>20%</b>	<b>21%</b>	<b>23%</b>	<b>24%</b>	<b>25%</b>	<b>27%</b>	<b>30%</b>	<b>28%</b>	<b>25%</b>	<b>25%</b>	

Source: Wisconsin Department of Justice, Bureau of Justice Information and Analysis

**Table A-6**  
**CRIMINAL JUSTICE SYSTEM FACTORS AND POPULATION, 2005 - 2014**

System Factor	Historical Period										Period Change
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	
<b>MILWAUKEE COUNTY POPULATION</b>	932,540	930,263	931,453	934,752	942,668	947,735	950,019	952,303	954,587	956,870	2.6%
<b>PART I OFFENSES</b>											
<i>Violent Offenses</i>	6,932	9,836	9,816	9,215	8,032	7,547	7,380	8,726	8,649	9,450	36%
<i>Property Offenses</i>	49,778	51,305	52,012	50,332	48,095	44,619	43,614	43,776	39,746	39,496	-21%
<b>TOTAL OFFENSES</b>	<b>56,710</b>	<b>61,141</b>	<b>61,828</b>	<b>59,547</b>	<b>56,127</b>	<b>52,166</b>	<b>50,994</b>	<b>52,502</b>	<b>48,395</b>	<b>48,946</b>	<b>-14%</b>
<b>PART I AND PART II ARRESTS</b>											
<i>Part I Arrests</i>	12,572	12,462	13,045	13,785	13,648	13,009	13,520	15,827	13,782	12,344	-2%
<i>Part II Arrests</i>	68,489	70,477	70,444	68,898	67,620	67,005	64,630	64,339	52,090	41,847	-39%
<b>TOTAL ARRESTS</b>	<b>81,061</b>	<b>82,939</b>	<b>83,489</b>	<b>82,683</b>	<b>81,268</b>	<b>80,014</b>	<b>78,150</b>	<b>80,166</b>	<b>65,872</b>	<b>54,191</b>	<b>-33%</b>
<b>SWORN OFFICERS</b>											
<i>Milwaukee Police Department</i>	1,922	1,951	1,936	2,016	1,921	1,936	1,862	1,906	1,862	1,890	-2%
<i>Milwaukee County Sheriff's Department</i>	604	533	516	489	449	416	369	322	299	281	-53%
<i>All Other Police Departments (19 Total)</i>	730	721	739	742	748	737	749	750	735	732	0%
<b>TOTAL SWORN OFFICERS</b>	<b>3,256</b>	<b>3,205</b>	<b>3,191</b>	<b>3,247</b>	<b>3,118</b>	<b>3,089</b>	<b>2,980</b>	<b>2,978</b>	<b>2,896</b>	<b>2,903</b>	<b>-11%</b>
<b>CRIMINAL FILINGS</b>											
<i>Felony</i>	6,980	6,776	6,270	6,437	5,845	6,194	6,109	6,144	5,687	5,560	-20%
<i>Misdemeanor / Criminal Traffic</i>	22,173	18,411	15,302	14,045	12,180	11,036	10,158	9,531	8,230	7,756	-65%
<b>ADULT CRIMINAL SUBTOTAL</b>	<b>29,153</b>	<b>25,187</b>	<b>21,572</b>	<b>20,482</b>	<b>18,025</b>	<b>17,230</b>	<b>16,267</b>	<b>15,675</b>	<b>13,917</b>	<b>13,316</b>	<b>-54%</b>
<i>Delinquency</i>	2,764	2,736	2,622	2,359	1,975	1,704	1,772	1,838	1,611	1,420	-49%
<b>RATIOS PER POPULATION</b>											<b>AVG.</b>
<i>Violent Crime per 1,000 Residents</i>	7.4	10.6	10.5	9.9	8.5	8.0	7.8	9.2	9.1	9.9	9.1
<i>Property Crime per 1,000 Residents</i>	53.4	55.2	55.8	53.8	51.0	47.1	45.9	46.0	41.6	41.3	49.1
Part I Offenses per 1,000 Residents	60.8	65.7	66.4	63.7	59.5	55.0	53.7	55.1	50.7	51.2	58.2
Part I Arrests per 1,000 Residents	13.5	13.4	14.0	14.7	14.5	13.7	14.2	16.6	14.4	12.9	14.2
Total Arrests per 1,000 Residents	86.9	89.2	89.6	88.5	86.2	84.4	82.3	84.2	69.0	56.6	81.7
Sworn Officers per 1,000 Residents	3.5	3.4	3.4	3.5	3.3	3.3	3.1	3.1	3.0	3.0	3.3
Sheriff's Dept. Sworn per 1,000 Residents	0.65	0.57	0.55	0.52	0.48	0.44	0.39	0.34	0.31	0.29	0.5

Source: Wisconsin Department of Justice, Bureau of Justice Information and Analysis

**Table A-7  
INTERRELATIONSHIPS AMONG CRIMINAL JUSTICE SYSTEM FACTORS, 2005 - 2014**

System Factor	Historical Period										Period Change	
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014		
<b>PART I OFFENSES</b>	<b>56,710</b>	<b>61,141</b>	<b>61,828</b>	<b>59,547</b>	<b>56,127</b>	<b>52,166</b>	<b>50,994</b>	<b>52,502</b>	<b>48,395</b>	<b>48,946</b>	<b>-14%</b>	
<b>PART I AND PART II ARRESTS</b>												
Part I Arrests	12,572	12,462	13,045	13,785	13,648	13,009	13,520	15,827	13,782	12,344	-2%	
Part II Arrests	68,489	70,477	70,444	68,898	67,620	67,005	64,630	64,339	52,090	41,847	-39%	
<b>TOTAL ARRESTS</b>	<b>81,061</b>	<b>82,939</b>	<b>83,489</b>	<b>82,683</b>	<b>81,268</b>	<b>80,014</b>	<b>78,150</b>	<b>80,166</b>	<b>65,872</b>	<b>54,191</b>	<b>-33%</b>	
<b>PART I AND PART II ARRESTS BY AGE</b>												
<b>ADULT</b>	<i>Violent</i>	1,663	2,448	2,479	2,593	2,377	2,670	2,621	3,207	2,692	2,130	28%
	<i>Property</i>	9,683	8,765	9,363	10,243	10,611	9,944	10,362	12,186	10,773	9,933	3%
	<i>Drug</i>	5,292	4,954	5,405	5,699	5,780	6,661	6,039	6,113	4,882	4,494	-15%
	<i>Society</i>	24,377	23,615	22,901	23,109	22,244	21,835	19,367	18,725	15,366	12,854	-47%
	<i>Other</i>	17,521	19,571	20,655	19,553	20,133	21,360	22,026	23,053	19,314	15,533	-11%
	<b>SUBTOTAL</b>	<b>58,536</b>	<b>59,353</b>	<b>60,803</b>	<b>61,197</b>	<b>61,145</b>	<b>62,470</b>	<b>60,415</b>	<b>63,284</b>	<b>53,027</b>	<b>44,944</b>	<b>-23%</b>
<b>JUVENILE</b>	<i>Violent</i>	622	756	800	736	600	617	785	696	618	532	-14%
	<i>Property</i>	4,622	4,161	4,410	4,560	3,994	3,475	3,315	3,613	2,717	2,510	-46%
	<i>Drug</i>	1,330	1,385	1,312	1,233	1,155	1,164	940	975	799	679	-49%
	<i>Society</i>	10,453	11,499	10,645	9,397	8,395	7,014	7,133	6,066	4,427	2,862	-73%
	<i>Other</i>	5,498	5,785	5,519	5,560	5,979	5,274	5,562	5,532	4,284	2,664	-52%
	<b>SUBTOTAL</b>	<b>22,525</b>	<b>23,586</b>	<b>22,686</b>	<b>21,486</b>	<b>20,123</b>	<b>17,544</b>	<b>17,735</b>	<b>16,882</b>	<b>12,845</b>	<b>9,247</b>	<b>-59%</b>
<b>SWORN OFFICERS</b>	<b>3,256</b>	<b>3,205</b>	<b>3,191</b>	<b>3,247</b>	<b>3,118</b>	<b>3,089</b>	<b>2,980</b>	<b>2,978</b>	<b>2,896</b>	<b>2,903</b>	<b>-11%</b>	
<b>CRIMINAL FILINGS</b>												
<i>Felony</i>	6,980	6,776	6,270	6,437	5,845	6,194	6,109	6,144	5,687	5,560	-20%	
<i>Misdemeanor / Criminal Traffic</i>	22,173	18,411	15,302	14,045	12,180	11,036	10,158	9,531	8,230	7,756	-65%	
<b>ADULT CRIMINAL SUBTOTAL</b>	<b>29,153</b>	<b>25,187</b>	<b>21,572</b>	<b>20,482</b>	<b>18,025</b>	<b>17,230</b>	<b>16,267</b>	<b>15,675</b>	<b>13,917</b>	<b>13,316</b>	<b>-54%</b>	
<i>Delinquency</i>	2,764	2,736	2,622	2,359	1,975	1,704	1,772	1,838	1,611	1,420	-49%	
<b>RATIOS PER SWORN OFFICER</b>											<b>AVG.</b>	
Part I Offenses per Sworn Officers	17.4	19.1	19.4	18.3	18.0	16.9	17.1	17.6	16.7	16.9	17.7	
Part I Arrests per Sworn Officer	3.9	3.9	4.1	4.2	4.4	4.2	4.5	5.3	4.8	4.3	4.4	
Part II Arrests per Sworn Officer	21.0	22.0	22.1	21.2	21.7	21.7	21.7	21.6	18.0	14.4	20.5	
Total Arrests per Sworn Officer	24.9	25.9	26.2	25.5	26.1	25.9	26.2	26.9	22.7	18.7	24.9	
<b>RATIOS PER COURT FILING</b>											<b>AVG.</b>	
Part I Offenses per Felony Filing	8.1	9.0	9.9	9.3	9.6	8.4	8.3	8.5	8.5	8.8	8.8	
Part I Offenses per Adult Criminal Filing	1.9	2.4	2.9	2.9	3.1	3.0	3.1	3.3	3.5	3.7	3.0	
Part I Arrests per Felony Filing	1.8	1.8	2.1	2.1	2.3	2.1	2.2	2.6	2.4	2.2	2.2	
Adult Arrests per Felony & Misdemeanor Filing	2.0	2.4	2.8	3.0	3.4	3.6	3.7	4.0	3.8	3.4	3.2	
Juvenile Arrests per Delinquency Filing	8.1	8.6	8.7	9.1	10.2	10.3	10.0	9.2	8.0	6.5	8.9	

Source: Wisconsin Department of Justice, Bureau of Justice Information and Analysis

**Table A-8  
PART I OFFENSE PROJECTIONS, 2020 - 2040**

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Part I Offenses	56,710	61,141	61,828	59,547	56,127	52,166	50,994	52,502	48,395	48,946
Offenses / 1,000 Pop.	60.8	65.7	66.4	63.7	59.5	55.0	53.7	55.1	50.7	51.2
Milwaukee Co. Population	932,540	930,263	931,453	934,752	942,668	947,735	950,019	952,303	954,587	956,870

HISTORICAL PERIOD: 2005-2014	Percent Change		Number Change		2005-14
	Period	Annual	Period	Annual	Average
Part I Offenses	-13.7%	-1.52%	-7,764	-862.7	54,836
Offenses per 1,000 Population	-15.9%	-1.77%	-9.66	-1.07	58.2

PROJECTIONS OF RELEVANT VARIABLES	2020	2025	2030	2035	2040
	Milwaukee County Population	970,573	981,993	993,412	1,004,831

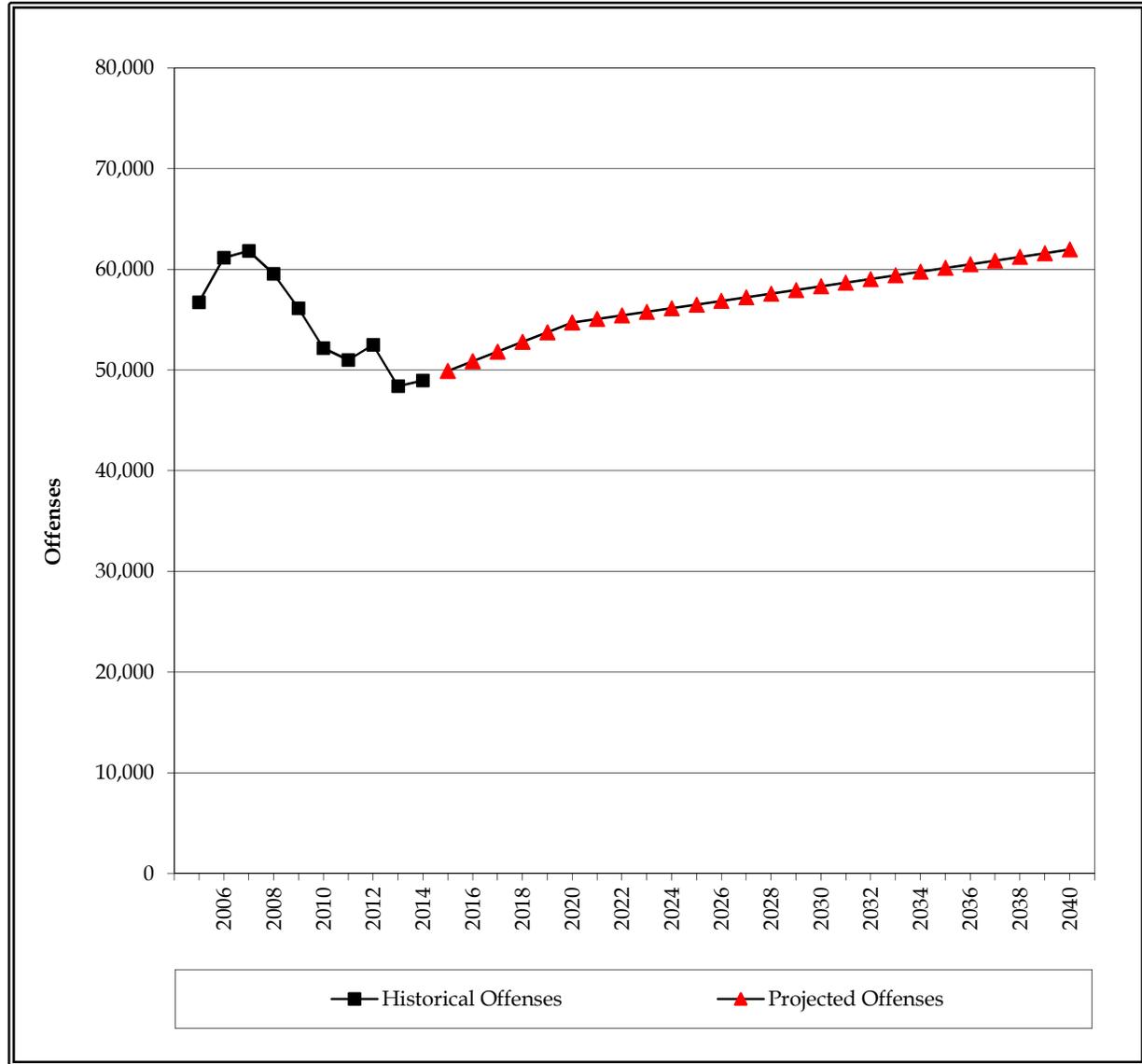
FORECAST MODELS	2020	2025	2030	2035	2040
<b>1) HISTORICAL TREND -- % CHANGE</b>					
= -1.52% /year from base: 48,946	45,223	41,500	37,778	34,055	30,332
<b>2) HISTORICAL TREND -- # CHANGE</b>					
= -862.7 /year from base: 48,946	44,633	40,319	36,006	31,693	27,379
<b>3) MODIFIED HIST. TREND -- % CHANGE</b>					
= Average 2005-2006 to Average 2013-2014					
= 58,926 -> 48,671 = -17.4%					
= -1.93% /year from base: 48,946	44,214	39,481	34,749	30,017	25,284
<b>4) MODIFIED HIST. TREND -- # CHANGE</b>					
= -1,139.4 /year from base: 48,946	43,249	37,552	31,854	26,157	20,460
<b>5) MEAN DEVIATION -- FILINGS</b>					
= Period Average to High Year					
= 699.2 /year from base: 48,946	52,442	55,938	59,435	62,931	66,427
<b>6) RATIO TO POPULATION -- % CHANGE</b>	45,266	41,365	37,362	33,255	29,045
= -1.77% /year from base: 51.2	46.6	42.1	37.6	33.1	28.6
<b>7) RATIO TO POPULATION -- # CHANGE</b>	44,438	39,691	34,821	29,828	24,713
= -1.07 /year from base: 51.2	45.8	40.4	35.1	29.7	24.3
<b>8) MODIFIED POP. RATIO -- % CHANGE</b>					
= Average 2005-2006 to Average 2013-2014					
= 63.3 -> 50.9 = -19.5%	44,266	39,342	34,292	29,115	23,811
= -2.17% /year from base: 51.2	45.6	40.1	34.5	29.0	23.4

FORECAST MODELS	2020	2025	2030	2035	2040
<b>9) MEAN DEVIATION -- POP. RATIO</b>					
= Period Average to High Year	53,622	58,276	63,022	67,863	72,796
= 0.82 /year from base: 51.2	55.2	59.3	63.4	67.5	71.6
<b>10) LINEAR REGRESSION -- OFFENSES</b>	39,859	32,727	25,595	18,464	11,332
= Least Squares Analysis	41.1	33.3	25.8	18.4	11.2
<b>11) LINEAR REGRESSION -- RATIO</b>	38,998	31,037	22,881	14,529	5,980
= Least Squares Analysis	40.2	31.6	23.0	14.5	5.9
<b>12) AVG. RATIO TO POP. (2005-2014)</b>	56,474	57,138	57,803	58,467	59,131
= 58.2 offenses per 1,000 pop.	58.2	58.2	58.2	58.2	58.2
<b>13) 5-YEAR RATIO TO POP. (2010-2014)</b>	51,576	52,183	52,790	53,397	54,004
= 53.1 offenses per 1,000 pop.	53.1	53.1	53.1	53.1	53.1
<b>14) CURRENT RATIO TO POP. (2014)</b>	49,647	50,231	50,815	51,399	51,983
= 51.2 offenses per 1,000 pop.	51.2	51.2	51.2	51.2	51.2
<b>15) HIGH RATIO TO POP. (2007)</b>	64,425	65,183	65,941	66,699	67,457
= 66.4 offenses per 1,000 pop.	66.4	66.4	66.4	66.4	66.4
<b>RECOMMENDED FORECAST ==&gt;</b>					
<b>AVERAGE MODELS SHOWN WITH "&lt;="</b>	<b>54,698</b>	<b>56,492</b>	<b>58,301</b>	<b>60,126</b>	<b>61,966</b>
<i>Offenses per 1,000 Population:</i>	<b>56.4</b>	<b>57.5</b>	<b>58.7</b>	<b>59.8</b>	<b>61.0</b>

**Table A-9  
PART I OFFENSE PROJECTIONS, 2020 - 2040**

HISTORICAL OFFENSES	
2005	56,710
2006	61,141
2007	61,828
2008	59,547
2009	56,127
2010	52,166
2011	50,994
2012	52,502
2013	48,395
2014	48,946
PROJECTED OFFENSES	
2015	49,905
2020	54,698
2025	56,492
2030	58,301
2035	60,126
2040	61,966



**COUNTY COMPARISONS AND OTHER FACTORS**

**Table A-10  
MILWAUKEE COUNTY LAW ENFORCEMENT COMPARISONS**

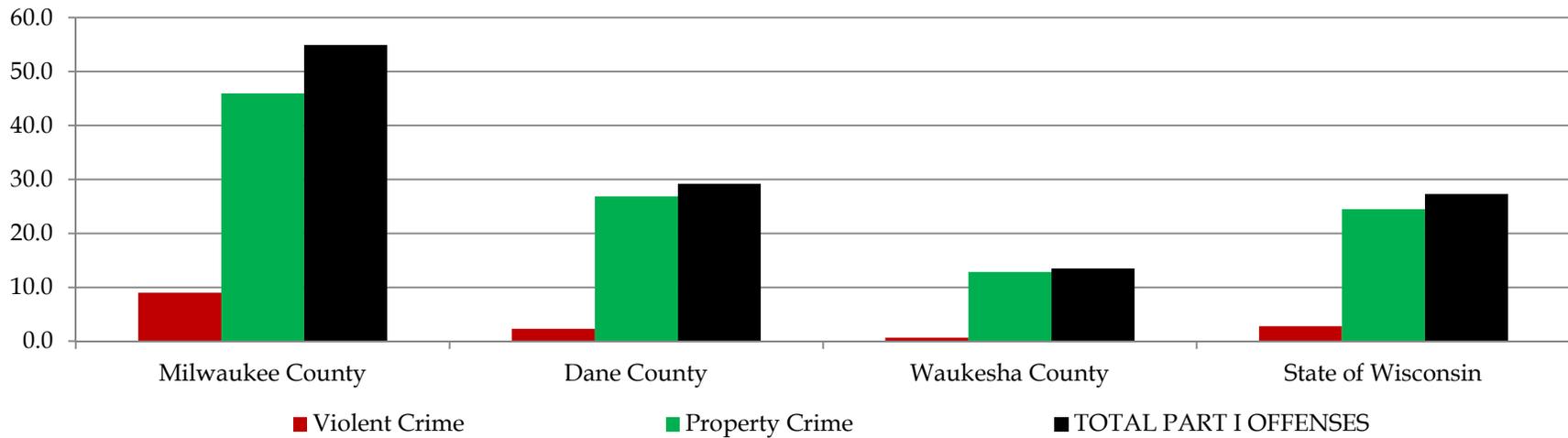
<b>System Factor</b>	<b>Milwaukee County</b>	<b>Dane County</b>	<b>Waukesha County</b>	<b>State of Wisconsin</b>
<b>POPULATION (2010 Census)</b>	947,735	488,073	389,891	5,686,986
<b>PART I OFFENSES (2012)</b>				
Violent Crime	8,553	1,122	254	15,969
Property Crime	43,534	13,122	5,017	139,102
<b>TOTAL PART I OFFENSES</b>	<b>52,087</b>	<b>14,244</b>	<b>5,271</b>	<b>155,071</b>
<b>ARRESTS (2012)</b>				
Violent Crime	3,752	526	175	9,000
Property Crime	15,664	4,406	2,540	57,012
Drug Crime	7,052	2,005	1,031	27,345
Crimes Against Society	24,701	8,753	4,255	121,445
Other Crime	28,517	7,728	3,069	126,091
<b>TOTAL ARRESTS</b>	<b>79,686</b>	<b>23,418</b>	<b>11,070</b>	<b>340,893</b>
<b>SWORN OFFICERS (2012)</b>	2,978	1,272	664	12,586
<b>RATIOS TO POPULATION</b>				
<b>OFFENSES (per 1,000 Population)</b>				
Violent Crime	9.0	2.3	0.7	2.8
Property Crime	45.9	26.9	12.9	24.5
<b>TOTAL PART I OFFENSES</b>	<b>55.0</b>	<b>29.2</b>	<b>13.5</b>	<b>27.3</b>
<b>SWORN OFFICERS (per 1,000 Pop.)</b>	3.1	2.6	1.7	2.2
<b>OFFENSES PER SWORN OFFICER</b>				
Violent Crime	2.9	0.9	0.4	1.3
Property Crime	14.6	10.3	7.6	11.1
<b>TOTAL</b>	<b>17.5</b>	<b>11.2</b>	<b>7.9</b>	<b>12.3</b>
<b>ARRESTS PER SWORN OFFICER</b>				
Violent Crime	1.3	0.4	0.3	0.7
Property Crime	5.3	3.5	3.8	4.5
Drug Crime	2.4	1.6	1.6	2.2
Crimes Against Society	8.3	6.9	6.4	9.6
Other Crime	9.6	6.1	4.6	10.0
<b>TOTAL</b>	<b>26.8</b>	<b>18.4</b>	<b>16.7</b>	<b>27.1</b>

Note: Highest ratios and offenses/arrests per officer are shown in red.

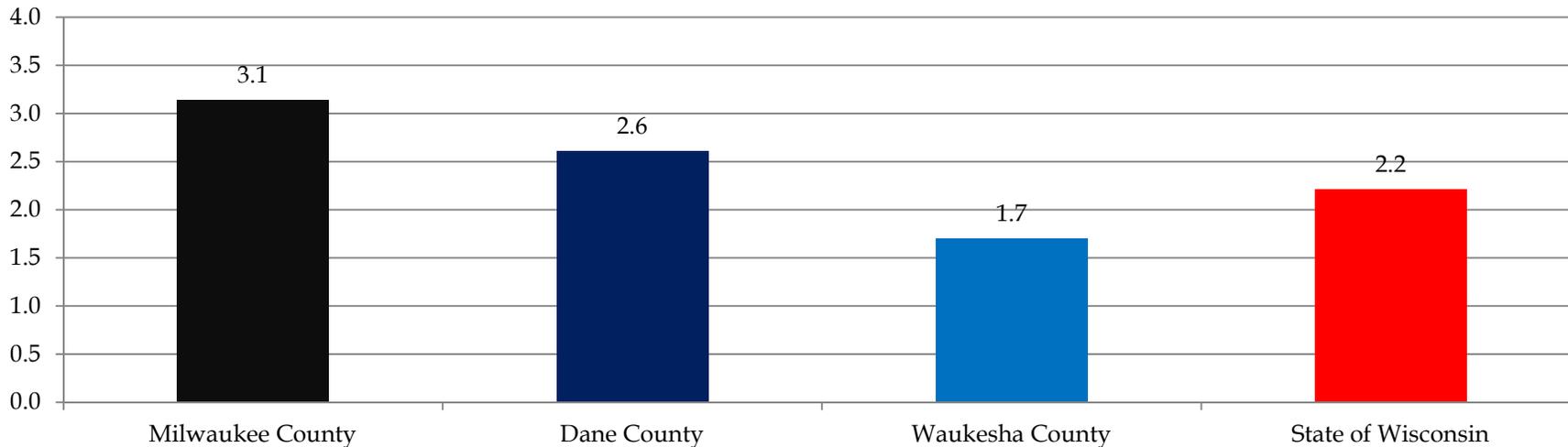
Source: Wisconsin Department of Justice, Bureau of Justice Information and Analysis

**Table A-11  
LAW ENFORCEMENT RATIOS TO POPULATION, 2012**

**OFFENSES PER 1,000 POPULATION**

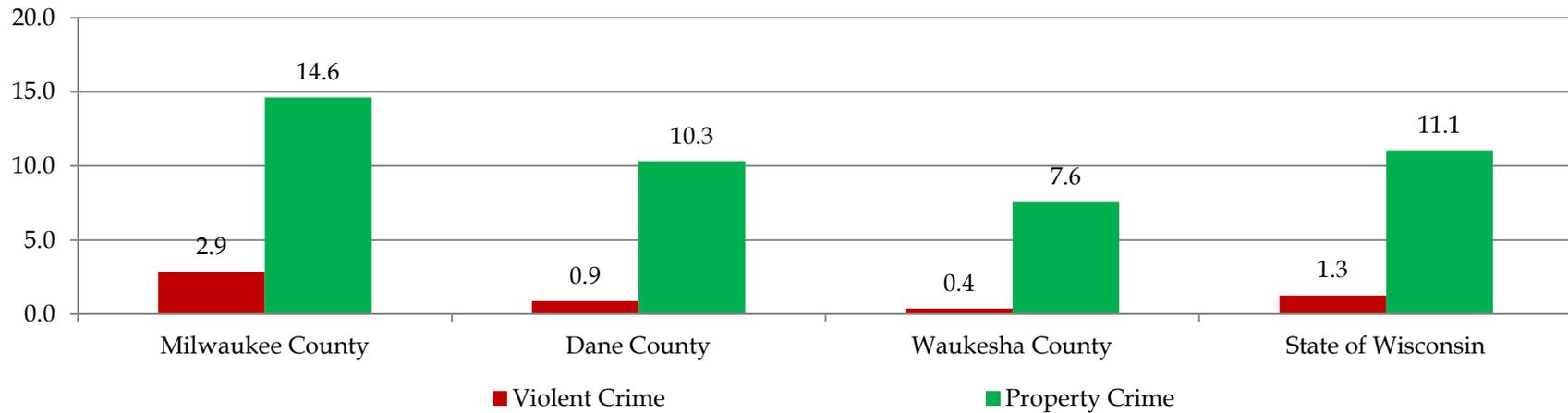


**SWORN OFFICERS PER 1,000 POPULATION**

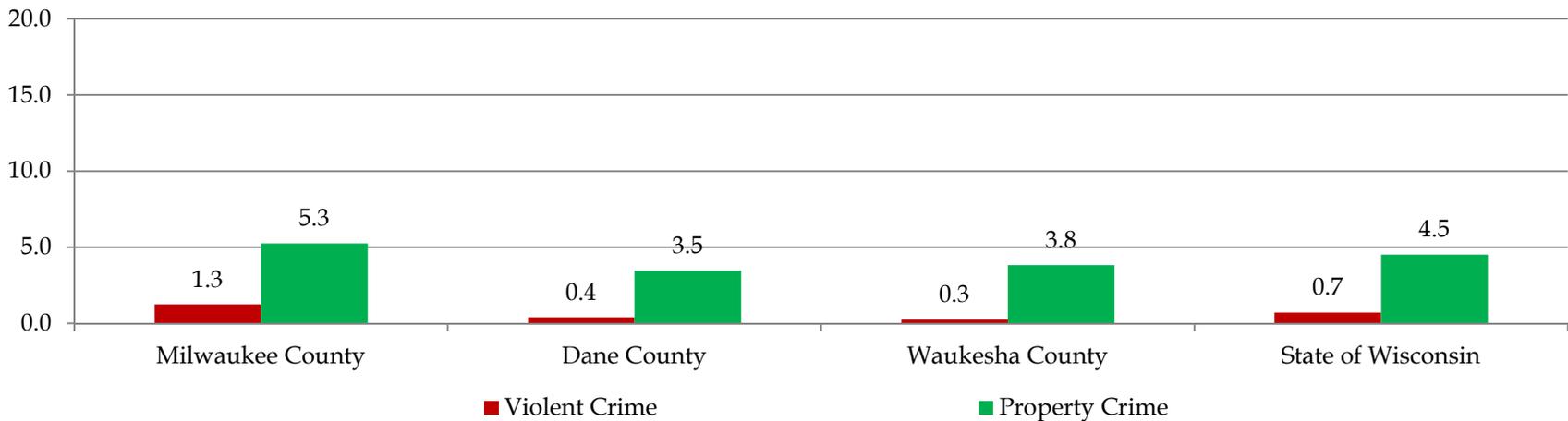


**Table A-12  
OFFENSES AND ARRESTS PER OFFICER, 2012**

**OFFENSES PER OFFICER**



**ARRESTS PER OFFICER**



**Table A-13  
MILWAUKEE COUNTY COURT COMPARISONS**

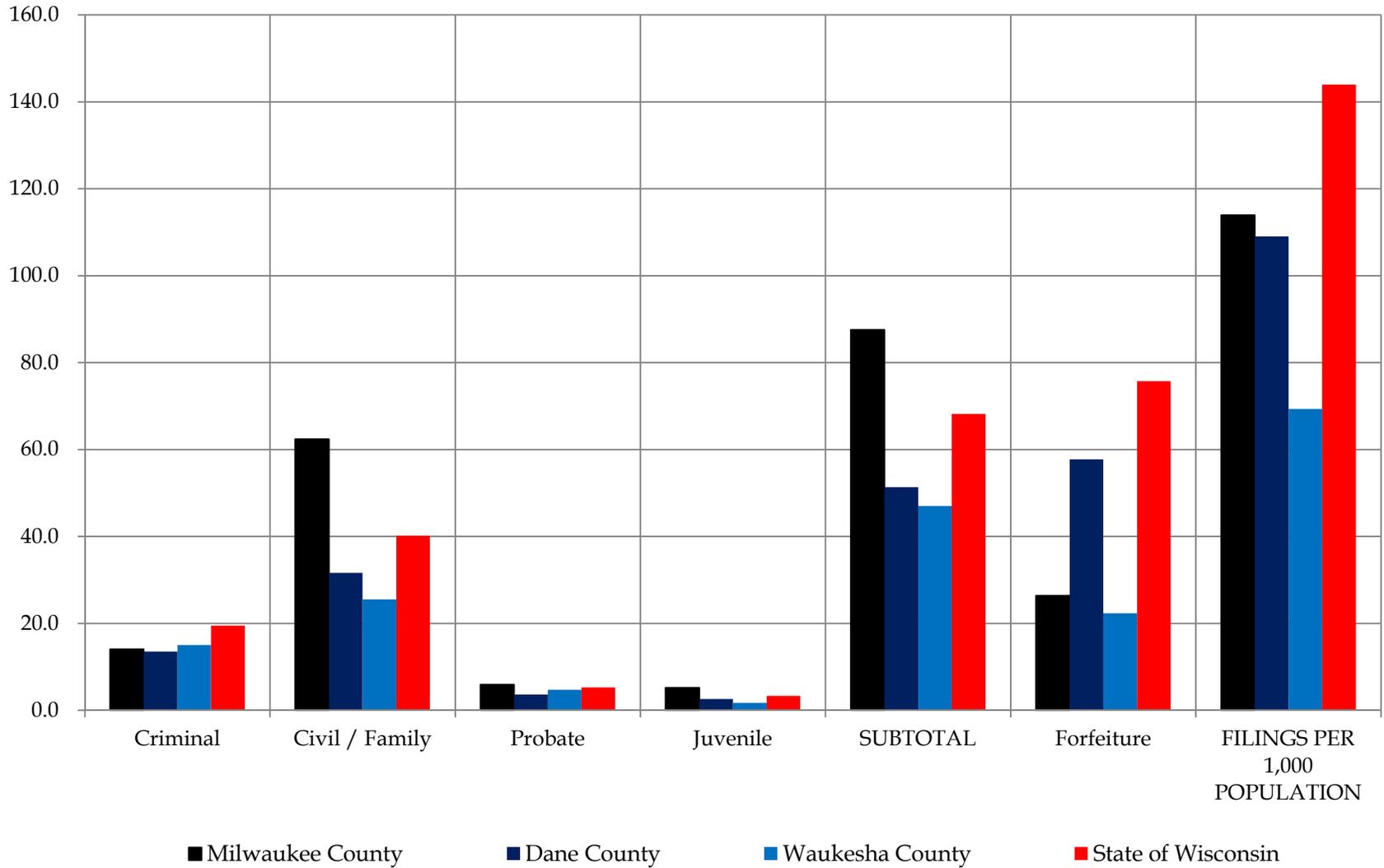
System Factor	Milwaukee County	Dane County	Waukesha County	State of Wisconsin
<b>POPULATION (2010 Census)</b>	947,735	488,073	389,891	5,686,986
<b>COURT FILINGS (2014)</b>				
Criminal	13,306	6,585	5,869	110,779
Civil / Family	59,099	15,431	9,961	228,189
Probate	5,616	1,775	1,833	30,052
Juvenile	4,935	1,257	673	18,885
<b>SUBTOTAL</b>	<b>82,956</b>	<b>25,048</b>	<b>18,336</b>	<b>387,905</b>
Forfeiture	25,001	28,168	8,704	430,680
<b>TOTAL</b>	<b>107,957</b>	<b>53,216</b>	<b>27,040</b>	<b>818,585</b>
<b>JUDGES (2014)</b>	47	17	12	249
<b>RATIOS TO POPULATION</b>				
<b>COURT FILINGS (per 1,000 Population)</b>				
Criminal	14.0	13.5	15.1	<b>19.5</b>
Civil / Family	<b>62.4</b>	31.6	25.5	40.1
Probate	<b>5.9</b>	3.6	4.7	5.3
Juvenile	<b>5.2</b>	2.6	1.7	3.3
<b>SUBTOTAL</b>	<b>87.5</b>	<b>51.3</b>	<b>47.0</b>	<b>68.2</b>
Forfeiture	26.4	57.7	22.3	<b>75.7</b>
<b>TOTAL</b>	<b>113.9</b>	<b>109.0</b>	<b>69.4</b>	<b>143.9</b>
<b>JUDGES (Population per Judge)</b>	20,165	28,710	<b>32,491</b>	22,839
<b>FILINGS PER JUDGE</b>				
Criminal	283	387	<b>489</b>	445
Civil / Family	<b>1,257</b>	908	830	916
Probate	119	104	<b>153</b>	121
Juvenile	<b>105</b>	74	56	76
<b>SUBTOTAL</b>	<b>1,765</b>	1,473	1,528	1,558
Forfeiture	532	1,657	725	<b>1,730</b>
<b>TOTAL</b>	<b>2,297</b>	<b>3,130</b>	<b>2,253</b>	<b>3,287</b>

Note: (1) Filing totals differ very slightly between Milwaukee Circuit Clerk and AOC Reports (108,294 vs 107,957).

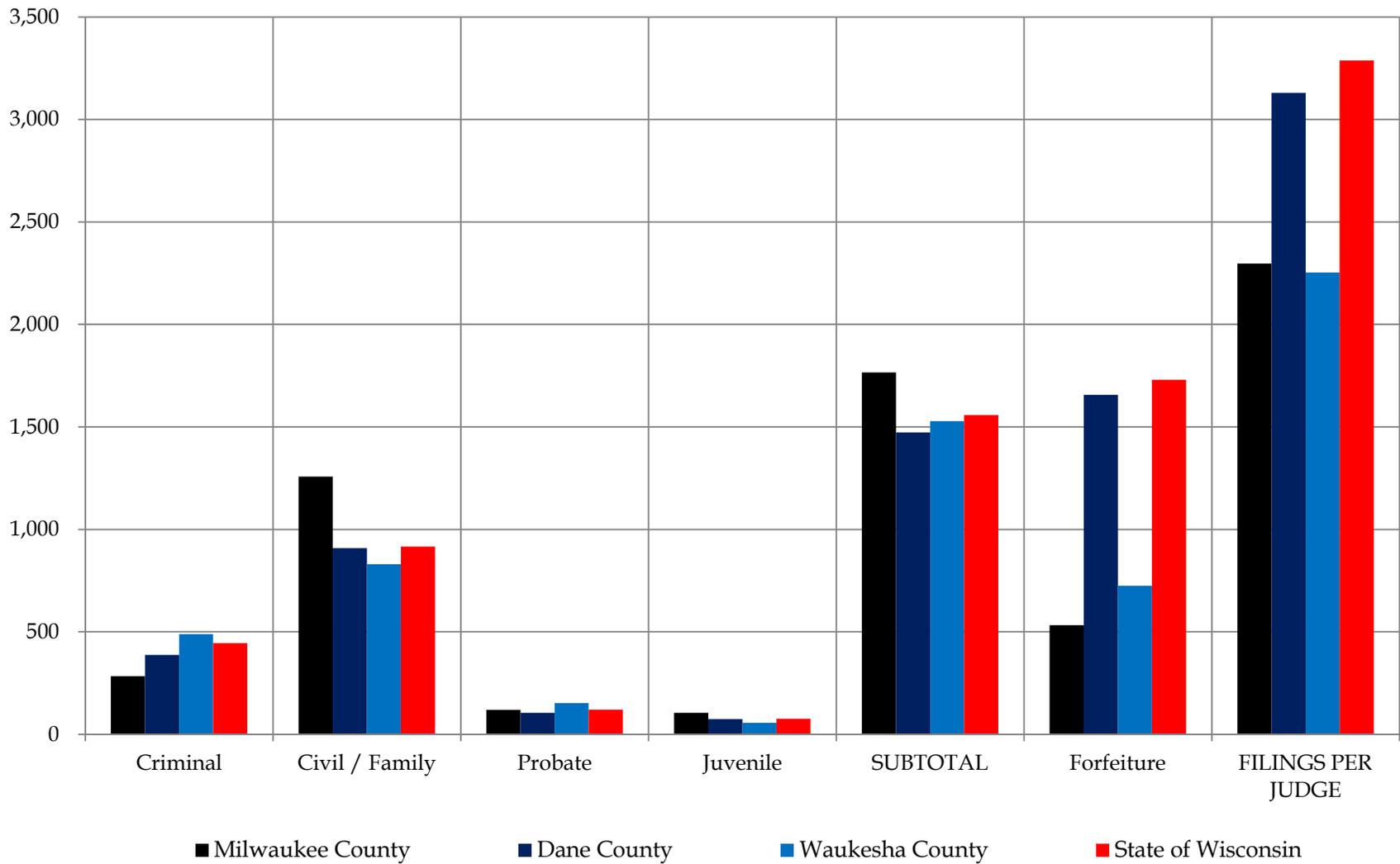
(2) Highest ratios and filings per judge are shown in red.

Source: Wisconsin Administrative Office of the Courts

**Table A-14  
FILINGS PER 1,000 POPULATION COMPARISON, 2014**

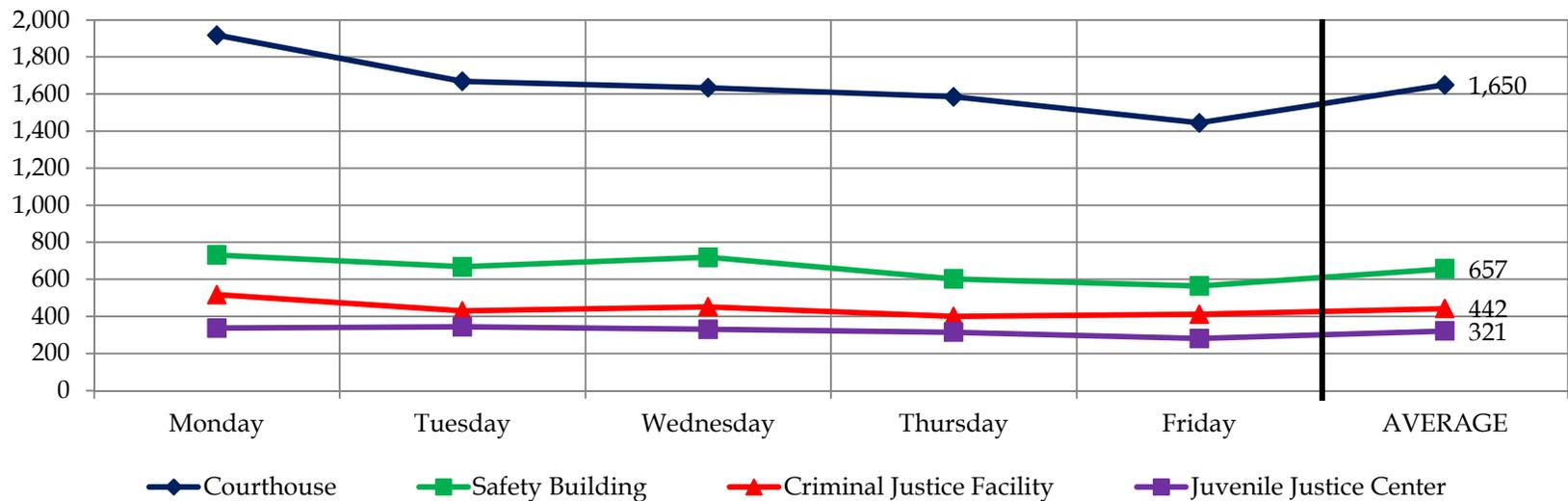


**Table A-15  
FILINGS PER JUDGE COMPARISON, 2014**



**Table A-16  
AVERAGE DAILY FACILITY VISITOR ENTRY VOLUME, 2015**

FACILITY	Monday	Tuesday	Wednesday	Thursday	Friday	WEEKLY TOTAL	DAILY AVERAGE
<b>COURTHOUSE</b>	<b>1,918</b>	<b>1,669</b>	<b>1,634</b>	<b>1,585</b>	<b>1,444</b>	<b>8,250</b>	<b>1,650</b>
<i>9th Street Entry</i>	698	605	589	541	470	2,902	580
<i>Wells Street Entry</i>	589	524	535	556	469	2,673	535
<i>10th Street Entry</i>	631	540	511	488	505	2,674	535
<b>SAFETY BUILDING</b>	<b>731</b>	<b>668</b>	<b>719</b>	<b>602</b>	<b>565</b>	<b>3,285</b>	<b>657</b>
<i>State Street Entry</i>	274	275	291	199	219	1,258	252
<i>Garage Entry</i>	457	393	428	403	346	2,027	405
<b>CRIMINAL JUSTICE FACILITY</b>	<b>518</b>	<b>430</b>	<b>452</b>	<b>400</b>	<b>412</b>	<b>2,210</b>	<b>442</b>
<b>JUVENILE JUSTICE CENTER</b>	<b>337</b>	<b>343</b>	<b>330</b>	<b>314</b>	<b>280</b>	<b>1,605</b>	<b>321</b>
<i>Main Entry</i>	274	280	258	251	235	1,297	259
<i>Detention Entry</i>	63	64	73	63	46	308	62
<b>TOTAL</b>	<b>3,504</b>	<b>3,109</b>	<b>3,135</b>	<b>2,901</b>	<b>2,701</b>	<b>15,349</b>	<b>3,070</b>

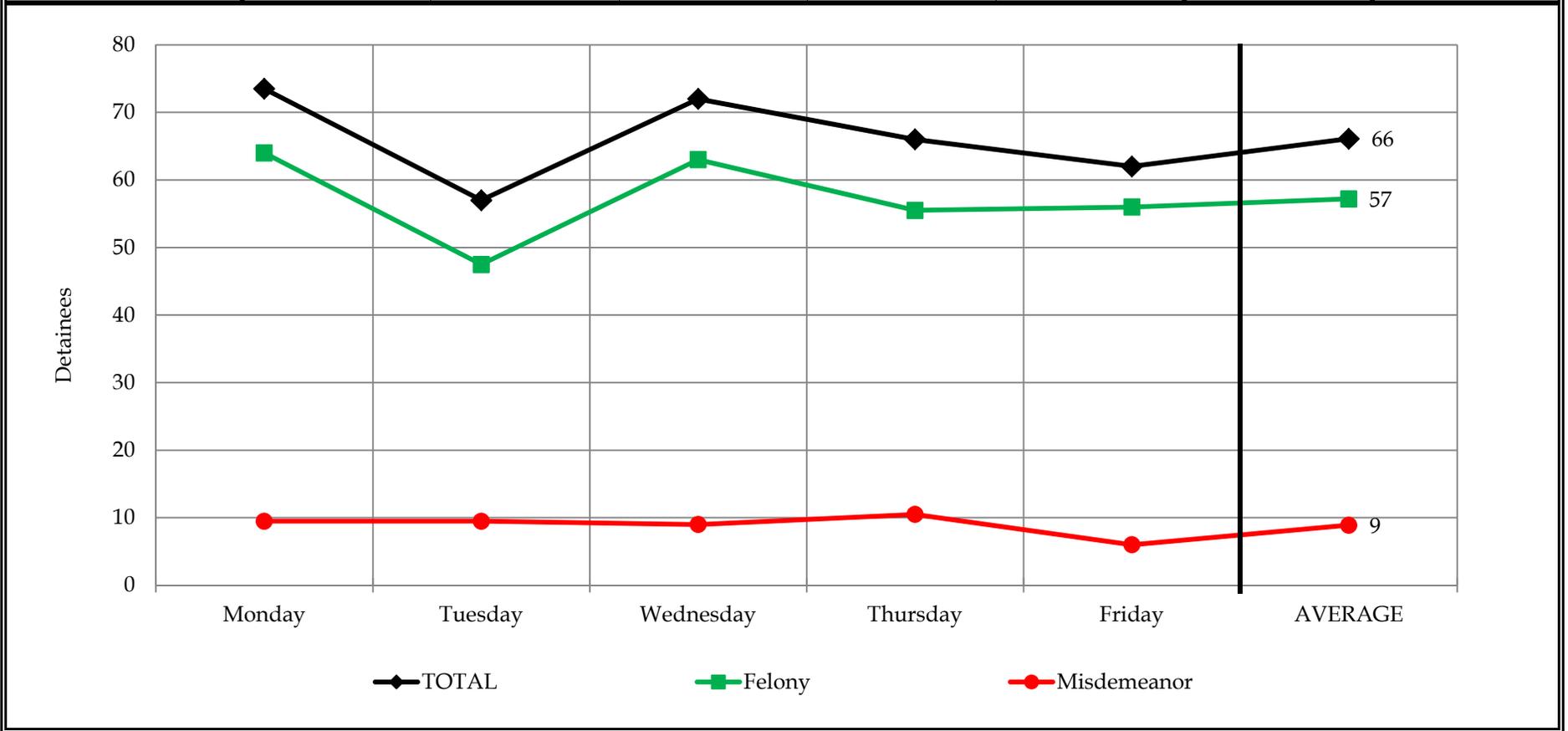


Note: For facilities with multiple entries, the highest daily volume location is shown in red.

Source: Milwaukee County Sheriff's Office, Detention Services Bureau - Courts Division

**Table A-17  
AVERAGE DAILY DETAINEE MOVEMENT, 2015**

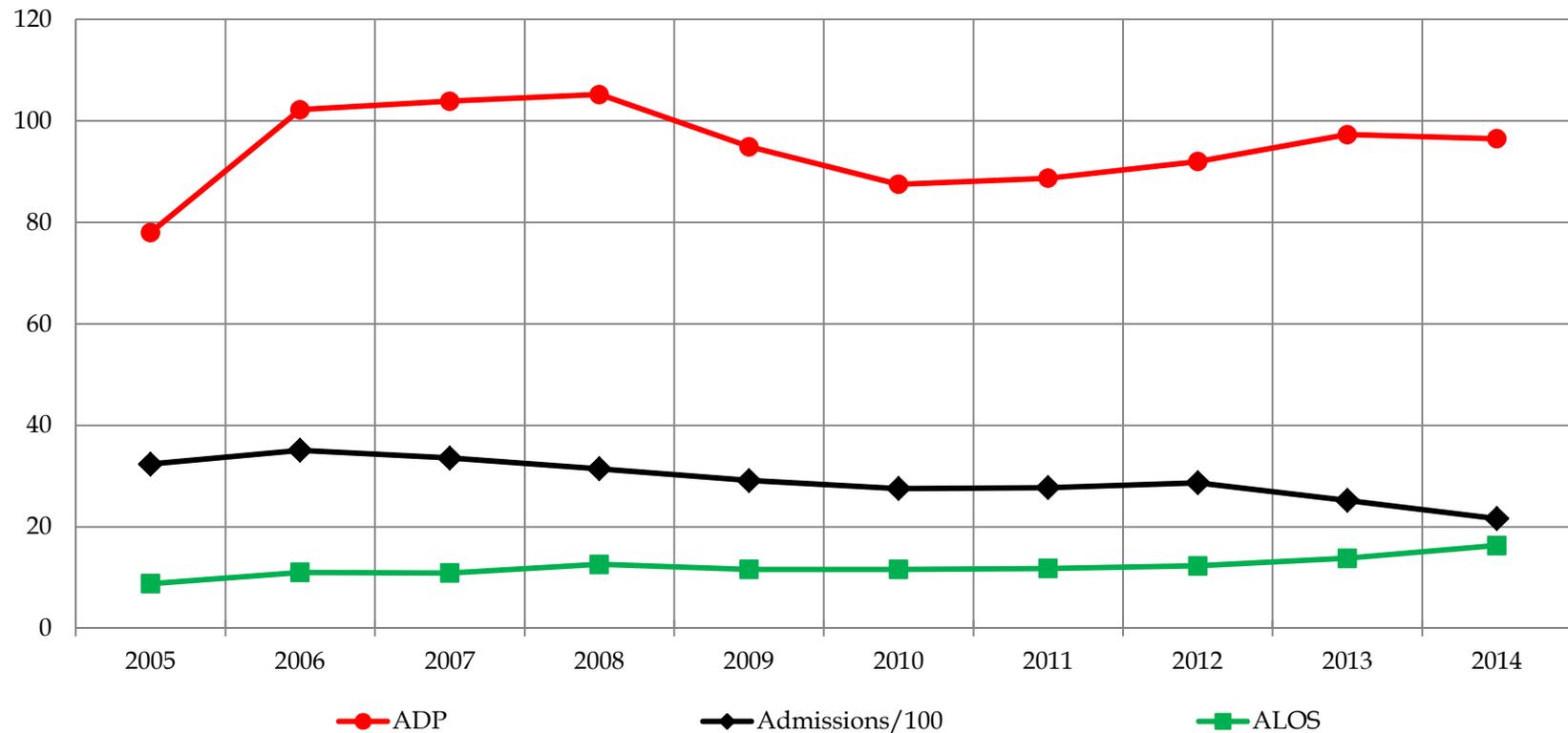
Court	Monday	Tuesday	Wednesday	Thursday	Friday	WEEKLY TOTAL	DAILY AVERAGE
FELONY	64.0	47.5	63.0	55.5	56.0	286.0	57.2
MISDEMEANOR	9.5	9.5	9.0	10.5	6.0	44.5	8.9
<b>TOTAL</b>	<b>73.5</b>	<b>57.0</b>	<b>72.0</b>	<b>66.0</b>	<b>62.0</b>	<b>330.5</b>	<b>66.1</b>



Source: Milwaukee County Sheriff's Office, Detention Services Bureau - Courts Division

**Table A-18  
JUVENILE DETENTION CENTER POPULATION, 2005 - 2014**

DETENTION CENTER	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	Average	% Change
ADMISSIONS	3,237	3,508	3,355	3,144	2,912	2,753	2,773	2,867	2,520	2,160	2,923	-33%
AVERAGE LENGTH OF STAY	8.8	11.0	10.9	12.6	11.6	11.6	11.8	12.3	13.8	16.3	12.4	48%
AVERAGE DAILY POPULATION	78	102	104	105	95	88	89	92	97	97	96	-6%



Note: 2005 ALOS and ADP have been excluded from period averages and percent change calculations due to anomalous data.

Source: Milwaukee County Department of Health and Human Services, Delinquency & Court Services

**SECTION B: CIRCUIT COURT ANALYSIS AND PROJECTIONS**

SECTION B: CIRCUIT COURT ANALYSIS AND PROJECTIONS

SECTION B: CIRCUIT COURT ANALYSIS

This section presents the assessment of long-term growth for the Circuit Court. Historical data was obtained for a 20-year period from 1996 to 2015 in order to understand how the court system is evolving. This section presents the methodology used to project future caseload, judgeship, and commissioner positions.

THE CIRCUIT COURT

The Wisconsin Circuit Courts are the State’s trial courts. The State has been a single level trial court since 1978. Circuit Courts have original jurisdiction in all civil and criminal matters within the State, including probate, juvenile, and traffic matters, as well as civil and criminal jury trials. In 2015, there were 249 statewide Circuit Judges in the 72 counties. Milwaukee County is the largest jurisdiction with 47 judges (19% of the State total). There are ten administrative districts in the State. Milwaukee County is the First Judicial District.

Judges are state-funded positions, and are elected countywide to six-year terms. The Chief Judge is appointed by the Supreme Court, and may serve up to three consecutive two-year terms. In addition, there are 22 county-funded commissioners who also serve as judicial officers.

In Milwaukee County, the Court is organized based on the following divisions: Chief Judge’s Office, Children’s, Civil/Probate, Criminal/Traffic, and Family.

HISTORICAL COURT FILINGS

Historical filing data was obtained from the Circuit Clerk’s Office. Data was obtained for the past 20-year period from 1996 to 2015. Historical information is presented in Tables B-1 through B-9.

Over the past 20 years, court filings in Milwaukee County have demonstrated a slightly decreasing trend. Excluding traffic cases, which can be highly erratic based on local law enforcement practices, total filings began the period at approximately 102,000, increased to 114,000 in 2006, then decreased to 93,000 in 2015. This up-and-down pattern is consistent with what is often seen in other courts nationally. Court filings can be impacted by economic factors, legislation, policy changes, and specific demand. In Milwaukee County, for instance, there is a current focus to divert many criminal and juvenile cases from formal prosecution. This policy has impacted the number of cases being filed. Given a potential policy or leadership change in the future, the trend lines could possibly shift in the opposite direction, resulting in increasing filing levels.

In addition to examining caseload, juror usage was analyzed. The number of jury trials declined from 898 in 1995, to 472 in 2014. This reduction in the number of jury trials is consistent with the national trend. The vast majority of jury trials are in the Criminal Division (86%).

**SECTION B: CIRCUIT COURT ANALYSIS AND PROJECTIONS**

**COURT FILING PROJECTIONS**

Filing projections are presented in Tables B-10 through B-22.

Projections were developed using a proven forecasting methodology. The methodology began with the acquisition of an extended period of historical data. Since projections are generated for a planning horizon 25 years into the future, a comparable period of historical data is desired. Twenty years of historical data were obtained.

Next, a variety of forecasting models were applied. While each model is considered inherently valid, each model produces a different mathematical result. The forecaster must then utilize some judgment to determine which models to use as part of the recommended forecast. Typically, the forecaster will average models that produce similar results, and will discount models which produce outlying results that seem to be either too high or too low.

Approximately 14 models are shown on each forecast table. Other models were also considered, but excluded. The models reflect a variety of approaches, from trend line/time series analysis, to ratios to population, to interrelationship models such as multiple regression.

Historical growth is calculated both as a percentage change over the period and as an actual number change. It is generally believed that percentage models tend to forecast high, while number change models tend to forecast low. These models are often averaged together to produce a more credible result.

Historical trend models (typically Models 1, 2, 6, and 7) are based on two data points - the first and last years in the period. The weakness of these models is that results would change if either of the end data points change. Modified models (typically Models 3, 4, 8, and 9) attempt to overcome this problem by averaging years at the start of the period and at the end of the period, and then determining the change between those averages.

Mean deviation models calculate the average in a variable for the historical period, and then calculate the change to the highest or lowest number in the period, depending upon the observed trend line. Regression models are computed generated forecasts using dependent and independent variables.

If the demonstrated trend line is static or declining, ratio models are often used, such as an average ratio, high ratio, low ratio, or current ratio.

The recommended forecast is usually an average of many different models in order to prevent an over-reliance on any single event, indicator, or trend. Filing forecasts are then used as a tool to help project judgeships and court staff. The filing forecasts will be only one model among several others used to project future judges and staff. This is, again, in order to prevent an over-reliance on a single factor.

Table B-22 summarizes the filing forecasts for Milwaukee County. With a projected resident population of just over 1 million people, it is anticipated that filing levels could increase to approximately 127,000 by the year 2040. This total excludes traffic cases, which are currently handled by a single commissioner, and which could

**SECTION B: CIRCUIT COURT ANALYSIS AND PROJECTIONS**

probably continue to be handled in that manner absent a change in enforcement policy.

**JUDICIAL OFFICER PROJECTIONS**

Judicial officer projections are presented in Tables B-23 through B-29.

Using a similar methodology as used for filing projections, judicial officer projections were developed for judges and commissioners. Models used include time series/trend analyses which are indicative of funding reality, ratios to county population, ratios to court filings, and multiple regression. The recommended forecast was based on an average of many different models.

Circuit Court judgeships have increased from 46 to 47 over the past 20 years. Models based on funding reality indicated a projection of 48 or 49 judges by 2040. Models based on ratios to county population forecasted approximately 51 judges. Models based on ratios to court filings forecasted approximately 57 judges.

The recommended forecast is for 51 judges by 2040. This forecast results in a ratio of judges to population of 0.50, which represents the same average experienced over the past 20 years. It also results in a caseload per judge of nearly 2,500 filings, which is slightly above the period average of 2,232 filings per judge.

It should be noted that this forecast should not be considered prescriptive, indicating what is needed or required. Rather, it is

descriptive, indicating what may happen given past trends. This forecast may be slightly conservative, erring on the high side. However, receiving additional judgeships may not always be based on need, and can sometimes be based on extraneous factors. For space planning purposes, it is better for a jurisdiction to slightly over-project than to under-project.

The forecast for commissioners proved more difficult due to the historical trend line. From 18 commissioners in 1996, the total grew to 27 in 2002 due to some special project initiatives. Gradually, the number of commissioners was reduced to the current total of 22. However, the Court believes that additional commissioners are needed to assist with Family Court cases and to provide coverage during vacancies. So, some additional short-term growth may be likely. Using ten models as the basis for the recommended forecast, it has been projected that there could be 28 commissioners by the year 2040.

Overall, the number of judicial officers has increased from 64 to 69 during the last two decades. However, within the period from 1996 to 2002, the number increased by a total of 10 (to 74), before receding due to the elimination of special projects and to funding constraints. It has been projected that the total number of judicial officers could increase to 79 by 2040.

**Table B-1  
CIRCUIT COURT FILINGS AND DISPOSITIONS, 1996 - 2015**

CIRCUIT COURT	Historical Period																			
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>FILINGS</b>																				
<i>Civil</i>	47,968	48,993	47,573	48,246	47,260	49,975	48,439	49,787	54,243	56,799	62,740	66,889	67,155	67,903	65,397	61,093	59,805	53,270	48,346	54,437
<i>Criminal</i>	27,446	27,089	25,265	26,274	24,893	27,856	28,928	32,396	30,674	29,153	25,187	21,572	20,482	18,025	17,230	16,267	15,675	13,917	13,316	14,626
<i>Family</i>	11,750	11,235	12,764	13,289	14,614	14,749	16,811	14,778	12,534	11,983	11,393	9,966	9,272	11,046	11,113	11,142	11,307	10,668	10,753	12,655
<i>Children's</i>	9,245	8,968	8,806	10,924	9,573	8,384	8,447	8,109	7,306	6,652	6,587	6,521	5,728	5,147	4,636	4,734	4,024	4,297	4,376	4,430
<i>Probate</i>	5,948	6,171	6,366	6,039	5,739	5,053	6,400	7,145	7,527	7,475	8,250	8,199	8,532	8,718	9,572	9,283	8,429	7,580	6,621	6,921
<b>SUBTOTAL</b>	<b>102,357</b>	<b>102,456</b>	<b>100,774</b>	<b>104,772</b>	<b>102,079</b>	<b>106,017</b>	<b>109,025</b>	<b>112,215</b>	<b>112,284</b>	<b>112,062</b>	<b>114,157</b>	<b>113,147</b>	<b>111,169</b>	<b>110,839</b>	<b>107,948</b>	<b>102,519</b>	<b>99,240</b>	<b>89,732</b>	<b>83,412</b>	<b>93,069</b>
<i>Traffic</i>	44,759	49,512	46,921	51,353	52,767	55,887	47,081	34,770	37,670	35,655	52,197	49,847	42,142	42,562	43,596	42,852	39,972	32,429	24,882	25,942
<b>TOTAL</b>	<b>147,116</b>	<b>151,968</b>	<b>147,695</b>	<b>156,125</b>	<b>154,846</b>	<b>161,904</b>	<b>156,106</b>	<b>146,985</b>	<b>149,954</b>	<b>147,717</b>	<b>166,354</b>	<b>162,994</b>	<b>153,311</b>	<b>153,401</b>	<b>151,544</b>	<b>145,371</b>	<b>139,212</b>	<b>122,161</b>	<b>108,294</b>	<b>119,011</b>
<b>DISPOSITIONS</b>																				
<i>Civil</i>	49,701	50,435	48,706	49,284	49,136	51,924	50,519	50,166	55,006	57,637	62,954	66,099	67,399	67,463	66,059	63,412	60,842	53,553	48,800	54,465
<i>Criminal</i>	25,700	28,883	23,778	25,915	25,718	25,141	25,389	28,452	28,824	30,317	30,501	24,655	21,065	19,912	18,242	16,462	15,194	14,337	12,878	15,075
<i>Family</i>	12,194	10,768	12,472	12,867	13,797	16,413	17,847	14,868	11,927	12,245	11,450	10,342	9,348	10,386	11,985	11,105	11,298	10,983	10,719	12,087
<i>Children's</i>	9,426	8,366	8,181	9,403	9,342	8,062	7,860	8,001	7,407	6,576	6,431	6,724	5,909	5,594	4,915	4,916	4,153	4,038	4,236	4,418
<i>Probate</i>	6,312	6,340	6,348	6,543	5,563	6,288	6,899	8,400	7,910	7,781	8,579	8,480	8,606	8,543	9,356	8,886	7,958	7,611	6,649	6,922
<b>SUBTOTAL</b>	<b>103,333</b>	<b>104,792</b>	<b>99,485</b>	<b>104,012</b>	<b>103,556</b>	<b>107,828</b>	<b>108,514</b>	<b>109,887</b>	<b>111,074</b>	<b>114,556</b>	<b>119,915</b>	<b>116,300</b>	<b>112,327</b>	<b>111,898</b>	<b>110,557</b>	<b>104,781</b>	<b>99,445</b>	<b>90,522</b>	<b>83,282</b>	<b>92,967</b>
<i>Traffic</i>	44,981	49,130	44,158	51,082	52,751	55,672	46,963	34,971	37,645	35,680	52,378	49,842	41,704	42,721	43,744	42,982	39,856	32,376	24,827	25,939
<b>TOTAL</b>	<b>148,314</b>	<b>153,922</b>	<b>143,643</b>	<b>155,094</b>	<b>156,307</b>	<b>163,500</b>	<b>155,477</b>	<b>144,858</b>	<b>148,719</b>	<b>150,236</b>	<b>172,293</b>	<b>166,142</b>	<b>154,031</b>	<b>154,619</b>	<b>154,301</b>	<b>147,763</b>	<b>139,301</b>	<b>122,898</b>	<b>108,109</b>	<b>118,906</b>
<b>DISPOSITION RATE</b>																				
<i>Civil</i>	104%	103%	102%	102%	104%	104%	104%	101%	101%	101%	100%	99%	100%	99%	101%	104%	102%	101%	101%	100%
<i>Criminal</i>	94%	107%	94%	99%	103%	90%	88%	88%	94%	104%	121%	114%	103%	110%	106%	101%	97%	103%	97%	103%
<i>Family</i>	104%	96%	98%	97%	94%	111%	106%	101%	95%	102%	101%	104%	101%	94%	108%	100%	100%	103%	100%	96%
<i>Children's</i>	102%	93%	93%	86%	98%	96%	93%	99%	101%	99%	98%	103%	103%	109%	106%	104%	103%	94%	97%	100%
<i>Probate</i>	106%	103%	100%	108%	97%	124%	108%	118%	105%	104%	104%	103%	101%	98%	98%	96%	94%	100%	100%	100%
<b>SUBTOTAL</b>	<b>101%</b>	<b>102%</b>	<b>99%</b>	<b>99%</b>	<b>101%</b>	<b>102%</b>	<b>100%</b>	<b>98%</b>	<b>99%</b>	<b>102%</b>	<b>105%</b>	<b>103%</b>	<b>101%</b>	<b>101%</b>	<b>102%</b>	<b>102%</b>	<b>100%</b>	<b>101%</b>	<b>100%</b>	<b>100%</b>
<i>Traffic</i>	100%	99%	94%	99%	100%	100%	100%	101%	100%	100%	100%	100%	99%	100%	100%	100%	100%	100%	100%	100%
<b>TOTAL</b>	<b>101%</b>	<b>101%</b>	<b>97%</b>	<b>99%</b>	<b>101%</b>	<b>101%</b>	<b>100%</b>	<b>99%</b>	<b>99%</b>	<b>102%</b>	<b>104%</b>	<b>102%</b>	<b>100%</b>	<b>101%</b>	<b>102%</b>	<b>102%</b>	<b>100%</b>	<b>101%</b>	<b>100%</b>	<b>100%</b>

Source: First Judicial District Annual Reports. 2015 data has been annualized based on reports through August.

**Table B-2  
FILINGS BY CASETYPE, 1996 - 2015**

CIRCUIT COURT	Historical Period																			
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>FILINGS</b>																				
Large Claims	11,274	11,620	10,032	10,349	10,672	12,185	12,225	13,420	13,864	13,704	15,127	18,665	20,536	21,768	21,214	21,947	16,534	14,383	13,183	15,156
Small Claims	36,694	37,373	37,541	37,897	36,588	37,790	36,214	36,367	40,379	43,095	47,613	48,224	46,619	46,135	44,183	39,146	43,271	38,887	35,163	39,281
<b>TOTAL CIVIL</b>	<b>47,968</b>	<b>48,993</b>	<b>47,573</b>	<b>48,246</b>	<b>47,260</b>	<b>49,975</b>	<b>48,439</b>	<b>49,787</b>	<b>54,243</b>	<b>56,799</b>	<b>62,740</b>	<b>66,889</b>	<b>67,155</b>	<b>67,903</b>	<b>65,397</b>	<b>61,093</b>	<b>59,805</b>	<b>53,270</b>	<b>48,346</b>	<b>54,437</b>
Divorce	3,831	3,882	3,848	3,612	3,635	3,690	3,900	3,677	3,567	3,527	3,598	3,421	3,368	3,429	3,541	3,447	3,377	3,339	3,268	4,193
Paternity	5,733	5,430	5,563	6,081	7,116	6,804	6,811	7,131	6,652	6,123	5,962	5,396	5,204	6,281	5,591	5,365	5,884	5,123	5,374	6,058
Other Family	2,186	1,923	3,353	3,596	3,863	4,255	6,100	3,970	2,315	2,333	1,833	1,149	700	1,336	1,981	2,330	2,046	2,206	2,111	2,403
<b>TOTAL FAMILY</b>	<b>11,750</b>	<b>11,235</b>	<b>12,764</b>	<b>13,289</b>	<b>14,614</b>	<b>14,749</b>	<b>16,811</b>	<b>14,778</b>	<b>12,534</b>	<b>11,983</b>	<b>11,393</b>	<b>9,966</b>	<b>9,272</b>	<b>11,046</b>	<b>11,113</b>	<b>11,142</b>	<b>11,307</b>	<b>10,668</b>	<b>10,753</b>	<b>12,655</b>
Delinquency	5,236	4,836	4,313	N/A	3,794	3,264	3,100	3,030	2,577	2,764	2,736	2,622	2,359	1,975	1,704	1,772	1,838	1,611	1,420	1,478
CHiPS	3,121	3,053	3,040	N/A	2,682	2,125	2,106	2,123	1,994	1,827	1,760	1,717	1,820	1,533	1,500	1,597	1,269	1,745	1,623	1,786
Ordinance / Other	888	1,079	1,453	N/A	3,097	2,995	3,241	2,956	2,735	2,061	2,091	2,182	1,549	1,639	1,432	1,365	917	941	1,333	1,166
<b>TOTAL CHILDREN'S</b>	<b>9,245</b>	<b>8,968</b>	<b>8,806</b>	<b>10,924</b>	<b>9,573</b>	<b>8,384</b>	<b>8,447</b>	<b>8,109</b>	<b>7,306</b>	<b>6,652</b>	<b>6,587</b>	<b>6,521</b>	<b>5,728</b>	<b>5,147</b>	<b>4,636</b>	<b>4,734</b>	<b>4,024</b>	<b>4,297</b>	<b>4,376</b>	<b>4,430</b>
Estates	2,359	2,325	2,209	2,386	2,285	2,110	2,154	1,960	2,028	1,922	1,728	1,389	1,279	1,191	1,231	1,117	1,002	1,073	928	1,200
Protective Actions	3,103	3,363	3,651	3,253	3,408	2,901	4,199	4,608	4,922	5,079	5,924	5,998	6,412	6,653	7,351	7,139	6,411	5,424	4,674	5,055
Adoptions / Other	486	483	506	400	46	42	47	577	577	474	598	812	841	874	990	1,027	1,016	1,083	1,019	665
<b>TOTAL PROBATE</b>	<b>5,948</b>	<b>6,171</b>	<b>6,366</b>	<b>6,039</b>	<b>5,739</b>	<b>5,053</b>	<b>6,400</b>	<b>7,145</b>	<b>7,527</b>	<b>7,475</b>	<b>8,250</b>	<b>8,199</b>	<b>8,532</b>	<b>8,718</b>	<b>9,572</b>	<b>9,283</b>	<b>8,429</b>	<b>7,580</b>	<b>6,621</b>	<b>6,921</b>
Felony	8,157	7,850	N/A	6,090	5,839	6,299	6,656	7,272	6,930	6,980	6,776	6,270	6,437	5,845	6,194	6,109	6,144	5,687	5,560	6,507
Misd. / Criminal Traffic	19,289	19,239	N/A	20,184	19,054	21,557	22,272	25,124	23,744	22,173	18,411	15,302	14,045	12,180	11,036	10,158	9,531	8,230	7,756	8,119
<b>SUBTOTAL CRIMINAL</b>	<b>27,446</b>	<b>27,089</b>	<b>25,265</b>	<b>26,274</b>	<b>24,893</b>	<b>27,856</b>	<b>28,928</b>	<b>32,396</b>	<b>30,674</b>	<b>29,153</b>	<b>25,187</b>	<b>21,572</b>	<b>20,482</b>	<b>18,025</b>	<b>17,230</b>	<b>16,267</b>	<b>15,675</b>	<b>13,917</b>	<b>13,316</b>	<b>14,626</b>
Traffic	44,759	49,512	46,921	51,353	52,767	55,887	47,081	34,770	37,670	35,655	52,197	49,847	42,142	42,562	43,596	42,852	39,972	32,429	24,882	25,942
<b>TOTAL CRIMINAL</b>	<b>72,205</b>	<b>76,601</b>	<b>72,186</b>	<b>77,627</b>	<b>77,660</b>	<b>83,743</b>	<b>76,009</b>	<b>67,166</b>	<b>68,344</b>	<b>64,808</b>	<b>77,384</b>	<b>71,419</b>	<b>62,624</b>	<b>60,587</b>	<b>60,826</b>	<b>59,119</b>	<b>55,647</b>	<b>46,346</b>	<b>38,198</b>	<b>40,569</b>
<b>TOTAL FILINGS</b>	<b>147,116</b>	<b>151,968</b>	<b>147,695</b>	<b>156,125</b>	<b>154,846</b>	<b>161,904</b>	<b>156,106</b>	<b>146,985</b>	<b>149,954</b>	<b>147,717</b>	<b>166,354</b>	<b>162,994</b>	<b>153,311</b>	<b>153,401</b>	<b>151,544</b>	<b>145,371</b>	<b>139,212</b>	<b>122,161</b>	<b>108,294</b>	<b>119,011</b>
<b>TOTAL NON-TRAFFIC</b>	<b>102,357</b>	<b>102,456</b>	<b>100,774</b>	<b>104,772</b>	<b>102,079</b>	<b>106,017</b>	<b>109,025</b>	<b>112,215</b>	<b>112,284</b>	<b>112,062</b>	<b>114,157</b>	<b>113,147</b>	<b>111,169</b>	<b>110,839</b>	<b>107,948</b>	<b>102,519</b>	<b>99,240</b>	<b>89,732</b>	<b>83,412</b>	<b>93,069</b>

Note: (1) Civil filings: In 2012, the limit of small claims cases increased from \$5,000 to \$10,000, resulting in a decrease of large claim cases.

(2) Delinquency filings: Filings have decreased over time primarily due to a combination of decriminalization of some offenses to citation / Municipal Court level, and to diversionary enforcement and prosecutorial practices.

(3) Criminal / Traffic filings: Filings have decreased over time due to decriminalization of certain offenses (OWI / Driving after Revocation), lower crime rates, and a reduction in the number of sworn officers and diversionary prosecutorial practices.

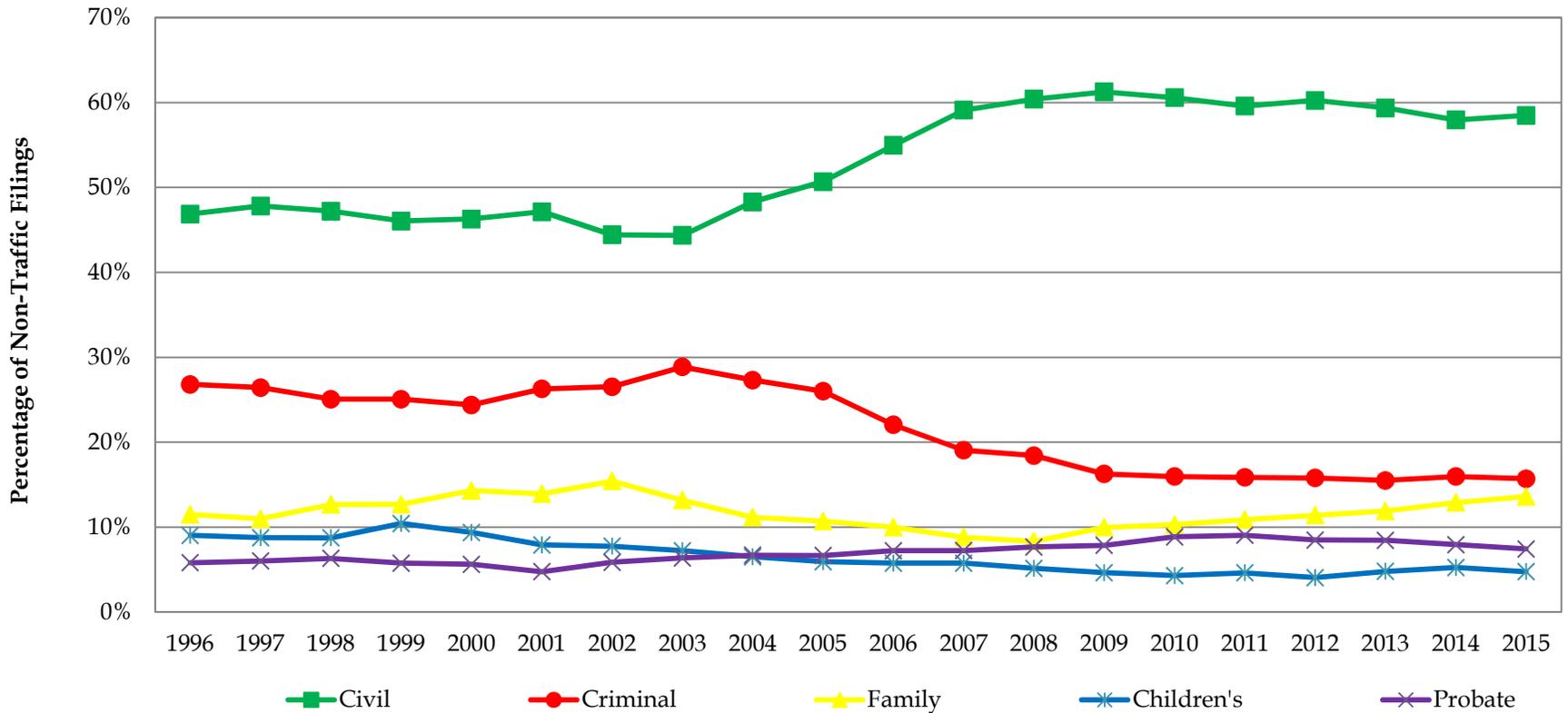
Source: First Judicial District Annual Reports

**Table B-3**  
**PERCENTAGE OF TOTAL NON-TRAFFIC FILINGS BY CASETYPE, 1996 - 2015**

CIRCUIT COURT	Historical Period																			
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>FILINGS</b>																				
<i>Large Claims</i>	11%	11%	10%	10%	10%	11%	11%	12%	12%	12%	13%	16%	18%	20%	20%	21%	17%	16%	16%	16%
<i>Small Claims</i>	36%	36%	37%	36%	36%	36%	33%	32%	36%	38%	42%	43%	42%	42%	41%	38%	44%	43%	42%	42%
<b>TOTAL CIVIL</b>	<b>47%</b>	<b>48%</b>	<b>47%</b>	<b>46%</b>	<b>46%</b>	<b>47%</b>	<b>44%</b>	<b>44%</b>	<b>48%</b>	<b>51%</b>	<b>55%</b>	<b>59%</b>	<b>60%</b>	<b>61%</b>	<b>61%</b>	<b>60%</b>	<b>60%</b>	<b>59%</b>	<b>58%</b>	<b>58%</b>
<i>Felony</i>	8%	8%	<i>n/a</i>	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	5%	6%	6%	6%	6%	7%	7%
<i>Misd. / Criminal Traffic</i>	19%	19%	<i>n/a</i>	19%	19%	20%	20%	22%	21%	20%	16%	14%	13%	11%	10%	10%	10%	9%	9%	9%
<b>TOTAL CRIMINAL</b>	<b>27%</b>	<b>26%</b>	<b>25%</b>	<b>25%</b>	<b>24%</b>	<b>26%</b>	<b>27%</b>	<b>29%</b>	<b>27%</b>	<b>26%</b>	<b>22%</b>	<b>19%</b>	<b>18%</b>	<b>16%</b>						
<i>Divorce</i>	4%	4%	4%	3%	4%	3%	4%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	4%	4%	5%
<i>Paternity</i>	6%	5%	6%	6%	7%	6%	6%	6%	6%	5%	5%	5%	5%	6%	5%	5%	6%	6%	6%	7%
<i>Other Family</i>	2%	2%	3%	3%	4%	4%	6%	4%	2%	2%	2%	1%	1%	1%	2%	2%	2%	2%	3%	3%
<b>TOTAL FAMILY</b>	<b>11%</b>	<b>11%</b>	<b>13%</b>	<b>13%</b>	<b>14%</b>	<b>14%</b>	<b>15%</b>	<b>13%</b>	<b>11%</b>	<b>11%</b>	<b>10%</b>	<b>9%</b>	<b>8%</b>	<b>10%</b>	<b>10%</b>	<b>11%</b>	<b>11%</b>	<b>12%</b>	<b>13%</b>	<b>14%</b>
<i>Delinquency</i>	5%	5%	4%	<i>n/a</i>	4%	3%	3%	3%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
<i>CHiPS</i>	3%	3%	3%	<i>n/a</i>	3%	2%	2%	2%	2%	2%	2%	2%	2%	1%	1%	2%	1%	2%	2%	2%
<i>Ordinance / Other</i>	1%	1%	1%	<i>n/a</i>	3%	3%	3%	3%	2%	2%	2%	2%	1%	1%	1%	1%	1%	1%	2%	1%
<b>TOTAL CHILDREN'S</b>	<b>9%</b>	<b>9%</b>	<b>9%</b>	<b>10%</b>	<b>9%</b>	<b>8%</b>	<b>8%</b>	<b>7%</b>	<b>7%</b>	<b>6%</b>	<b>6%</b>	<b>6%</b>	<b>5%</b>	<b>5%</b>	<b>4%</b>	<b>5%</b>	<b>4%</b>	<b>5%</b>	<b>5%</b>	<b>5%</b>
<i>Estates</i>	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	1%	1%	1%	1%	1%	1%	1%	1%	1%
<i>Protective Actions</i>	3%	3%	4%	3%	3%	3%	4%	4%	4%	5%	5%	5%	6%	6%	7%	7%	6%	6%	6%	5%
<i>Adoptions / Other</i>	0%	0%	1%	0%	0%	0%	0%	1%	1%	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
<b>TOTAL PROBATE</b>	<b>6%</b>	<b>6%</b>	<b>6%</b>	<b>6%</b>	<b>6%</b>	<b>5%</b>	<b>6%</b>	<b>6%</b>	<b>7%</b>	<b>7%</b>	<b>7%</b>	<b>7%</b>	<b>8%</b>	<b>8%</b>	<b>9%</b>	<b>9%</b>	<b>8%</b>	<b>8%</b>	<b>8%</b>	<b>7%</b>
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>

**Table B-4  
PERCENTAGE OF TOTAL NON-TRAFFIC FILINGS BY CASETYPE, 1996 - 2015**

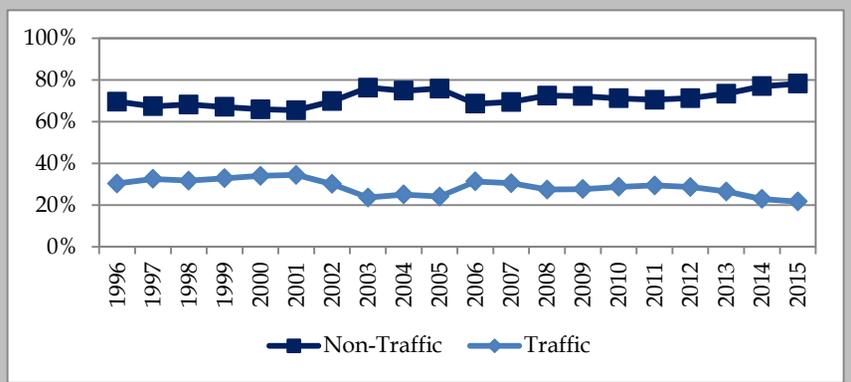
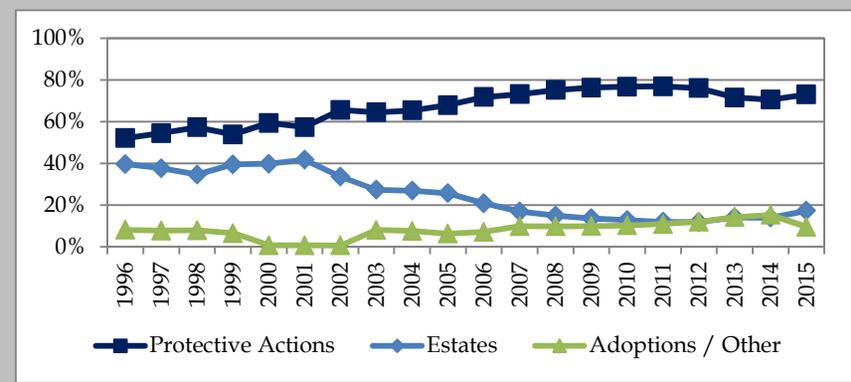
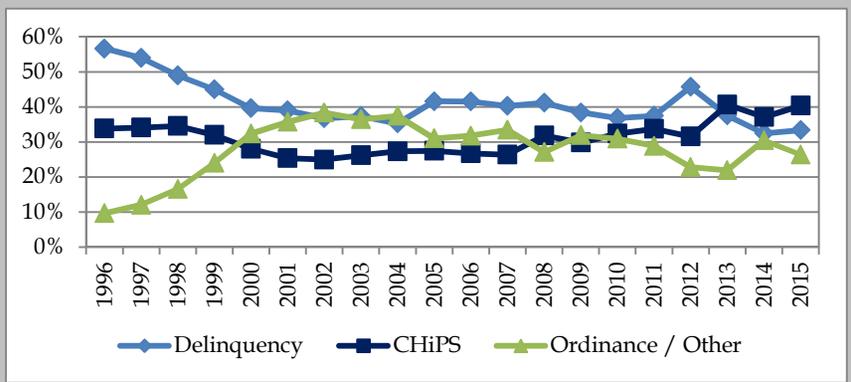
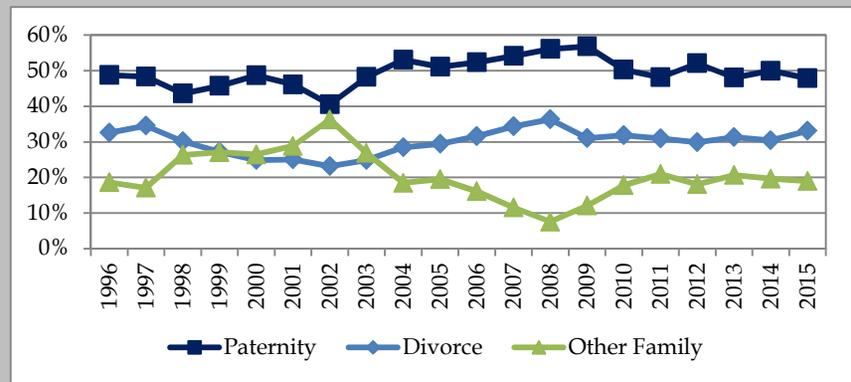
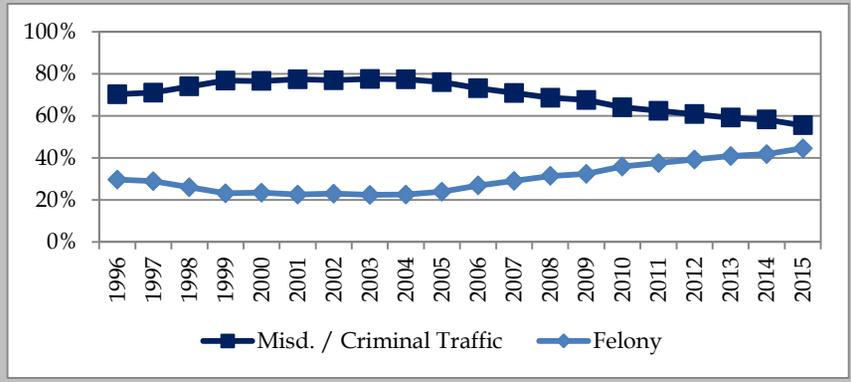
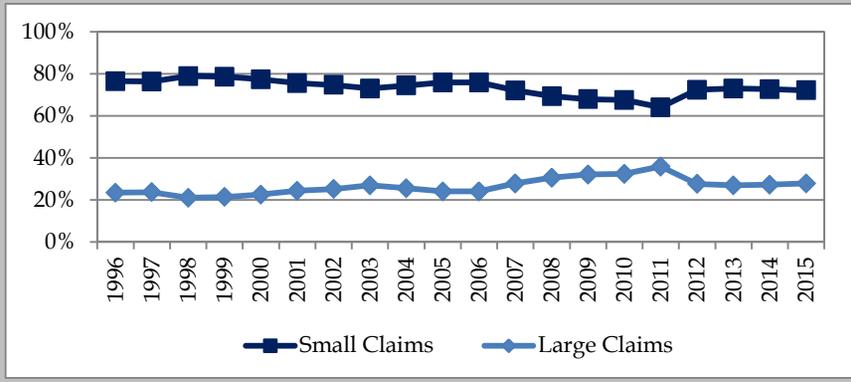
CIRCUIT COURT	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<i>Civil</i>	47%	48%	47%	46%	46%	47%	44%	44%	48%	51%	55%	59%	60%	61%	61%	60%	60%	59%	58%	58%
<i>Criminal</i>	27%	26%	25%	25%	24%	26%	27%	29%	27%	26%	22%	19%	18%	16%	16%	16%	16%	16%	16%	16%
<i>Family</i>	11%	11%	13%	13%	14%	14%	15%	13%	11%	11%	10%	9%	8%	10%	10%	11%	11%	12%	13%	14%
<i>Children's</i>	9%	9%	9%	10%	9%	8%	8%	7%	7%	6%	6%	6%	5%	5%	4%	5%	4%	5%	5%	5%
<i>Probate</i>	6%	6%	6%	6%	6%	5%	6%	6%	7%	7%	7%	7%	8%	8%	9%	9%	8%	8%	8%	7%
<b>TOTAL</b>	<b>100%</b>																			



**Table B-5  
CASETYPE PERCENTAGE BY COURT DIVISION, 1996 - 2015**

CIRCUIT COURT	Historical Period																			
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>FILINGS</b>																				
<i>Large Claims</i>	24%	24%	21%	21%	23%	24%	25%	27%	26%	24%	24%	28%	31%	32%	32%	36%	28%	27%	27%	28%
<i>Small Claims</i>	76%	76%	79%	79%	77%	76%	75%	73%	74%	76%	76%	72%	69%	68%	68%	64%	72%	73%	73%	72%
<b>TOTAL CIVIL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
<i>Felony</i>	30%	29%	n/a	23%	23%	23%	23%	22%	23%	24%	27%	29%	31%	32%	36%	38%	39%	41%	42%	44%
<i>Misd. / Criminal Traffic</i>	70%	71%	n/a	77%	77%	77%	77%	78%	77%	76%	73%	71%	69%	68%	64%	62%	61%	59%	58%	56%
<b>TOTAL CRIMINAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
<i>Divorce</i>	33%	35%	30%	27%	25%	25%	23%	25%	28%	29%	32%	34%	36%	31%	32%	31%	30%	31%	30%	33%
<i>Paternity</i>	49%	48%	44%	46%	49%	46%	41%	48%	53%	51%	52%	54%	56%	57%	50%	48%	52%	48%	50%	48%
<i>Other Family</i>	19%	17%	26%	27%	26%	29%	36%	27%	18%	19%	16%	12%	8%	12%	18%	21%	18%	21%	20%	19%
<b>TOTAL FAMILY</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
<i>Delinquency</i>	57%	54%	49%	n/a	40%	39%	37%	37%	35%	42%	42%	40%	41%	38%	37%	37%	46%	37%	32%	33%
<i>CHiPS</i>	34%	34%	35%	n/a	28%	25%	25%	26%	27%	27%	27%	26%	32%	30%	32%	34%	32%	41%	37%	40%
<i>Ordinance / Other</i>	10%	12%	17%	n/a	32%	36%	38%	36%	37%	31%	32%	33%	27%	32%	31%	29%	23%	22%	30%	26%
<b>TOTAL CHILDREN'S</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
<i>Estates</i>	40%	38%	35%	40%	40%	42%	34%	27%	27%	26%	21%	17%	15%	14%	13%	12%	12%	14%	14%	17%
<i>Protective Actions</i>	52%	54%	57%	54%	59%	57%	66%	64%	65%	68%	72%	73%	75%	76%	77%	77%	76%	72%	71%	73%
<i>Adoptions / Other</i>	8%	8%	8%	7%	1%	1%	1%	8%	8%	6%	7%	10%	10%	10%	10%	11%	12%	14%	15%	10%
<b>TOTAL PROBATE</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
<i>Traffic</i>	30%	33%	32%	33%	34%	35%	30%	24%	25%	24%	31%	31%	27%	28%	29%	29%	29%	27%	23%	22%
<i>Non-Traffic</i>	70%	67%	68%	67%	66%	65%	70%	76%	75%	76%	69%	69%	73%	72%	71%	71%	71%	73%	77%	78%
<b>TOTAL CIRCUIT</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>

**Table B-6**  
**CASETYPE PERCENTAGE BY COURT DIVISION, 1996 - 2015**



**Table B-7  
CIRCUIT COURT ANALYSIS, 1996 - 2015**

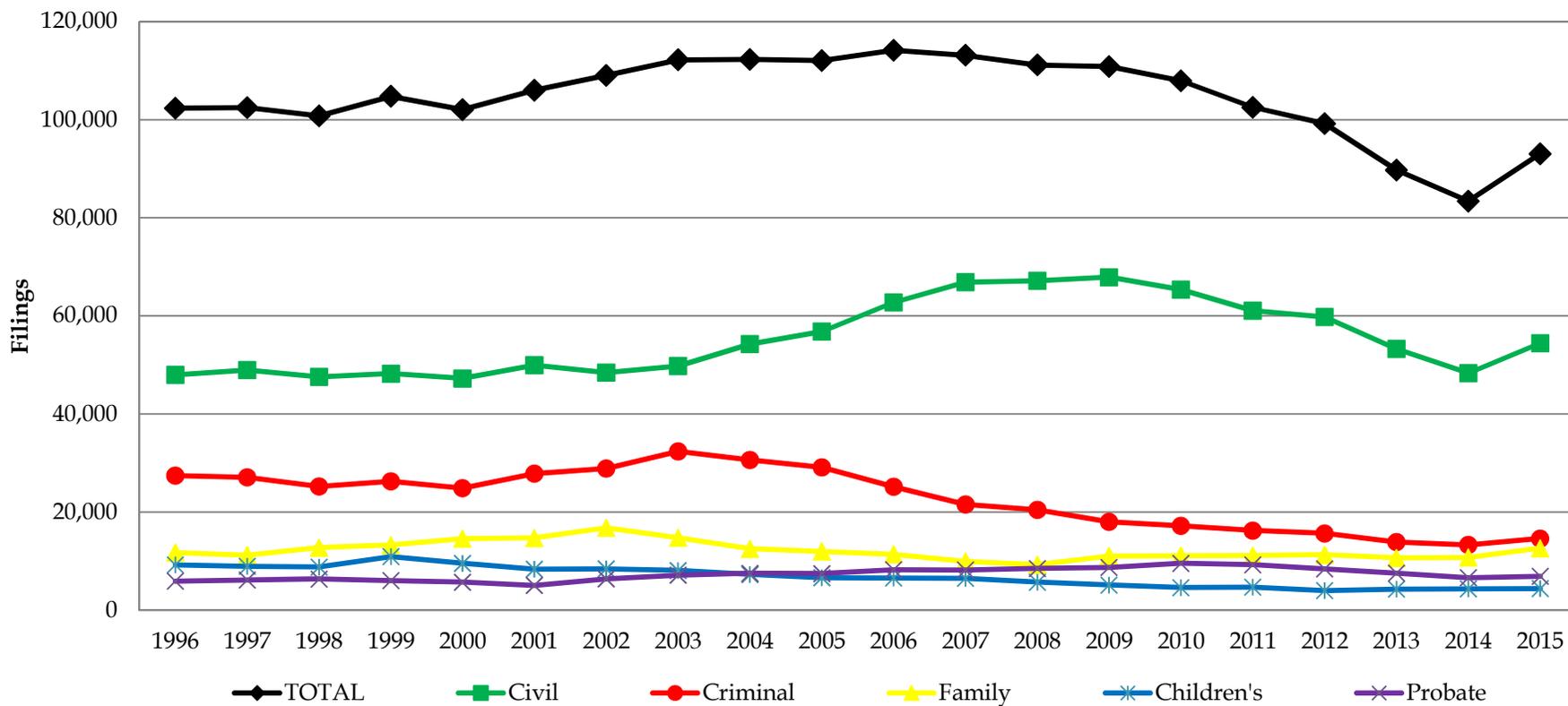
CIRCUIT COURT	Historical Period																				Period	
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Change	
<b>FILINGS</b>																						
<i>Civil</i>	47,968	48,993	47,573	48,246	47,260	49,975	48,439	49,787	54,243	56,799	62,740	66,889	67,155	67,903	65,397	61,093	59,805	53,270	48,346	54,437	13%	
<i>Criminal</i>	27,446	27,089	25,265	26,274	24,893	27,856	28,928	32,396	30,674	29,153	25,187	21,572	20,482	18,025	17,230	16,267	15,675	13,917	13,316	14,626	-47%	
<i>Family</i>	11,750	11,235	12,764	13,289	14,614	14,749	16,811	14,778	12,534	11,983	11,393	9,966	9,272	11,046	11,113	11,142	11,307	10,668	10,753	12,655	8%	
<i>Children's</i>	9,245	8,968	8,806	10,924	9,573	8,384	8,447	8,109	7,306	6,652	6,587	6,521	5,728	5,147	4,636	4,734	4,024	4,297	4,376	4,430	-52%	
<i>Probate</i>	5,948	6,171	6,366	6,039	5,739	5,053	6,400	7,145	7,527	7,475	8,250	8,199	8,532	8,718	9,572	9,283	8,429	7,580	6,621	6,921	16%	
<b>SUBTOTAL</b>	<b>102,357</b>	<b>102,456</b>	<b>100,774</b>	<b>104,772</b>	<b>102,079</b>	<b>106,017</b>	<b>109,025</b>	<b>112,215</b>	<b>112,284</b>	<b>112,062</b>	<b>114,157</b>	<b>113,147</b>	<b>111,169</b>	<b>110,839</b>	<b>107,948</b>	<b>102,519</b>	<b>99,240</b>	<b>89,732</b>	<b>83,412</b>	<b>93,069</b>	<b>-9%</b>	
<i>Traffic</i>	44,759	49,512	46,921	51,353	52,767	55,887	47,081	34,770	37,670	35,655	52,197	49,847	42,142	42,562	43,596	42,852	39,972	32,429	24,882	25,942	-42%	
<b>TOTAL</b>	<b>147,116</b>	<b>151,968</b>	<b>147,695</b>	<b>156,125</b>	<b>154,846</b>	<b>161,904</b>	<b>156,106</b>	<b>146,985</b>	<b>149,954</b>	<b>147,717</b>	<b>166,354</b>	<b>162,994</b>	<b>153,311</b>	<b>153,401</b>	<b>151,544</b>	<b>145,371</b>	<b>139,212</b>	<b>122,161</b>	<b>108,294</b>	<b>119,011</b>	<b>-19%</b>	
<b>JUDICIAL OFFICERS</b>																						
Judge	46	46	46	46	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	2%	
Commissioner	18	18	18	18	18	18	27	27	27	27	27	27	27	25	25	22	22	22	22	22	22	22%
<u>Assignment</u>																						
<i>Judicial Commissioner</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	13	13	13	13	13	13	13	13	13	11	11	11	11	11	11	
<i>Family Commissioner</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	13	13	13	13	13	13	13	11	11	10	10	10	10	10	10	
<i>Probate Commissioner</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
<b>TOTAL</b>	<b>64</b>	<b>64</b>	<b>64</b>	<b>64</b>	<b>65</b>	<b>65</b>	<b>74</b>	<b>72</b>	<b>72</b>	<b>69</b>	<b>69</b>	<b>69</b>	<b>69</b>	<b>69</b>	<b>8%</b>							
<b>FILINGS / OFFICER</b>																						<b>AVG.</b>
Total Filings	2,299	2,375	2,308	2,439	2,382	2,491	2,110	1,986	2,026	1,996	2,248	2,203	2,072	2,131	2,105	2,107	2,018	1,770	1,569	1,725	2,118	
Non-Traffic	1,599	1,601	1,575	1,637	1,570	1,631	1,473	1,516	1,517	1,514	1,543	1,529	1,502	1,539	1,499	1,486	1,438	1,300	1,209	1,349	1,501	
<b>RATIOS</b>																						
Filings per 1,000 Pop.	154.7	160.7	156.7	166.0	164.7	172.4	166.1	156.4	160.1	158.4	178.8	175.0	164.0	162.7	159.9	153.0	146.2	128.0	113.2	124.1	156.1	
Officers per 10,000 Pop.	0.67	0.68	0.68	0.68	0.69	0.69	0.79	0.79	0.79	0.79	0.80	0.79	0.79	0.76	0.76	0.73	0.72	0.72	0.72	0.72	0.74	
<b>POPULATION</b>																						
Total Residents	950,969	945,453	942,430	940,529	940,164	939,305	939,854	939,513	936,914	932,540	930,263	931,453	934,752	942,668	947,735	950,019	952,303	954,587	956,870	959,154	<b>0.9%</b>	

Notes: (1) The increase in commissioners in 2002 may be slightly related to some special projects involving child support, domestic violence, bail proceedings, and a special magistrate position.

(2) The current distribution of the 11 Judicial Commissioners is as follows: 1 Presiding, 4 Civil / Small Claims, 3 Criminal, and 3 Children's.

**Table B-8  
CIRCUIT COURT FILINGS (NON-TRAFFIC), 1996 - 2015**

CIRCUIT COURT	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Civil	47,968	48,993	47,573	48,246	47,260	49,975	48,439	49,787	54,243	56,799	62,740	66,889	67,155	67,903	65,397	61,093	59,805	53,270	48,346	54,437
Criminal	27,446	27,089	25,265	26,274	24,893	27,856	28,928	32,396	30,674	29,153	25,187	21,572	20,482	18,025	17,230	16,267	15,675	13,917	13,316	14,626
Family	11,750	11,235	12,764	13,289	14,614	14,749	16,811	14,778	12,534	11,983	11,393	9,966	9,272	11,046	11,113	11,142	11,307	10,668	10,753	12,655
Children's	9,245	8,968	8,806	10,924	9,573	8,384	8,447	8,109	7,306	6,652	6,587	6,521	5,728	5,147	4,636	4,734	4,024	4,297	4,376	4,430
Probate	5,948	6,171	6,366	6,039	5,739	5,053	6,400	7,145	7,527	7,475	8,250	8,199	8,532	8,718	9,572	9,283	8,429	7,580	6,621	6,921
<b>TOTAL</b>	<b>102,357</b>	<b>102,456</b>	<b>100,774</b>	<b>104,772</b>	<b>102,079</b>	<b>106,017</b>	<b>109,025</b>	<b>112,215</b>	<b>112,284</b>	<b>112,062</b>	<b>114,157</b>	<b>113,147</b>	<b>111,169</b>	<b>110,839</b>	<b>107,948</b>	<b>102,519</b>	<b>99,240</b>	<b>89,732</b>	<b>83,412</b>	<b>93,069</b>



**Table B-9  
JURY ANALYSIS, 1995 - 2014**

CIRCUIT COURT	Historical Period																				Period	
	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	Change	
<b>JURY TRIALS</b>																						
<b>Criminal Division</b>																						
<i>Felony</i>	308	287	264	222	195	226	248	260	192	215	217	224	230	243	240	247	266	294	303	324	5%	
<i>Misdemeanor</i>	254	282	267	179	161	179	133	107	78	90	93	100	82	50	44	64	62	89	71	48	-81%	
<i>Traffic</i>	n/a	n/a	n/a	51	47	51	54	31	34	16	17	28	23	16	20	26	29	27	43	33	-35%	
<i>Civil Forfeiture</i>	n/a	n/a	n/a	1	0	0	6	0	4	2	2	1	2	1	0	2	0	3	1	2	100%	
<b>Civil Division</b>																						
<i>Civil</i>	263	237	246	213	190	190	146	113	125	105	99	106	102	94	82	72	56	51	46	43	-84%	
<i>Probate</i>	10	0	3	3	1	4	1	1	0	1	2	1	1	3	1	2	2	5	5	3	-70%	
<b>Juvenile Division</b>																						
<i>Juvenile /TPR</i>	63	35	17	16	13	17	10	26	34	45	52	19	18	19	17	21	30	24	13	19	-70%	
<b>TOTAL</b>	<b>898</b>	<b>841</b>	<b>797</b>	<b>685</b>	<b>607</b>	<b>667</b>	<b>598</b>	<b>538</b>	<b>467</b>	<b>474</b>	<b>482</b>	<b>479</b>	<b>458</b>	<b>426</b>	<b>404</b>	<b>434</b>	<b>445</b>	<b>493</b>	<b>482</b>	<b>472</b>	<b>-47%</b>	
<b>DISPOSITIONS</b>																						
<b>Verdict</b>	n/a	n/a	n/a	589	524	595	524	460	411	422	425	418	395	376	349	383	389	431	436	432	-27%	
<i>% of Dispositions</i>	n/a	n/a	n/a	86%	86%	89%	88%	86%	88%	89%	88%	87%	86%	88%	86%	87%	87%	89%	90%	92%		
<b>Other</b>																						
<i>Mistrial</i>	n/a	n/a	n/a	14	15	10	17	15	15	10	12	10	9	7	10	12	18	18	15	8		
<i>Settled</i>	n/a	n/a	n/a	16	8	10	6	4	4	6	5	6	9	5	7	4	2	5	5	1		
<i>Hung Jury</i>	n/a	n/a	n/a	13	25	19	19	26	11	14	13	13	16	12	11	7	17	9	11	11		
<i>Dismissed</i>	n/a	n/a	n/a	18	16	10	10	10	6	6	7	8	9	4	10	6	4	10	4	3		
<i>Plea Change</i>	n/a	n/a	n/a	31	17	22	20	21	15	14	16	20	17	14	12	24	12	11	8	15		
<i>Adjourned</i>	n/a	n/a	n/a	4	2	1	2	2	5	2	4	4	3	8	5	4	3	3	3	2		
<b>SUBTOTAL</b>	n/a	n/a	n/a	96	83	72	74	78	56	52	57	61	63	50	55	57	56	56	46	40	-58%	
<i>% of Dispositions</i>	n/a	n/a	n/a	14%	14%	11%	12%	14%	12%	11%	12%	13%	14%	12%	14%	13%	13%	11%	10%	8%		
<b>TOTAL</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>685</b>	<b>607</b>	<b>667</b>	<b>598</b>	<b>538</b>	<b>467</b>	<b>474</b>	<b>482</b>	<b>479</b>	<b>458</b>	<b>426</b>	<b>404</b>	<b>440</b>	<b>445</b>	<b>487</b>	<b>482</b>	<b>472</b>	<b>-31%</b>	
<b>Avg. Trials Per Month</b>	75	70	66	57	51	56	50	45	39	40	40	40	38	36	34	36	37	41	40	39	<b>AVG.</b> 46	
<b>Longest Trial (Days)</b>	25	14	22	30	21	34	15	17	10	14	11	15	26	20	18	14	17	13	15	14	18	

Note: Data for 1995, 1996, and 1997 is not available for the following: Traffic Trials; Civil Forfeiture Trials; Dispositions.

**FILING PROJECTIONS**

**Table B-10  
CIVIL FILING PROJECTIONS, 2020 - 2040**

CIRCUIT COURT	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total Civil Filings	47,968	48,993	47,573	48,246	47,260	49,975	48,439	49,787	54,243	56,799	62,740	66,889	67,155	67,903	65,397	61,093	59,805	53,270	48,346	54,437
Filings / 1,000 Pop.	50.4	51.8	50.5	51.3	50.3	53.2	51.5	53.0	57.9	60.9	67.4	71.8	71.8	72.0	69.0	64.3	62.8	55.8	50.5	56.8
Milwaukee Co. Population	950,969	945,453	942,430	940,529	940,164	939,305	939,854	939,513	936,914	932,540	930,263	931,453	934,752	942,668	947,735	950,019	952,303	954,587	956,870	959,154

HISTORICAL PERIOD: 1996-2015	Percent Change		Number Change		1996-15
	Period	Annual	Period	Annual	Average
Total Civil Filings	13.5%	0.71%	6,469	340.5	55,316
Filings per 1,000 Population	12.5%	0.66%	6.31	0.33	58.7

PROJECTIONS OF RELEVANT VARIABLES	2020	2025	2030	2035	2040
	Milwaukee County Population	970,573	981,993	993,412	1,004,831

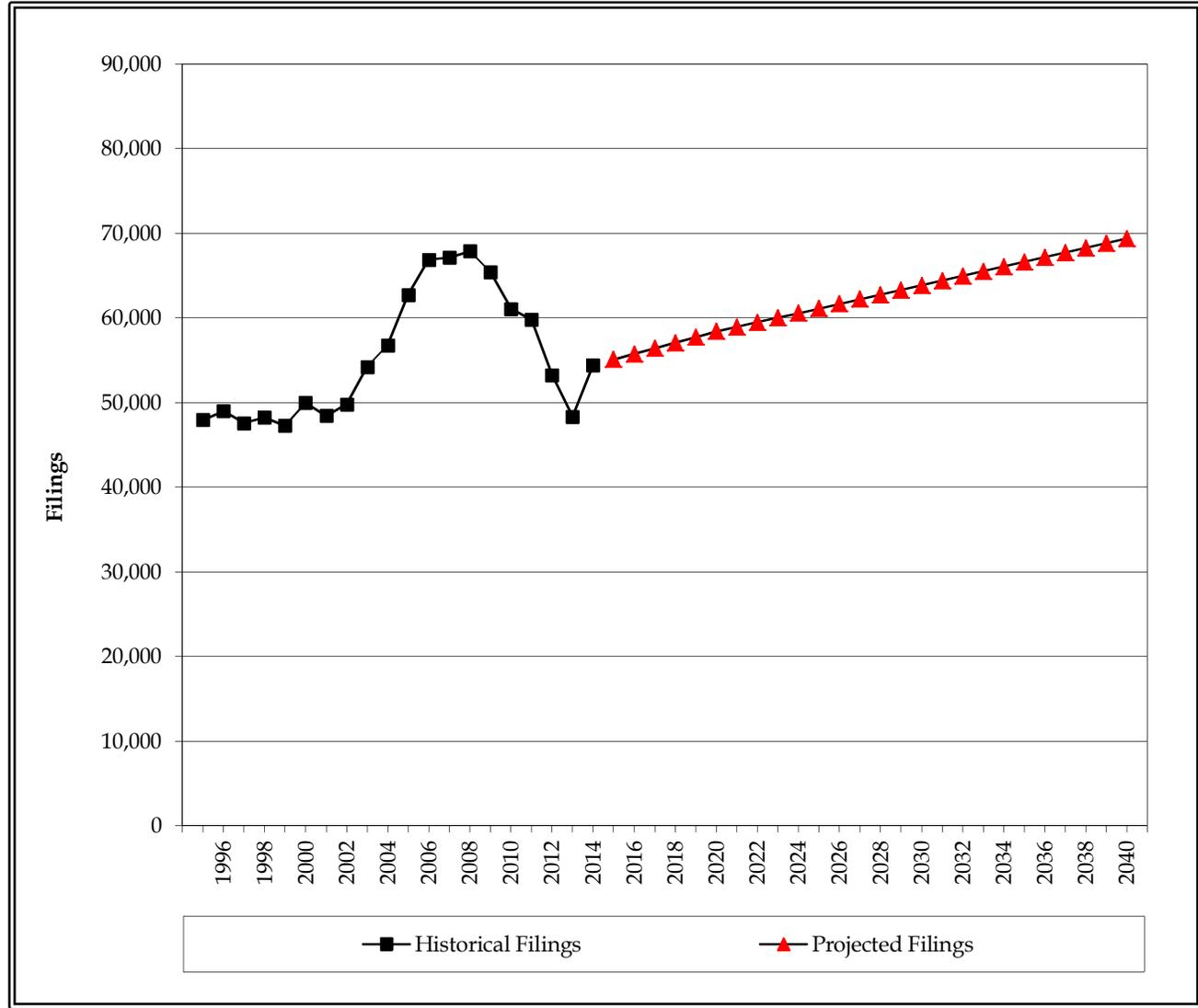
FORECAST MODELS	2020	2025	2030	2035	2040	
<b>1) HISTORICAL TREND -- % CHANGE</b> = 0.71% /year from base: 54,437	56,369	58,301	60,233	62,165	64,097	<=
<b>2) HISTORICAL TREND -- # CHANGE</b> = 340.5 /year from base: 54,437	56,140	57,842	59,544	61,247	62,949	<=
<b>3) MODIFIED HIST. TREND -- % CHANGE</b> = Average 1996-2000 to Average 2011-2015 = 48,008 -> 55,390 = 15.4% = 0.81% /year from base: 54,437	56,640	58,843	61,046	63,249	65,451	<=
<b>4) MODIFIED HIST. TREND -- # CHANGE</b> = 388.5 /year from base: 54,437	56,380	58,323	60,265	62,208	64,151	<=
<b>5) MEAN DEVIATION -- FILINGS</b> = Period Average to High Year = 629.4 /year from base: 54,437	57,584	60,731	63,877	67,024	70,171	<=
<b>6) RATIO TO POPULATION -- % CHANGE</b> = 0.66% /year from base: 56.8	58.6	60.5	62.4	64.2	66.1	<=
<b>7) RATIO TO POPULATION -- # CHANGE</b> = 0.33 /year from base: 56.8	58.4	60.1	61.7	63.4	65.1	<=
<b>8) MODIFIED POP. RATIO -- % CHANGE</b> = Average 1996-2000 to Average 2011-2015 = 50.9 -> 58.0 = 14.1% = 0.74% /year from base: 56.8	58.9	61.0	63.1	65.2	67.3	<=

FORECAST MODELS	2020	2025	2030	2035	2040	
<b>9) MODIFIED POP. RATIO -- # CHANGE</b> = 0.38 /year from base: 56.8	58.6	60.5	62.4	64.3	66.2	<=
<b>10) MEAN DEVIATION -- POP. RATIO</b> = Period Average to High Year = 0.67 /year from base: 56.8	60.1	63.4	66.8	70.1	73.5	<=
<b>11) FILING TO POP. RELATIONSHIP</b> = Filings: 48,008 55,390 7,382 = Pop: 943,909 954,587 <u>10,678</u> = Ratio: 0.6914	Forecast Formula: (Future Pop. - 2015 Pop.) * Ratio + Base					
	62,332	70,227	78,122	86,017	93,912	
	64.2	71.5	78.6	85.6	92.4	
<b>12) LINEAR REGRESSION -- FILINGS</b> = Least Squares Analysis	67.2	69.9	72.5	75.0	77.5	<=
<b>13) LINEAR REGRESSION -- RATIO</b> = Least Squares Analysis	68.6	72.0	75.4	78.8	82.3	<=
<b>14) MULTIPLE REGRESSION</b> = Variables: Time, Population = R-Square: 0.59	57.1	55.3	53.6	51.9	50.3	<=
<b>RECOMMENDED FORECAST ==&gt;</b>						
<b>AVERAGE MODELS SHOWN WITH "&lt;="</b>	<b>58,403</b>	<b>61,113</b>	<b>63,850</b>	<b>66,613</b>	<b>69,405</b>	
<i>Filings per 1,000 Population:</i>	<b>60.2</b>	<b>62.2</b>	<b>64.3</b>	<b>66.3</b>	<b>68.3</b>	

**Table B-11  
CIVIL FILING PROJECTIONS, 2020 - 2040**

HISTORICAL FILINGS	
1996	47,968
1997	48,993
1998	47,573
1999	48,246
2000	47,260
2001	49,975
2002	48,439
2003	49,787
2004	54,243
2005	56,799
2006	62,740
2007	66,889
2008	67,155
2009	67,903
2010	65,397
2011	61,093
2012	59,805
2013	53,270
2014	48,346
2015	54,437
PROJECTED FILINGS	
2020	58,403
2025	61,113
2030	63,850
2035	66,613
2040	69,405



**Table B-12  
CRIMINAL FILING PROJECTIONS, 2020 - 2040**

CIRCUIT COURT	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total Criminal Filings	27,446	27,089	25,265	26,274	24,893	27,856	28,928	32,396	30,674	29,153	25,187	21,572	20,482	18,025	17,230	16,267	15,675	13,917	13,316	14,626
Filings / 1,000 Pop.	28.9	28.7	26.8	27.9	26.5	29.7	30.8	34.5	32.7	31.3	27.1	23.2	21.9	19.1	18.2	17.1	16.5	14.6	13.9	15.2
Milwaukee Co. Population	950,969	945,453	942,430	940,529	940,164	939,305	939,854	939,513	936,914	932,540	930,263	931,453	934,752	942,668	947,735	950,019	952,303	954,587	956,870	959,154

HISTORICAL PERIOD: 1996-2015	Percent Change		Number Change		1996-15
	Period	Annual	Period	Annual	Average
Total Criminal Filings	-46.7%	-2.46%	-12,820	-674.7	22,814
Filings per 1,000 Population	-47.2%	-2.48%	-13.61	-0.72	24.2

PROJECTIONS OF RELEVANT VARIABLES	2020	2025	2030	2035	2040
	Milwaukee County Population	970,573	981,993	993,412	1,004,831

FORECAST MODELS	2020	2025	2030	2035	2040
<b>1) HISTORICAL TREND -- % CHANGE</b>					
= -2.46% /year from base:	14,626	12,828	11,031	9,233	7,435
<b>2) HISTORICAL TREND -- # CHANGE</b>					
= -674.7 /year from base:	14,626	11,253	7,879	4,505	1,132
<b>3) MODIFIED HIST. TREND -- % CHANGE</b>					
= Average 1996-1997 to Average 2014-2015					
= 27,268 -> 13,971 = -48.8%					
= -2.57% /year from base:	14,626	12,749	10,873	8,996	7,119
<b>4) MODIFIED HIST. TREND -- # CHANGE</b>					
= -699.8 /year from base:	14,626	11,127	7,628	4,129	630
<b>5) MEAN DEVIATION -- FILINGS</b>					
= Period Average to High Year					
= 479.1 /year from base:	14,626	17,022	19,418	21,813	24,209
<b>6) RATIO TO POPULATION -- % CHANGE</b>					
= -2.48% /year from base:	15.2	13.4	11.5	9.6	7.7
<b>7) RATIO TO POPULATION -- # CHANGE</b>					
= -0.72 /year from base:	15.2	11.7	8.1	4.5	0.9
<b>8) MODIFIED POP. RATIO -- % CHANGE</b>					
= Average 1996-1997 to Average 2014-2015					
= 28.8 -> 14.6 = -49.3%					
= -2.59% /year from base:	15.2	13.3	11.3	9.3	7.3

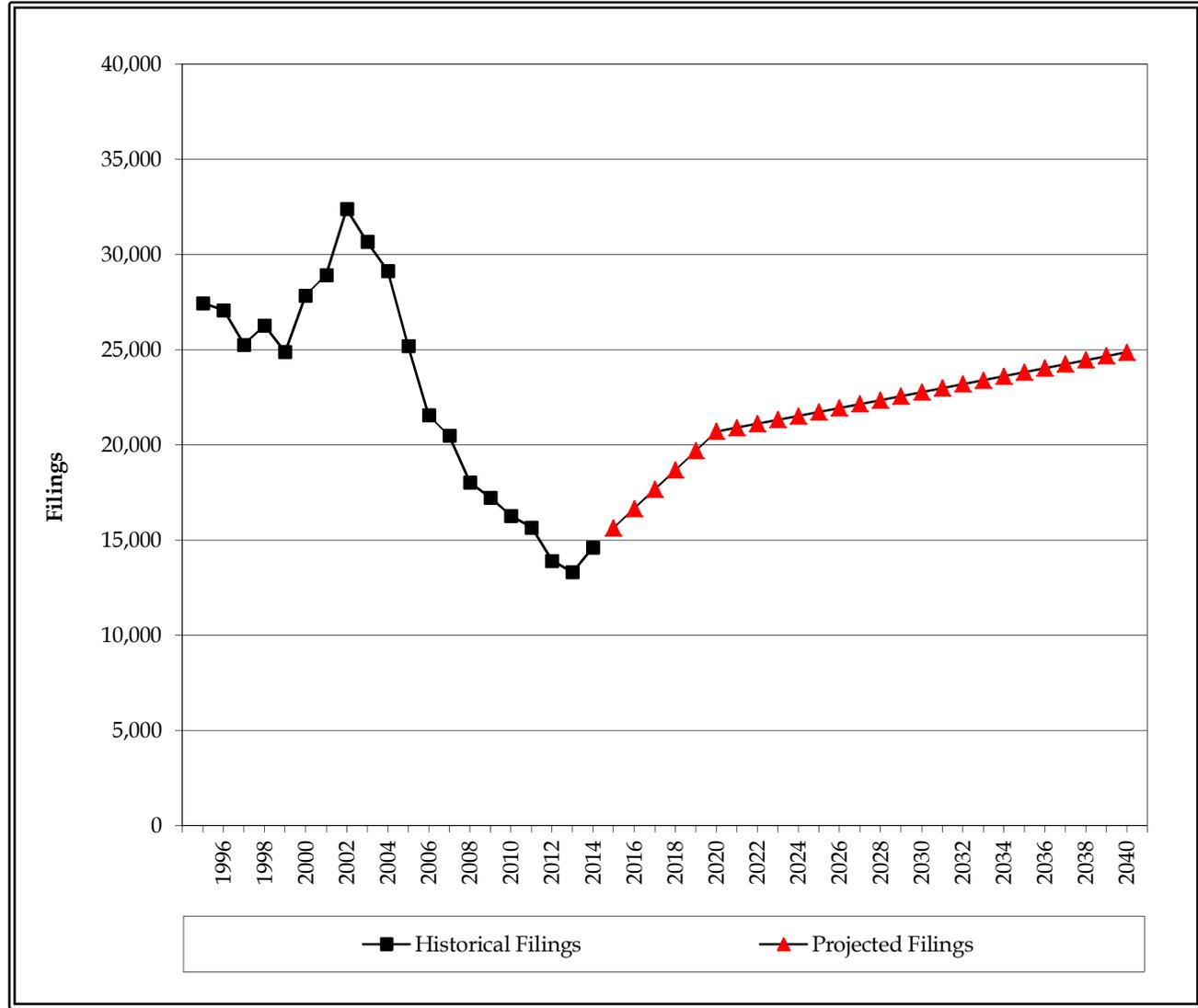
FORECAST MODELS	2020	2025	2030	2035	2040
<b>9) MODIFIED POP. RATIO -- # CHANGE</b>					
= -0.75 /year from base:	15.2	11.5	7.8	4.1	0.3
<b>10) MEAN DEVIATION -- POP. RATIO</b>					
= Period Average to High Year	17,290	20,012	22,793	25,633	28,531
= 0.51 /year from base:	15.2	17.8	20.4	22.9	25.5
<b>11) AVG. RATIO TO POP. (1996-2015)</b>					
= 24.2 filings per 1,000 pop.	24.2	24.2	24.2	24.2	24.2
<b>12) 10-YEAR RATIO TO POP. (2006-2015)</b>					
= 18.7 filings per 1,000 pop.	18.7	18.7	18.7	18.7	18.7
<b>13) CURRENT RATIO TO POP. (2015)</b>					
= 15.2 filings per 1,000 pop.	15.2	15.2	15.2	15.2	15.2
<b>14) HIGH RATIO TO POP. (2003)</b>					
= 34.5 filings per 1,000 pop.	34.5	34.5	34.5	34.5	34.5

RECOMMENDED FORECAST ==>	2020	2025	2030	2035	2040
<b>AVERAGE MODELS SHOWN WITH "&lt;="</b>	20,703	21,732	22,771	23,820	24,878
<i>Filings per 1,000 Population:</i>	21.3	22.1	22.9	23.7	24.5

**Table B-13  
CRIMINAL FILING PROJECTIONS, 2020 - 2040**

HISTORICAL FILINGS	
1996	27,446
1997	27,089
1998	25,265
1999	26,274
2000	24,893
2001	27,856
2002	28,928
2003	32,396
2004	30,674
2005	29,153
2006	25,187
2007	21,572
2008	20,482
2009	18,025
2010	17,230
2011	16,267
2012	15,675
2013	13,917
2014	13,316
2015	14,626
PROJECTED FILINGS	
2020	20,703
2025	21,732
2030	22,771
2035	23,820
2040	24,878



**Table B-14  
FAMILY FILING PROJECTIONS, 2020 - 2040**

CIRCUIT COURT	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total Family Filings	11,750	11,235	12,764	13,289	14,614	14,749	16,811	14,778	12,534	11,983	11,393	9,966	9,272	11,046	11,113	11,142	11,307	10,668	10,753	12,655
Filings / 1,000 Pop.	12.4	11.9	13.5	14.1	15.5	15.7	17.9	15.7	13.4	12.8	12.2	10.7	9.9	11.7	11.7	11.9	11.2	11.2	13.2	
Milwaukee Co. Population	950,969	945,453	942,430	940,529	940,164	939,305	939,854	939,513	936,914	932,540	930,263	931,453	934,752	942,668	947,735	950,019	952,303	954,587	956,870	959,154

HISTORICAL PERIOD: 1996-2015	Percent Change		Number Change		1996-15
	Period	Annual	Period	Annual	Average
Total Family Filings	7.7%	0.41%	905	47.6	12,191
Filings per 1,000 Population	6.8%	0.36%	0.84	0.04	12.9

PROJECTIONS OF RELEVANT VARIABLES	2020	2025	2030	2035	2040
	Milwaukee County Population	970,573	981,993	993,412	1,004,831

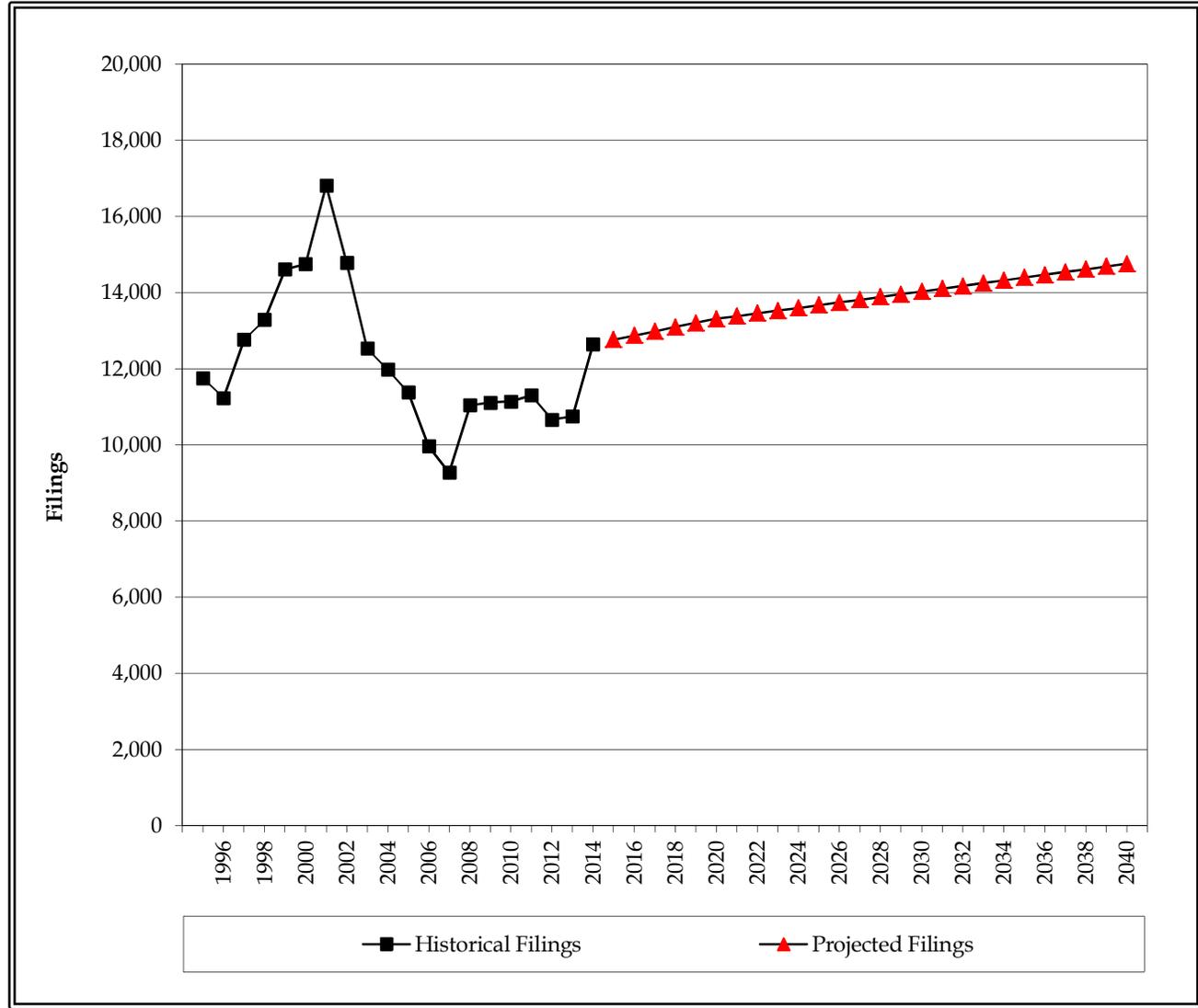
FORECAST MODELS	2020	2025	2030	2035	2040
<b>1) HISTORICAL TREND -- % CHANGE</b>					
= 0.41% /year from base: 12,655	12,911	13,168	13,424	13,681	13,937
<b>2) HISTORICAL TREND -- # CHANGE</b>					
= 47.6 /year from base: 12,655	12,893	13,131	13,369	13,607	13,845
<b>3) MODIFIED HIST. TREND -- % CHANGE</b>					
= Average 1996-1997 to Average 2014-2015					
= 11,493 -> 11,704 = 1.8%					
= 0.10% /year from base: 12,655	12,716	12,777	12,839	12,900	12,961
<b>4) MODIFIED HIST. TREND -- # CHANGE</b>					
= 11.1 /year from base: 12,655	12,710	12,766	12,822	12,877	12,933
<b>5) MEAN DEVIATION -- FILINGS</b>					
= Period Average to High Year					
= 231.0 /year from base: 12,655	13,810	14,965	16,120	17,275	18,430
<b>6) RATIO TO POPULATION -- % CHANGE</b>					
= 0.36% /year from base: 13.2	13,034	13,419	13,809	14,204	14,605
<b>7) RATIO TO POPULATION -- # CHANGE</b>					
= 0.04 /year from base: 13.2	13,020	13,389	13,764	14,144	14,529
<b>8) MODIFIED POP. RATIO -- % CHANGE</b>					
= Average 1996-1997 to Average 2014-2015					
= 12.1 -> 12.2 = 0.8%	12,832	13,010	13,189	13,368	13,548
= 0.04% /year from base: 13.2	13.2	13.2	13.3	13.3	13.3

FORECAST MODELS	2020	2025	2030	2035	2040
<b>9) MODIFIED POP. RATIO -- # CHANGE</b>	12,830	13,006	13,182	13,359	13,537
= 0.01 /year from base: 13.2	13.2	13.2	13.3	13.3	13.3
<b>10) MEAN DEVIATION -- POP. RATIO</b>					
= Period Average to High Year	14,009	15,392	16,803	18,242	19,710
= 0.25 /year from base: 13.2	14.4	15.7	16.9	18.2	19.4
<b>11) FILING TO POP. RELATIONSHIP</b>					
= Filings: 11,493 11,704 211					
= Pop: 948,211 958,012 <u>9,801</u>	12,901	13,148	13,394	13,640	13,887
= Ratio: 0.0216	13.3	13.4	13.5	13.6	13.7
<b>12) CURRENT RATIO TO POP. (2015)</b>	12,806	12,956	13,107	13,258	13,408
= 13.2 filings per 1,000 pop.	13.2	13.2	13.2	13.2	13.2
<b>13) AVG. RATIO TO POP. (1996-2015)</b>	12,546	12,693	12,841	12,988	13,136
= 12.9 filings per 1,000 pop.	12.9	12.9	12.9	12.9	12.9
<b>14) HIGH RATIO TO POP. (2002)</b>	17,360	17,565	17,769	17,973	18,177
= 17.9 filings per 1,000 pop.	17.9	17.9	17.9	17.9	17.9
<b>RECOMMENDED FORECAST ==&gt;</b>					
<b>AVERAGE MODELS SHOWN WITH "&lt;="</b>	<b>13,313</b>	<b>13,670</b>	<b>14,031</b>	<b>14,394</b>	<b>14,760</b>
<i>Filings per 1,000 Population:</i>	<i>13.7</i>	<i>13.9</i>	<i>14.1</i>	<i>14.3</i>	<i>14.5</i>

**Table B-15  
FAMILY FILING PROJECTIONS, 2020 - 2040**

<b>HISTORICAL FILINGS</b>	
1996	11,750
1997	11,235
1998	12,764
1999	13,289
2000	14,614
2001	14,749
2002	16,811
2003	14,778
2004	12,534
2005	11,983
2006	11,393
2007	9,966
2008	9,272
2009	11,046
2010	11,113
2011	11,142
2012	11,307
2013	10,668
2014	10,753
2015	12,655
<b>PROJECTED FILINGS</b>	
2020	13,313
2025	13,670
2030	14,031
2035	14,394
2040	14,760



**Table B-16  
CHILDREN'S FILING PROJECTIONS, 2020 - 2040**

<b>CIRCUIT COURT</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
Total Children's Filings	9,245	8,968	8,806	10,924	9,573	8,384	8,447	8,109	7,306	6,652	6,587	6,521	5,728	5,147	4,636	4,734	4,024	4,297	4,376	4,430
<i>Filings / 1,000 Pop.</i>	9.7	9.5	9.3	11.6	10.2	8.9	9.0	8.6	7.8	7.1	7.1	7.0	6.1	5.5	4.9	5.0	4.2	4.5	4.6	4.6
Milwaukee Co. Population	950,969	945,453	942,430	940,529	940,164	939,305	939,854	939,513	936,914	932,540	930,263	931,453	934,752	942,668	947,735	950,019	952,303	954,587	956,870	959,154

<b>HISTORICAL PERIOD: 1996-2015</b>		<b>Percent Change</b>		<b>Number Change</b>		<b>1996-15 Average</b>	<b>PROJECTIONS OF RELEVANT VARIABLES</b>					
	<b>Period</b>	<b>Annual</b>	<b>Period</b>	<b>Annual</b>			<b>2020</b>	<b>2025</b>	<b>2030</b>	<b>2035</b>	<b>2040</b>	
Total Children's Filings		-52.1%	-2.74%	-4,815	-253.4	6,845						
<i>Filings per 1,000 Population</i>		-52.5%	-2.76%	-5.10	-0.27	7.3	Milwaukee County Population	970,573	981,993	993,412	1,004,831	1,016,250

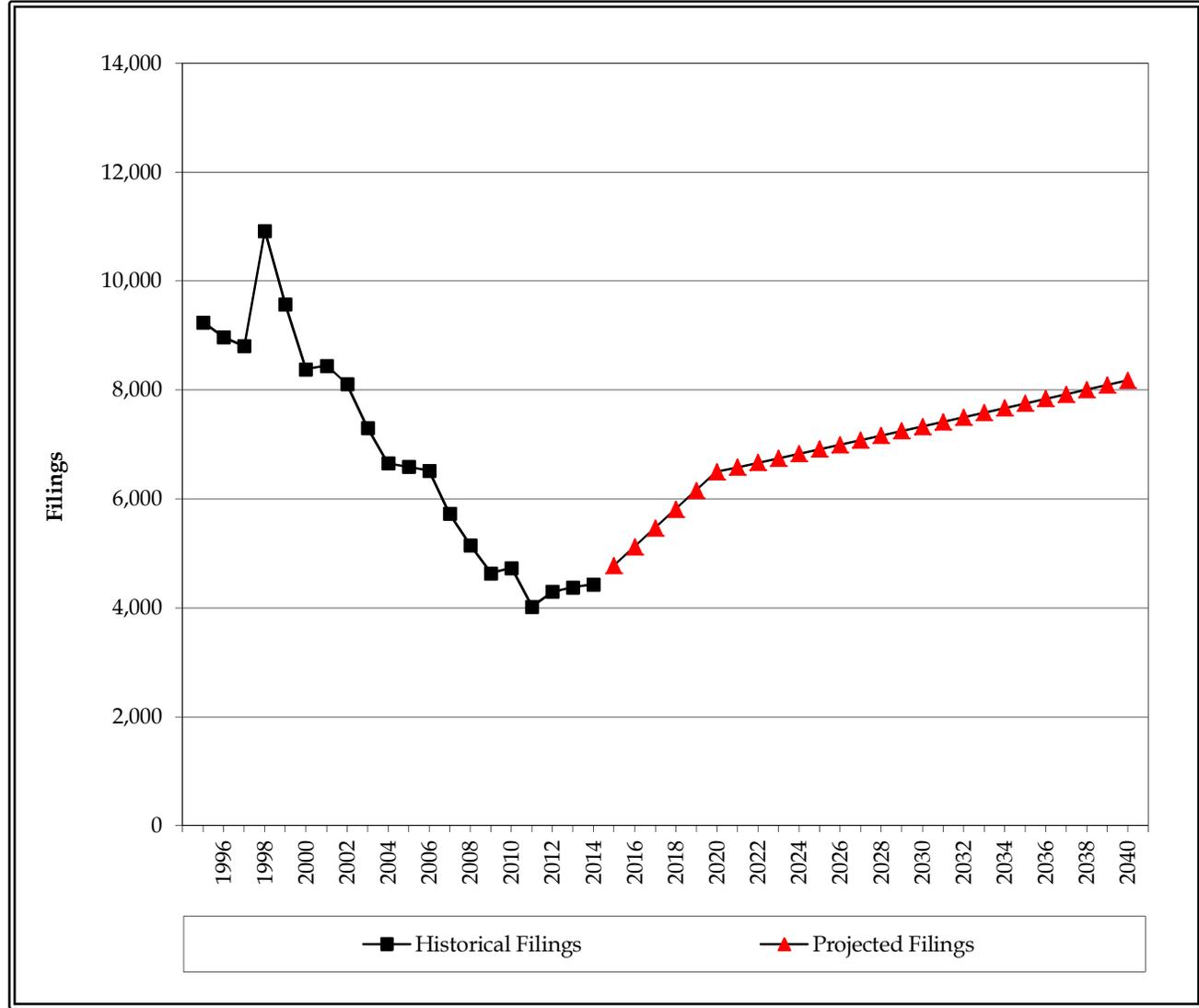
  

<b>FORECAST MODELS</b>	<b>2020</b>	<b>2025</b>	<b>2030</b>	<b>2035</b>	<b>2040</b>	<b>FORECAST MODELS</b>	<b>2020</b>	<b>2025</b>	<b>2030</b>	<b>2035</b>	<b>2040</b>	
<b>1) HISTORICAL TREND -- % CHANGE</b>						<b>9) MODIFIED POP. RATIO -- # CHANGE</b>	3,203	1,947	661	-656	-2,003	
= -2.74% /year from base: 4,430	3,823	3,215	2,608	2,001	1,394	= -0.26 /year from base: 4.6	3.3	2.0	0.7	-0.7	-2.0	
<b>2) HISTORICAL TREND -- # CHANGE</b>						<b>10) MEAN DEVIATION -- POP. RATIO</b>						
= -253.4 /year from base: 4,430	3,163	1,895	628	-639	-1,906	= Period Average to High Year	5,538	6,671	7,829	9,012	10,220	<=
<b>3) MODIFIED HIST. TREND -- % CHANGE</b>						= 0.22 /year from base: 4.6	5.7	6.8	7.9	9.0	10.1	
= Average 1996-1997 to Average 2014-2015						<b>11) AVG. RATIO TO POP. (1996-2015)</b>	7,051	7,134	7,216	7,299	7,382	<=
= 9,107 -> 4,403 = -51.7%						= 7.3 filings per 1,000 pop.	7.3	7.3	7.3	7.3	7.3	
= -2.72% /year from base: 4,430	3,828	3,225	2,623	2,021	1,419	<b>12) 10-YEAR RATIO TO POP. (2006-2015)</b>	5,189	5,250	5,311	5,372	5,433	<=
<b>4) MODIFIED HIST. TREND -- # CHANGE</b>						= 5.3 filings per 1,000 pop.	5.3	5.3	5.3	5.3	5.3	
= -247.6 /year from base: 4,430	3,192	1,954	716	-521	-1,759	<b>13) CURRENT RATIO TO POP. (2015)</b>	4,482	4,535	4,588	4,641	4,693	<=
<b>5) MEAN DEVIATION -- FILINGS</b>						= 4.6 filings per 1,000 pop.	4.6	4.6	4.6	4.6	4.6	
= Period Average to High Year						<b>14) HIGH RATIO TO POP. (1999)</b>	11,273	11,406	11,538	11,671	11,803	<=
= 204.0 /year from base: 4,430	5,450	6,469	7,489	8,509	9,529	= 11.6 filings per 1,000 pop.	11.6	11.6	11.6	11.6	11.6	
<b>6) RATIO TO POPULATION -- % CHANGE</b>	3,863	3,282	2,687	2,076	1,452							
= -2.76% /year from base: 4.6	4.0	3.3	2.7	2.1	1.4	<b>RECOMMENDED FORECAST ==&gt;</b>						
<b>7) RATIO TO POPULATION -- # CHANGE</b>	3,179	1,898	586	-757	-2,131	<b>AVERAGE MODELS SHOWN WITH "&lt;="</b>	<b>6,497</b>	<b>6,911</b>	<b>7,329</b>	<b>7,751</b>	<b>8,177</b>	
= -0.27 /year from base: 4.6	3.3	1.9	0.6	-0.8	-2.1	<i>Filings per 1,000 Population:</i>	<b>6.7</b>	<b>7.0</b>	<b>7.4</b>	<b>7.7</b>	<b>8.0</b>	
<b>8) MODIFIED POP. RATIO -- % CHANGE</b>												
= Average 1996-1997 to Average 2014-2015												
= 9.6 -> 4.6 = -52.1%	3,867	3,291	2,699	2,093	1,473							
= -2.74% /year from base: 4.6	4.0	3.4	2.7	2.1	1.4							

Note: Children's Court currently deals with juveniles age 16 and below. There is pending legislation that would increase the age limit to 17.

**Table B-17**  
**CHILDREN'S FILING PROJECTIONS, 2020 - 2040**

HISTORICAL FILINGS	
1996	9,245
1997	8,968
1998	8,806
1999	10,924
2000	9,573
2001	8,384
2002	8,447
2003	8,109
2004	7,306
2005	6,652
2006	6,587
2007	6,521
2008	5,728
2009	5,147
2010	4,636
2011	4,734
2012	4,024
2013	4,297
2014	4,376
2015	4,430
PROJECTED FILINGS	
2020	6,497
2025	6,911
2030	7,329
2035	7,751
2040	8,177



**Table B-18  
PROBATE FILING PROJECTIONS, 2020 - 2040**

CIRCUIT COURT	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total Probate Filings	5,948	6,171	6,366	6,039	5,739	5,053	6,400	7,145	7,527	7,475	8,250	8,199	8,532	8,718	9,572	9,283	8,429	7,580	6,621	6,921
Filings / 1,000 Pop.	6.3	6.5	6.8	6.4	6.1	5.4	6.8	7.6	8.0	8.0	8.9	8.8	9.1	9.2	10.1	9.8	8.9	7.9	6.9	7.2
Milwaukee Co. Population	950,969	945,453	942,430	940,529	940,164	939,305	939,854	939,513	936,914	932,540	930,263	931,453	934,752	942,668	947,735	950,019	952,303	954,587	956,870	959,154

HISTORICAL PERIOD: 1996-2015	Percent Change		Number Change		1996-15
	Period	Annual	Period	Annual	Average
Total Probate Filings	16.4%	0.86%	973	51.2	7,298
Filings per 1,000 Population	15.4%	0.81%	0.96	0.05	7.7

PROJECTIONS OF RELEVANT VARIABLES	2020	2025	2030	2035	2040
	Milwaukee County Population	970,573	981,993	993,412	1,004,831

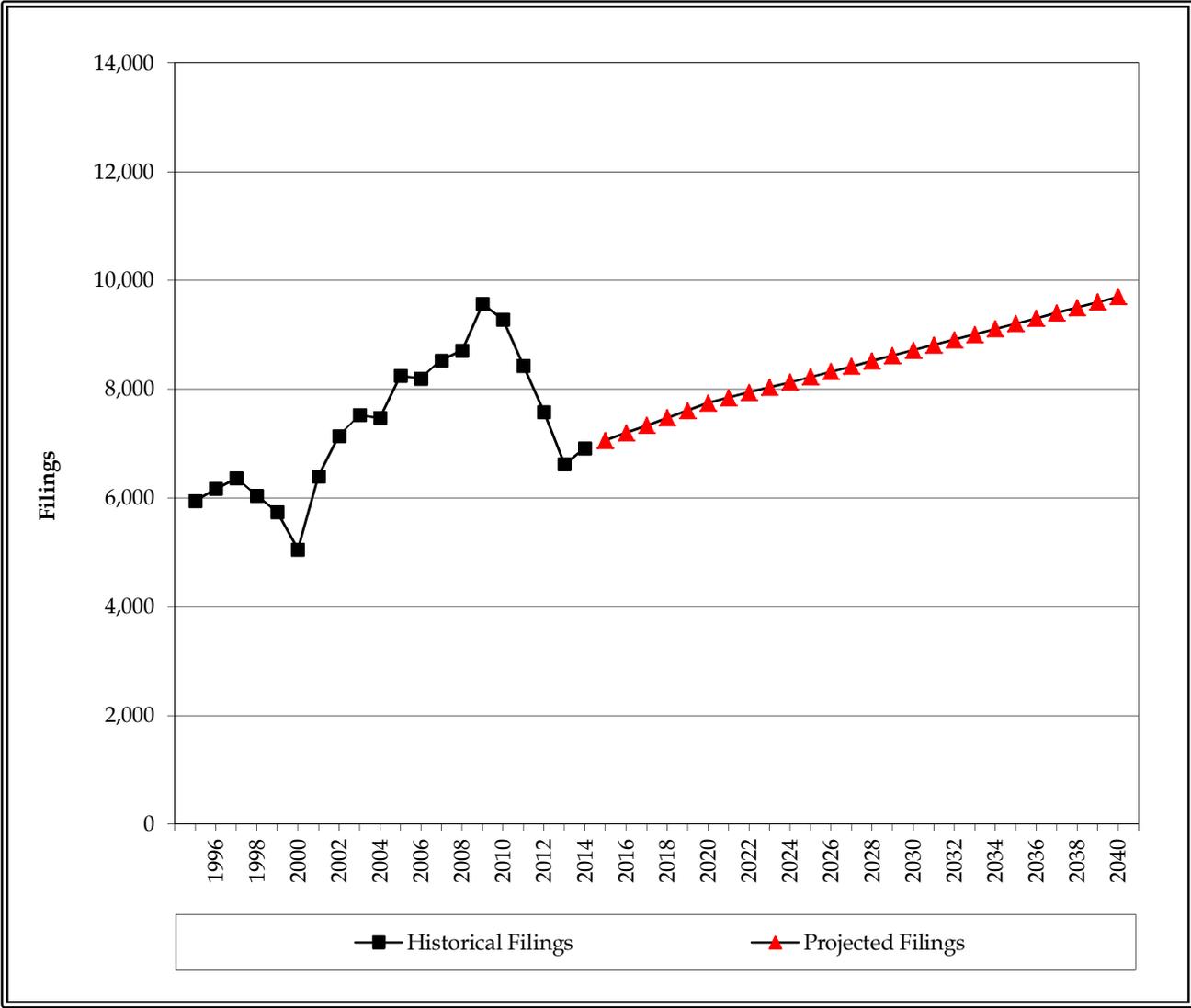
FORECAST MODELS	2020	2025	2030	2035	2040
<b>1) HISTORICAL TREND -- % CHANGE</b> = 0.86% /year from base: 6,921	7,218	7,516	7,814	8,112	8,410
<b>2) HISTORICAL TREND -- # CHANGE</b> = 51.2 /year from base: 6,921	7,177	7,432	7,688	7,944	8,200
<b>3) MODIFIED HIST. TREND -- % CHANGE</b> = Average 1996-2000 to Average 2011-2015 = 6,053 -> 7,767 = 28.3% = 1.49% /year from base: 6,921	7,436	7,952	8,468	8,984	9,499
<b>4) MODIFIED HIST. TREND -- # CHANGE</b> = 90.2 /year from base: 6,921	7,372	7,823	8,274	8,725	9,176
<b>5) MEAN DEVIATION -- FILINGS</b> = Period Average to High Year = 113.7 /year from base: 6,921	7,489	8,057	8,626	9,194	9,763
<b>6) RATIO TO POPULATION -- % CHANGE</b> = 0.81% /year from base: 7.2	7,286	7,658	8,037	8,422	8,814
<b>7) RATIO TO POPULATION -- # CHANGE</b> = 0.05 /year from base: 7.2	7,248	7,582	7,921	8,266	8,617
<b>8) MODIFIED POP. RATIO -- % CHANGE</b> = Average 1996-2000 to Average 2011-2015 = 6.4 -> 8.1 = 26.9% = 1.42% /year from base: 7.2	7,499	8,090	8,692	9,306	9,931

FORECAST MODELS	2020	2025	2030	2035	2040
<b>9) MODIFIED POP. RATIO -- # CHANGE</b> = 0.09 /year from base: 7.2	7,444	7,978	8,522	9,077	9,642
<b>10) MEAN DEVIATION -- POP. RATIO</b> = Period Average to High Year = 0.12 /year from base: 7.2	7,576	8,245	8,928	9,624	10,334
<b>11) FILING TO POP. RELATIONSHIP</b> = Filings: 6,053 7,767 1,714 = Pop: 943,909 954,587 10,678 = Ratio: 0.1605	Forecast Formula: (Future Pop. - 2015 Pop.) * Ratio + Base				
	8,754	10,587	12,420	14,253	16,086
	9.0	10.8	12.5	14.2	15.8
<b>12) LINEAR REGRESSION -- FILINGS</b> = Least Squares Analysis	9,272	9,952	10,633	11,313	11,994
<b>13) LINEAR REGRESSION -- RATIO</b> = Least Squares Analysis	9,467	10,261	11,071	11,897	12,739
<b>14) MULTIPLE REGRESSION</b> = Variables: Time, Population = R-Square: 0.53	8,216	8,412	8,609	8,806	9,002
<b>RECOMMENDED FORECAST ==&gt;</b>					
<b>AVERAGE MODELS SHOWN WITH "&lt;="</b>	<b>7,746</b>	<b>8,228</b>	<b>8,714</b>	<b>9,205</b>	<b>9,702</b>
<i>Filings per 1,000 Population:</i>	<b>8.0</b>	<b>8.4</b>	<b>8.8</b>	<b>9.2</b>	<b>9.5</b>

**Table B-19  
PROBATE FILING PROJECTIONS, 2020 - 2040**

HISTORICAL FILINGS	
1996	5,948
1997	6,171
1998	6,366
1999	6,039
2000	5,739
2001	5,053
2002	6,400
2003	7,145
2004	7,527
2005	7,475
2006	8,250
2007	8,199
2008	8,532
2009	8,718
2010	9,572
2011	9,283
2012	8,429
2013	7,580
2014	6,621
2015	6,921
PROJECTED FILINGS	
2020	7,746
2025	8,228
2030	8,714
2035	9,205
2040	9,702



**Table B-20  
TRAFFIC FILING PROJECTIONS, 2020 - 2040**

CIRCUIT COURT	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total Traffic Filings	44,759	49,512	46,921	51,353	52,767	55,887	47,081	34,770	37,670	35,655	52,197	49,847	42,142	42,562	43,596	42,852	39,972	32,429	24,882	25,942
Filings / 1,000 Pop.	47.1	52.4	49.8	54.6	56.1	59.5	50.1	37.0	40.2	38.2	56.1	53.5	45.1	45.2	46.0	45.1	42.0	34.0	26.0	27.0
Milwaukee Co. Population	950,969	945,453	942,430	940,529	940,164	939,305	939,854	939,513	936,914	932,540	930,263	931,453	934,752	942,668	947,735	950,019	952,303	954,587	956,870	959,154

HISTORICAL PERIOD: 1996-2015	Percent Change		Number Change		1996-15
	Period	Annual	Period	Annual	Average
Total Traffic Filings	-42.0%	-2.21%	-18,817	-990.4	42,640
Filings per 1,000 Population	-42.5%	-2.24%	-20.02	-1.05	45.2

PROJECTIONS OF RELEVANT VARIABLES	2020	2025	2030	2035	2040
	Milwaukee County Population	970,573	981,993	993,412	1,004,831

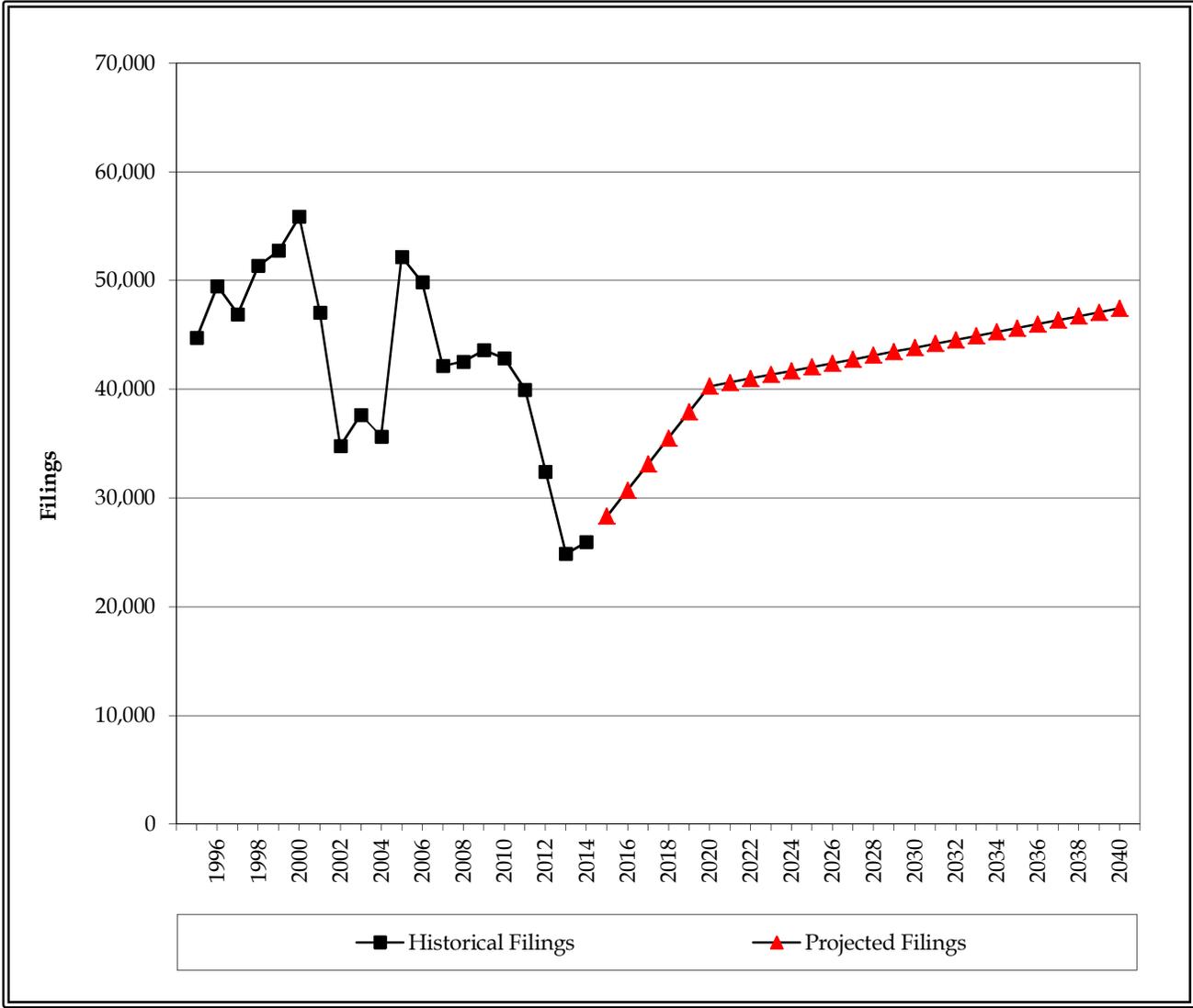
FORECAST MODELS	2020	2025	2030	2035	2040
<b>1) HISTORICAL TREND -- % CHANGE</b>					
= -2.21% /year from base:	25,942	23,072	20,202	17,332	14,462
<b>2) HISTORICAL TREND -- # CHANGE</b>					
= -990.4 /year from base:	25,942	20,991	16,039	11,087	6,135
<b>3) MODIFIED HIST. TREND -- % CHANGE</b>					
= Average 1996-1998 to Average 2013-2015					
= 47,064 -> 27,751 = -41.0%					
= -2.16% /year from base:	25,942	23,141	20,339	17,538	14,736
<b>4) MODIFIED HIST. TREND -- # CHANGE</b>					
= -1,016.5 /year from base:	25,942	20,860	15,778	10,695	5,613
<b>5) MEAN DEVIATION -- FILINGS</b>					
= Period Average to High Year					
= 662.4 /year from base:	25,942	29,254	32,566	35,878	39,189
<b>6) RATIO TO POPULATION -- % CHANGE</b>					
= -2.24% /year from base:	27.0	23,313	20,614	17,846	15,009
	27.0	24.0	21.0	18.0	14.9
<b>7) RATIO TO POPULATION -- # CHANGE</b>					
= -1.05 /year from base:	27.0	21,138	16,213	11,168	6,003
	27.0	21.8	16.5	11.2	6.0
<b>8) MODIFIED POP. RATIO -- % CHANGE</b>					
= Average 1996-1998 to Average 2013-2015					
= 49.7 -> 29.0 = -41.7%					
= -2.19% /year from base:	27.0	23,372	20,733	18,027	15,253
	27.0	24.1	21.1	18.1	15.2

FORECAST MODELS	2020	2025	2030	2035	2040
<b>9) MEAN DEVIATION -- POP. RATIO</b>					
= Period Average to High Year	29,709	33,557	37,486	41,497	45,589
= 0.71 /year from base:	27.0	30.6	34.2	37.7	41.3
<b>10) LINEAR REGRESSION -- FILINGS</b>					
= Least Squares Analysis	28,435	23,537	18,638	13,740	8,842
	29.3	24.0	18.8	13.7	8.7
<b>11) LINEAR REGRESSION -- RATIO</b>					
= Least Squares Analysis	29,006	24,146	19,164	14,062	8,838
	29.9	24.6	19.3	14.0	8.7
<b>12) AVG. RATIO TO POP. (1996-2015)</b>					
= 45.2 filings per 1,000 pop.	43,916	44,433	44,949	45,466	45,983
	45.2	45.2	45.2	45.2	45.2
<b>13) 10-YEAR RATIO TO POP. (2006-2015)</b>					
= 42.0 filings per 1,000 pop.	40,760	41,240	41,720	42,199	42,679
	42.0	42.0	42.0	42.0	42.0
<b>14) CURRENT RATIO TO POP. (2015)</b>					
= 27.0 filings per 1,000 pop.	26,251	26,560	26,869	27,178	27,487
	27.0	27.0	27.0	27.0	27.0
<b>15) HIGH RATIO TO POP. (2001)</b>					
= 59.5 filings per 1,000 pop.	57,747	58,427	59,106	59,786	60,465
	59.5	59.5	59.5	59.5	59.5
<b>RECOMMENDED FORECAST ==&gt;</b>					
<b>AVERAGE MODELS SHOWN WITH "&lt;="</b>	<b>40,277</b>	<b>42,045</b>	<b>43,828</b>	<b>45,628</b>	<b>47,443</b>
<i>Filings per 1,000 Population:</i>	<b>41.5</b>	<b>42.8</b>	<b>44.1</b>	<b>45.4</b>	<b>46.7</b>

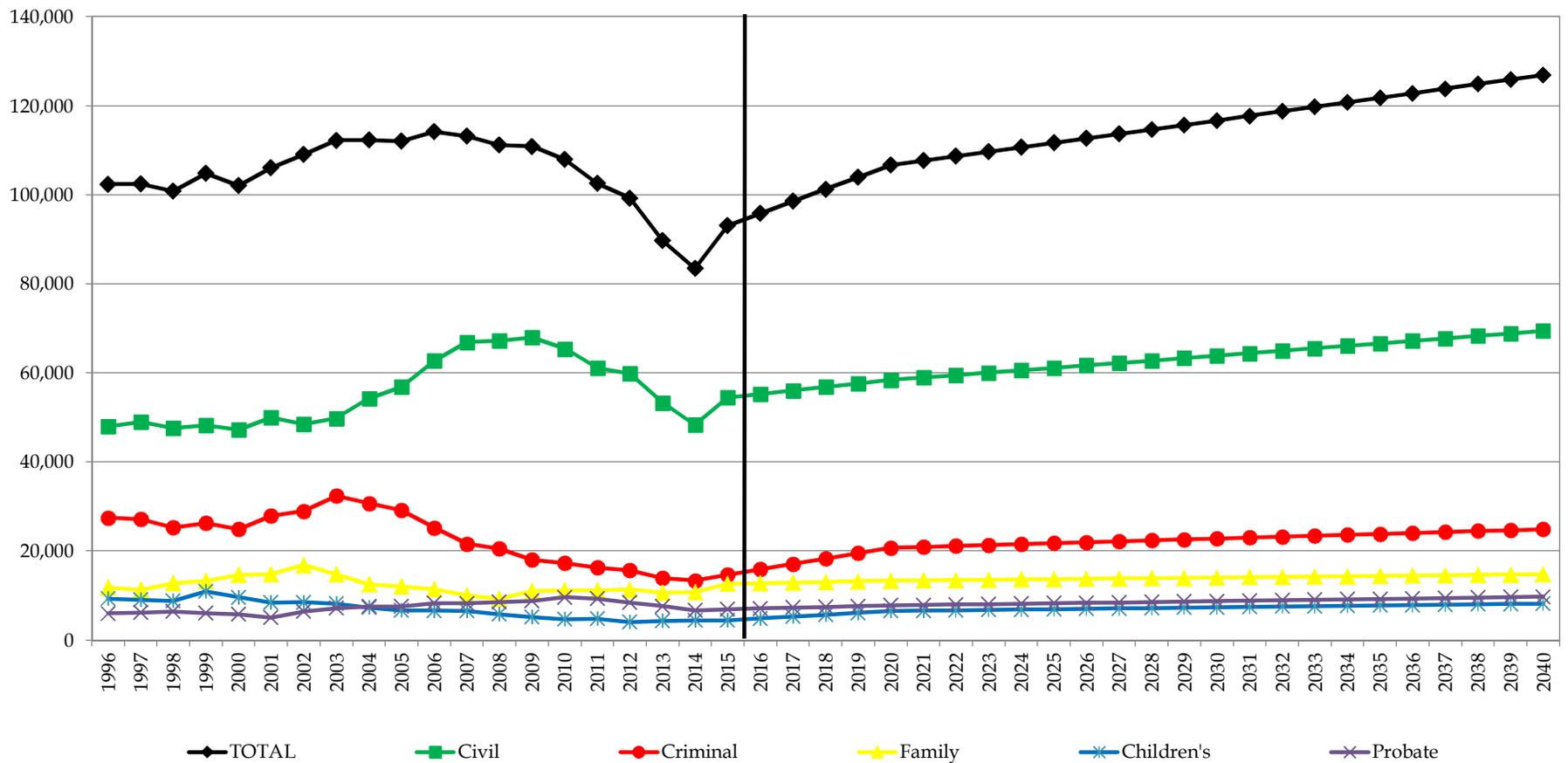
**Table B-21  
TRAFFIC FILING PROJECTIONS, 2020 - 2040**

HISTORICAL FILINGS	
1996	44,759
1997	49,512
1998	46,921
1999	51,353
2000	52,767
2001	55,887
2002	47,081
2003	34,770
2004	37,670
2005	35,655
2006	52,197
2007	49,847
2008	42,142
2009	42,562
2010	43,596
2011	42,852
2012	39,972
2013	32,429
2014	24,882
2015	25,942
PROJECTED FILINGS	
2020	40,277
2025	42,045
2030	43,828
2035	45,628
2040	47,443



**Table B-22**  
**HISTORICAL AND PROJECTED CIRCUIT COURT FILINGS (NON-TRAFFIC), 1996 - 2040**

	HISTORICAL FILINGS																				PROJECTED FILINGS				
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2020	2025	2030	2035	2040
Civil	47,968	48,993	47,573	48,246	47,260	49,975	48,439	49,787	54,243	56,799	62,740	66,889	67,155	67,903	65,397	61,093	59,805	53,270	48,346	54,437	58,403	61,113	63,850	66,613	69,405
Criminal	27,446	27,089	25,265	26,274	24,893	27,856	28,928	32,396	30,674	29,153	25,187	21,572	20,482	18,025	17,230	16,267	15,675	13,917	13,316	14,626	20,703	21,732	22,771	23,820	24,878
Family	11,750	11,235	12,764	13,289	14,614	14,749	16,811	14,778	12,534	11,983	11,393	9,966	9,272	11,046	11,113	11,142	11,307	10,668	10,753	12,655	13,313	13,670	14,031	14,394	14,760
Children's	9,245	8,968	8,806	10,924	9,573	8,384	8,447	8,109	7,306	6,652	6,587	6,521	5,728	5,147	4,636	4,734	4,024	4,297	4,376	4,430	6,497	6,911	7,329	7,751	8,177
Probate	5,948	6,171	6,366	6,039	5,739	5,053	6,400	7,145	7,527	7,475	8,250	8,199	8,532	8,718	9,572	9,283	8,429	7,580	6,621	6,921	7,746	8,228	8,714	9,205	9,702
<b>TOTAL</b>	<b>102,357</b>	<b>102,456</b>	<b>100,774</b>	<b>104,772</b>	<b>102,079</b>	<b>106,017</b>	<b>109,025</b>	<b>112,215</b>	<b>112,284</b>	<b>112,062</b>	<b>114,157</b>	<b>113,147</b>	<b>111,169</b>	<b>110,839</b>	<b>107,948</b>	<b>102,519</b>	<b>99,240</b>	<b>89,732</b>	<b>83,412</b>	<b>93,069</b>	<b>106,662</b>	<b>111,654</b>	<b>116,694</b>	<b>121,783</b>	<b>126,922</b>



**JUDICIAL OFFICER PROJECTIONS**

**Table B-23  
CIRCUIT COURT JUDGESHIP PROJECTIONS, 2020 - 2040**

CIRCUIT COURT	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Judges	46	46	46	46	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47
Milwaukee Co. Population	950,969	945,453	942,430	940,529	940,164	939,305	939,854	939,513	936,914	932,540	930,263	931,453	934,752	942,668	947,735	950,019	952,303	954,587	956,870	959,154
Judges / 10,000 Pop.	0.48	0.49	0.49	0.49	0.50	0.50	0.50	0.50	0.50	0.50	0.51	0.50	0.50	0.50	0.50	0.49	0.49	0.49	0.49	0.49
Total Non-Traffic Filings	102,357	102,456	100,774	104,772	102,079	106,017	109,025	112,215	112,284	112,062	114,157	113,147	111,169	110,839	107,948	102,519	99,240	89,732	83,412	93,069
Filings per Judge	2,225	2,227	2,191	2,278	2,172	2,256	2,320	2,388	2,389	2,384	2,429	2,407	2,365	2,358	2,297	2,181	2,111	1,909	1,775	1,980

HISTORICAL PERIOD: 1996-2015	Percent Change Number Change				1996-15 Average
	Period	Annual	Period	Annual	
Judges	2.2%	0.1%	1.0	0.05	46.8
Judges per 10,000 Population	1.3%	0.1%	0.006	0.000	0.50
Filings per Judge	-11.0%	-0.6%	-245.0	-12.9	2,232
Milwaukee County Population	0.9%	0.0%	8,185	430.8	943,374

PROJECTIONS OF RELEVANT VARIABLES	2020	2025	2030	2035	2040
Milwaukee County Population	970,573	981,993	993,412	1,004,831	1,016,250
Total Non-Traffic Filings	106,662	111,654	116,694	121,783	126,922

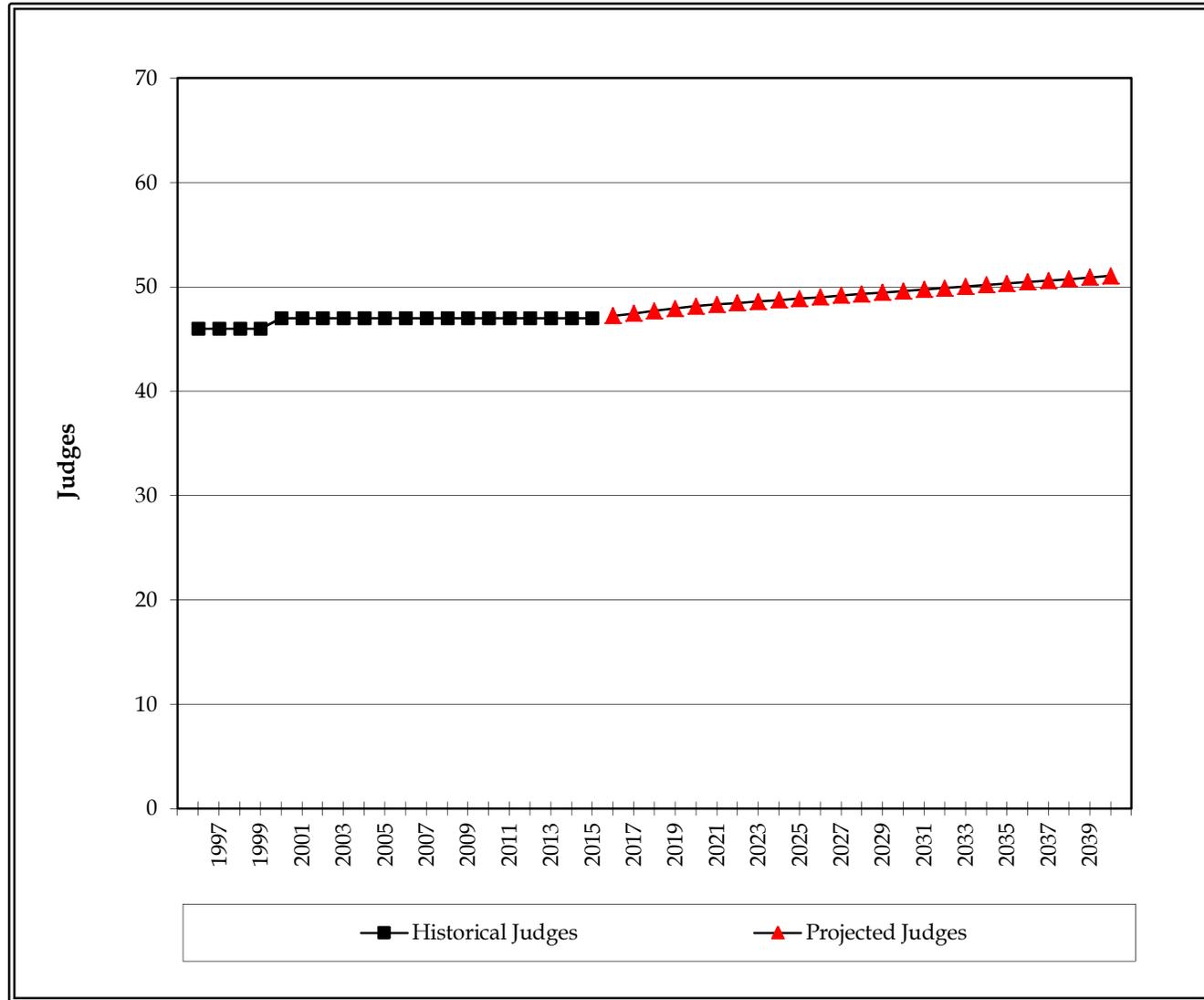
FORECAST MODELS	2020	2025	2030	2035	2040
<b>1) HISTORICAL TREND -- % CHANGE</b>					
= 0.1% /year from base: 47.0	47.3	47.5	47.8	48.1	48.3
					<=
<b>2) HISTORICAL TREND -- # CHANGE</b>					
= 0.05 /year from base: 47.0	47.3	47.5	47.8	48.1	48.3
					<=
<b>3) LINEAR REGRESSION</b>	47.5	47.7	48.0	48.2	48.5
					<=
<b>4) POPULATION RATIO</b>					
(A) Increasing Ratio	47.7	48.4	49.2	49.9	50.6
= 0.0003 /year from base: 0.49	0.49	0.49	0.49	0.50	0.50
					<=
(B) Mean Deviation: Avg. to High Year	47.8	48.6	49.4	50.2	51.0
= 0.000 /year from base: 0.49	0.49	0.49	0.50	0.50	0.50
					<=
(C) Linear Regression	48.4	49.1	49.7	50.4	51.0
= Least Squares Analysis	0.50	0.50	0.50	0.50	0.50
					<=

FORECAST MODELS	2020	2025	2030	2035	2040
<b>5) FILINGS PER JUDGE</b>					
(A) Mean Deviation: Average to High Year	52.6	53.7	54.8	55.9	57.0
= 9.8 /year from base: 1,980	2,029	2,079	2,128	2,177	2,226
					<=
(B) Average Ratio (1996-2015)	47.8	50.0	52.3	54.6	56.9
= 2,232 filings per judge	2,232	2,232	2,232	2,232	2,232
					<=
(C) Current Ratio (2015)	53.9	56.4	58.9	61.5	64.1
= 1,980 filings per judge	1,980	1,980	1,980	1,980	1,980
					<=
<b>6) MULTIPLE REGRESSION</b>					
= Variables: Time, Pop., Filings					
= R-Square: 0.68	47.2	47.4	47.5	47.6	47.8
					<=
<b>RECOMMENDED FORECAST ==&gt;</b>					
<b>AVERAGE MODELS SHOWN WITH "&lt;="</b>	<b>48.2</b>	<b>48.9</b>	<b>49.6</b>	<b>50.3</b>	<b>51.0</b>
<i>Judges per 10,000 Population:</i>	<i>0.50</i>	<i>0.50</i>	<i>0.50</i>	<i>0.50</i>	<i>0.50</i>
<i>Filings per Judge:</i>	<i>2,214</i>	<i>2,284</i>	<i>2,352</i>	<i>2,420</i>	<i>2,486</i>

**Table B-24**  
**CIRCUIT COURT JUDGESHIP PROJECTIONS, 2020 - 2040**

HISTORICAL JUDGES	
1996	46.0
1997	46.0
1998	46.0
1999	46.0
2000	47.0
2001	47.0
2002	47.0
2003	47.0
2004	47.0
2005	47.0
2006	47.0
2007	47.0
2008	47.0
2009	47.0
2010	47.0
2011	47.0
2012	47.0
2013	47.0
2014	47.0
2015	47.0
PROJECTED JUDGES	
2020	48.2
2025	48.9
2030	49.6
2035	50.3
2040	51.0



**Table B-25  
COMMISSIONER PROJECTIONS, 2020 - 2040**

CIRCUIT COURT	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>Commissioners</b>	<b>18</b>	<b>18</b>	<b>18</b>	<b>18</b>	<b>18</b>	<b>18</b>	<b>27</b>	<b>25</b>	<b>25</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>22</b>						
Milwaukee Co. Population	950,969	945,453	942,430	940,529	940,164	939,305	939,854	939,513	936,914	932,540	930,263	931,453	934,752	942,668	947,735	950,019	952,303	954,587	956,870	959,154
Commissioners / 10,000 Pop.	0.19	0.19	0.19	0.19	0.19	0.19	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.27	0.26	0.23	0.23	0.23	0.23	0.23
Total Circuit Judges	46	46	46	46	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47
Commissioners per Judge	0.39	0.39	0.39	0.39	0.38	0.38	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.53	0.53	0.47	0.47	0.47	0.47	0.47
Total Circuit Filings	147,116	151,968	147,695	156,125	154,846	161,904	156,106	146,985	149,954	147,717	166,354	162,994	153,311	153,401	151,544	145,371	139,212	122,161	108,294	119,011
Filings per Commissioner	8,173	8,443	8,205	8,674	8,603	8,995	5,782	5,444	5,554	5,471	6,161	6,037	5,678	6,136	6,062	6,608	6,328	5,553	4,922	5,410

HISTORICAL PERIOD: 1996-2015	Percent Change		Number Change		1996-15
	Period	Annual	Period	Annual	Average
Commissioners	22.2%	1.2%	4.0	0.21	22.9
Commissioners per 10,000 Population	21.2%	1.1%	0.040	0.002	0.24
Commissioners per Judge	19.6%	1.0%	0.08	0.004	0.49
Filings per Commissioner	-30.7%	-1.6%	-2,764	-145.4	6,612

PROJECTIONS OF RELEVANT VARIABLES	2020	2025	2030	2035	2040
	Milwaukee County Population	970,573	981,993	993,412	1,004,831
Circuit Judges	48.2	48.9	49.6	50.3	51.0
Total Circuit Filings	146,939	153,698	160,522	167,411	174,365

FORECAST MODELS	2020	2025	2030	2035	2040	
<b>1) HISTORICAL TREND -- % CHANGE</b>						
= 1.2% /year from base: 22.0	23.3	24.6	25.9	27.1	28.4	<=
<b>2) HISTORICAL TREND -- # CHANGE</b>						
= 0.21 /year from base: 22.0	23.1	24.1	25.2	26.2	27.3	<=
<b>3) LINEAR REGRESSION</b>	26.7	28.0	29.3	30.6	31.9	<=
<b>4) POPULATION RATIO</b>						
(A) Increasing Ratio	23.3	24.6	25.9	27.3	28.7	<=
= 0.0021 /year from base: 0.23	0.24	0.25	0.26	0.27	0.28	
(B) Mean Deviation: Avg. to High Year	23.4	24.9	26.4	27.9	29.4	<=
= 0.002 /year from base: 0.23	0.24	0.25	0.27	0.28	0.29	
(C) 10-Year Average Ratio (2006-2015)	24.8	25.0	25.3	25.6	25.9	<=
= 0.26 commissioners per 10,000 pop.	0.26	0.26	0.26	0.26	0.26	

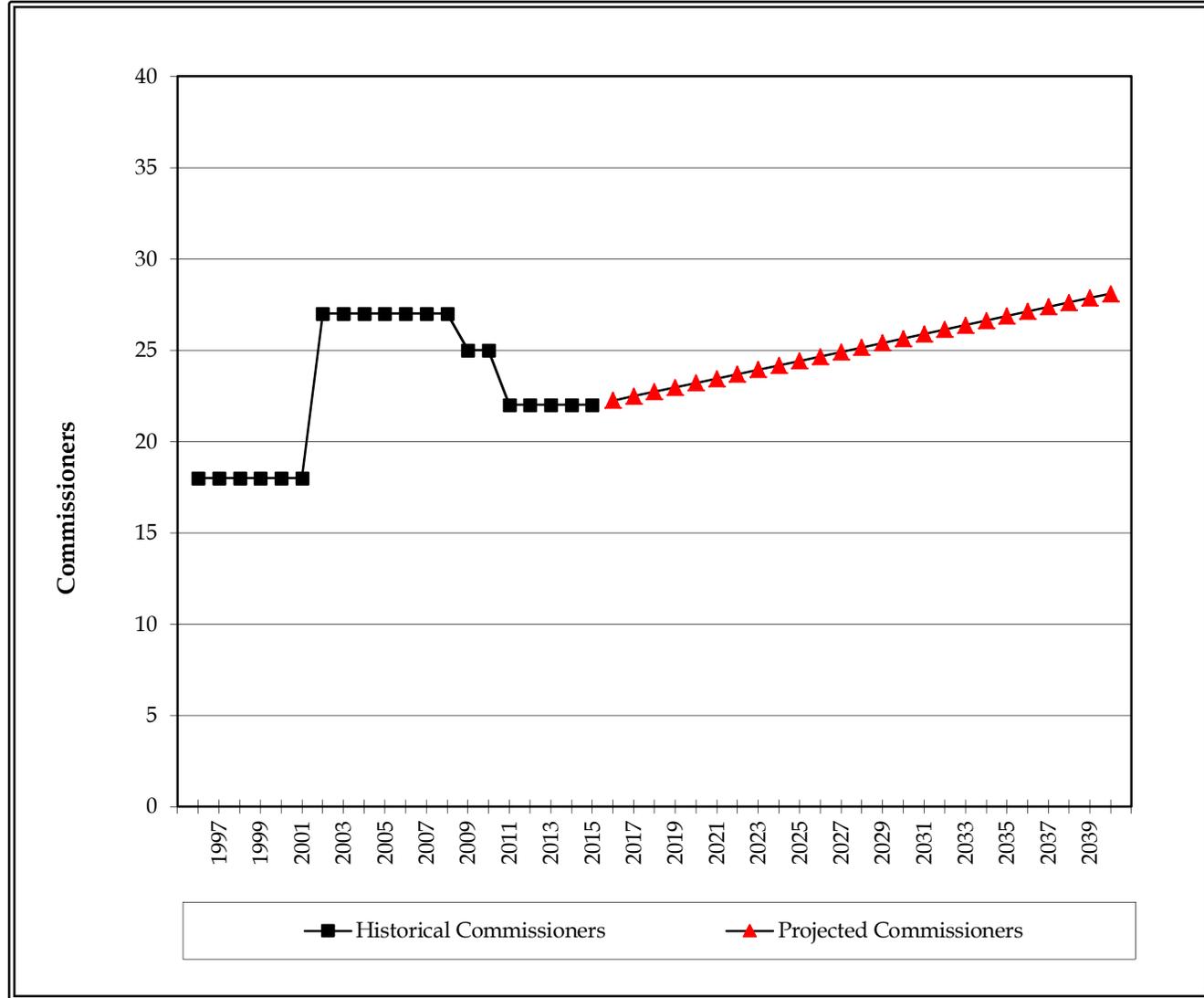
FORECAST MODELS	2020	2025	2030	2035	2040	
<b>5) COMMISSIONERS PER JUDGE</b>						
(A) Increasing Ratio	23.5	24.9	26.2	27.6	29.1	<=
= 0.004 /year from base: 0.47	0.49	0.51	0.53	0.55	0.57	
(B) Mean Deviation: Average to High Year	23.6	24.6	25.7	26.7	27.8	<=
= 0.0 /year from base: 0.47	0.49	0.51	0.53	0.55	0.58	
(C) 10-Year Average Ratio (2006-2015)	24.7	25.1	25.4	25.8	26.2	<=
= 0.51 commissioners per judge	0.51	0.51	0.51	0.51	0.51	
<b>6) FILINGS PER COMMISSIONER</b>						
(A) Average Ratio (1996-2015)	22.2	23.2	24.3	25.3	26.4	<=
= 6,612 filings per commissioner	6,612	6,612	6,612	6,612	6,612	
<b>RECOMMENDED FORECAST ==&gt;</b>						
<b>AVERAGE MODELS SHOWN WITH "&lt;="</b>	<b>23.2</b>	<b>24.4</b>	<b>25.6</b>	<b>26.9</b>	<b>28.1</b>	
<i>Commissioners per 10,000 Population:</i>	<i>0.24</i>	<i>0.25</i>	<i>0.26</i>	<i>0.27</i>	<i>0.28</i>	
<i>Commissioners per Judge:</i>	<i>0.48</i>	<i>0.50</i>	<i>0.52</i>	<i>0.53</i>	<i>0.55</i>	
<i>Filings per Commissioner:</i>	<i>6,334</i>	<i>6,296</i>	<i>6,261</i>	<i>6,228</i>	<i>6,207</i>	

Notes: (1) The increase in commissioners in 2002 may be slightly related to some special projects involving child support, domestic violence, bail proceedings, and a special magistrate position.

(2) According to the presiding Family Court Commissioners, the number of commissioners peaked at 14, then decreased to 8, prior to the current total of 10.

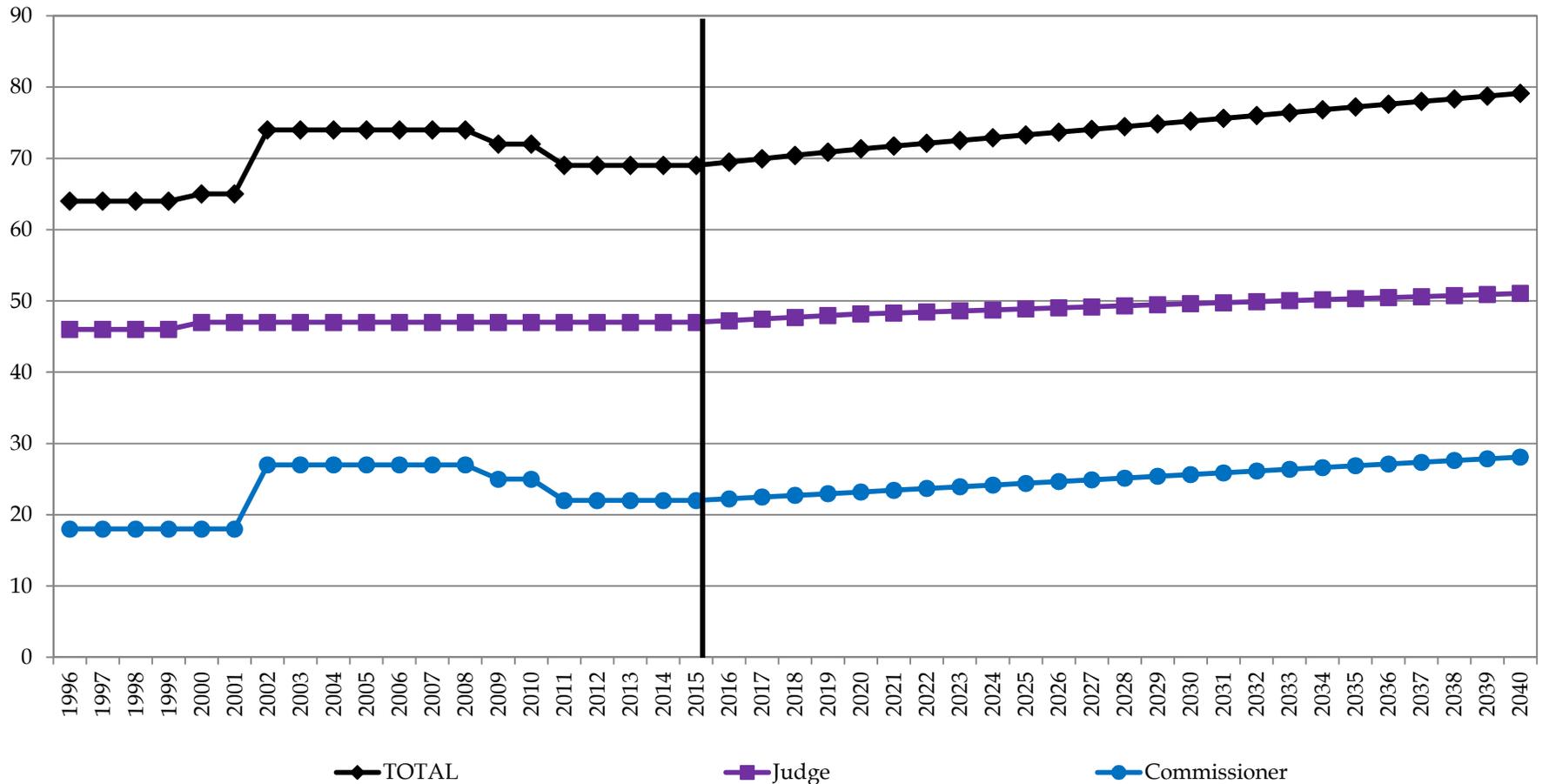
**Table B-26**  
**COMMISSIONER PROJECTIONS, 2020 - 2040**

HISTORICAL COMM.	
1996	18.0
1997	18.0
1998	18.0
1999	18.0
2000	18.0
2001	18.0
2002	27.0
2003	27.0
2004	27.0
2005	27.0
2006	27.0
2007	27.0
2008	27.0
2009	25.0
2010	25.0
2011	22.0
2012	22.0
2013	22.0
2014	22.0
2015	22.0
PROJECTED COMM.	
2020	23.2
2025	24.4
2030	25.6
2035	26.9
2040	28.1



**Table B-27  
HISTORICAL AND PROJECTED JUDICIAL OFFICERS, 1996 - 2040**

JUDICIAL OFFICERS	HISTORICAL JUDICIAL OFFICERS																				PROJECTED JUDICIAL OFFICERS				
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2020	2025	2030	2035	2040
Judge	46	46	46	46	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	48	49	50	50	51
Commissioner	18	18	18	18	18	18	27	27	27	27	27	27	27	25	25	22	22	22	22	22	23	24	26	27	28
<b>TOTAL</b>	<b>64</b>	<b>64</b>	<b>64</b>	<b>64</b>	<b>65</b>	<b>65</b>	<b>74</b>	<b>72</b>	<b>72</b>	<b>69</b>	<b>69</b>	<b>69</b>	<b>69</b>	<b>71</b>	<b>73</b>	<b>75</b>	<b>77</b>	<b>79</b>							

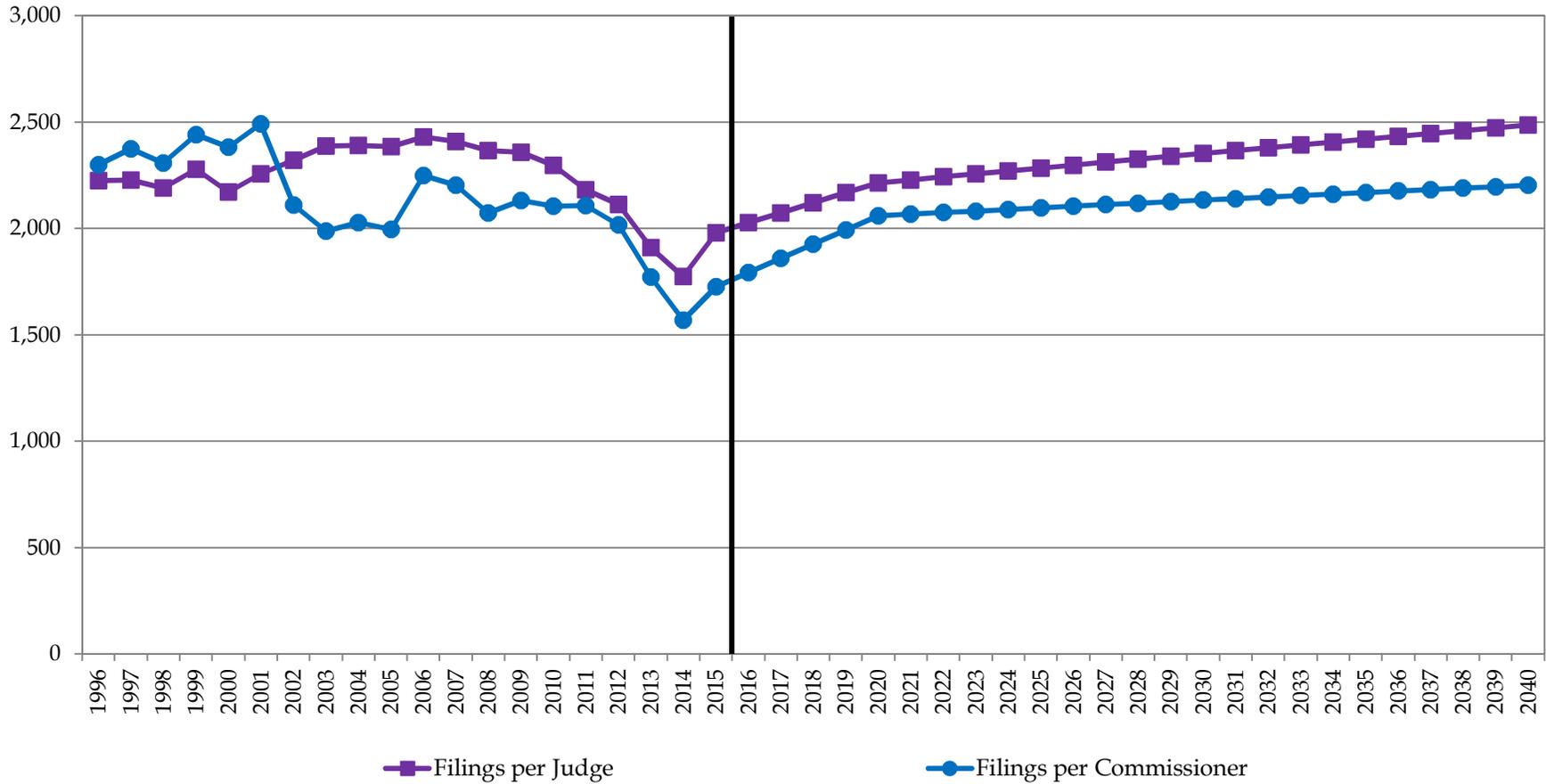


**Table B-28  
SUMMARY OF CIRCUIT COURT PROJECTIONS**

	HISTORICAL PERIOD																				PROJECTIONS				
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2020	2025	2030	2035	2040
<b>POPULATION</b>																									
Milwaukee County	950,969	945,453	942,430	940,529	940,164	939,305	939,854	939,513	936,914	932,540	930,263	931,453	934,752	942,668	947,735	950,019	952,303	954,587	956,870	959,154	970,573	981,993	993,412	1,004,831	1,016,250
<b>FILINGS</b>																									
<i>Civil</i>	47,968	48,993	47,573	48,246	47,260	49,975	48,439	49,787	54,243	56,799	62,740	66,889	67,155	67,903	65,397	61,093	59,805	53,270	48,346	54,437	58,403	61,113	63,850	66,613	69,405
<i>Criminal</i>	27,446	27,089	25,265	26,274	24,893	27,856	28,928	32,396	30,674	29,153	25,187	21,572	20,482	18,025	17,230	16,267	15,675	13,917	13,316	14,626	20,703	21,732	22,771	23,820	24,878
<i>Family</i>	11,750	11,235	12,764	13,289	14,614	14,749	16,811	14,778	12,534	11,983	11,393	9,966	9,272	11,046	11,113	11,142	11,307	10,668	10,753	12,655	13,313	13,670	14,031	14,394	14,760
<i>Children's</i>	9,245	8,968	8,806	10,924	9,573	8,384	8,447	8,109	7,306	6,652	6,587	6,521	5,728	5,147	4,636	4,734	4,024	4,297	4,376	4,430	6,497	6,911	7,329	7,751	8,177
<i>Probate</i>	5,948	6,171	6,366	6,039	5,739	5,053	6,400	7,145	7,527	7,475	8,250	8,199	8,532	8,718	9,572	9,283	8,429	7,580	6,621	6,921	7,746	8,228	8,714	9,205	9,702
<b>SUBTOTAL</b>	<b>102,357</b>	<b>102,456</b>	<b>100,774</b>	<b>104,772</b>	<b>102,079</b>	<b>106,017</b>	<b>109,025</b>	<b>112,215</b>	<b>112,284</b>	<b>112,062</b>	<b>114,157</b>	<b>113,147</b>	<b>111,169</b>	<b>110,839</b>	<b>107,948</b>	<b>102,519</b>	<b>99,240</b>	<b>89,732</b>	<b>83,412</b>	<b>93,069</b>	<b>106,662</b>	<b>111,654</b>	<b>116,694</b>	<b>121,783</b>	<b>126,922</b>
<i>Traffic</i>	44,759	49,512	46,921	51,353	52,767	55,887	47,081	34,770	37,670	35,655	52,197	49,847	42,142	42,562	43,596	42,852	39,972	32,429	24,882	25,942	40,277	42,045	43,828	45,628	47,443
<b>TOTAL</b>	<b>147,116</b>	<b>151,968</b>	<b>147,695</b>	<b>156,125</b>	<b>154,846</b>	<b>161,904</b>	<b>156,106</b>	<b>146,985</b>	<b>149,954</b>	<b>147,717</b>	<b>166,354</b>	<b>162,994</b>	<b>153,311</b>	<b>153,401</b>	<b>151,544</b>	<b>145,371</b>	<b>139,212</b>	<b>122,161</b>	<b>108,294</b>	<b>119,011</b>	<b>146,939</b>	<b>153,698</b>	<b>160,522</b>	<b>167,411</b>	<b>174,365</b>
<b>JUDICIAL OFFICERS</b>																									
<i>Judge</i>	46	46	46	46	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	48.2	48.9	49.6	50.3	51.0
<i>Commissioner</i>	18	18	18	18	18	18	27	27	27	27	27	27	27	25	25	22	22	22	22	22	23.2	24.4	25.6	26.9	28.1
<b>TOTAL</b>	<b>64</b>	<b>64</b>	<b>64</b>	<b>64</b>	<b>65</b>	<b>65</b>	<b>74</b>	<b>72</b>	<b>72</b>	<b>69</b>	<b>69</b>	<b>69</b>	<b>69</b>	<b>69</b>	<b>71.4</b>	<b>73.3</b>	<b>75.2</b>	<b>77.2</b>	<b>79.1</b>						
<b>POPULATION RATIO</b>																									
<i>Non-Traffic Filings</i>	108	108	107	111	109	113	116	119	120	120	123	121	119	118	114	108	104	94	87	97	110	114	117	121	125
<i>Traffic Filings</i>	47	52	50	55	56	59	50	37	40	38	56	54	45	45	46	45	42	34	26	27	41	43	44	45	47
<b>TOTAL FILINGS</b>	<b>155</b>	<b>161</b>	<b>157</b>	<b>166</b>	<b>165</b>	<b>172</b>	<b>166</b>	<b>156</b>	<b>160</b>	<b>158</b>	<b>179</b>	<b>175</b>	<b>164</b>	<b>163</b>	<b>160</b>	<b>153</b>	<b>146</b>	<b>128</b>	<b>113</b>	<b>124</b>	<b>151</b>	<b>157</b>	<b>162</b>	<b>167</b>	<b>172</b>
<i>Judge</i>	0.48	0.49	0.49	0.49	0.50	0.50	0.50	0.50	0.50	0.50	0.51	0.50	0.50	0.50	0.50	0.49	0.49	0.49	0.49	0.49	0.50	0.50	0.50	0.50	0.50
<i>Commissioner</i>	0.19	0.19	0.19	0.19	0.19	0.19	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.27	0.26	0.23	0.23	0.23	0.23	0.23	0.24	0.25	0.26	0.27	0.28
<b>JUDICIAL OFFICERS</b>	<b>0.67</b>	<b>0.68</b>	<b>0.68</b>	<b>0.68</b>	<b>0.69</b>	<b>0.69</b>	<b>0.79</b>	<b>0.79</b>	<b>0.79</b>	<b>0.79</b>	<b>0.80</b>	<b>0.79</b>	<b>0.79</b>	<b>0.76</b>	<b>0.76</b>	<b>0.73</b>	<b>0.72</b>	<b>0.72</b>	<b>0.72</b>	<b>0.72</b>	<b>0.74</b>	<b>0.75</b>	<b>0.76</b>	<b>0.77</b>	<b>0.78</b>
<b>FILING RATIO</b>																									
<i>Non-Traffic Filings / Judge</i>	2,225	2,227	2,191	2,278	2,172	2,256	2,320	2,388	2,389	2,384	2,429	2,407	2,365	2,358	2,297	2,181	2,111	1,909	1,775	1,980	2,214	2,284	2,352	2,420	2,486
<i>Total Filings / Judicial Officer</i>	2,299	2,375	2,308	2,439	2,382	2,491	2,110	1,986	2,026	1,996	2,248	2,203	2,072	2,131	2,105	2,107	2,018	1,770	1,569	1,725	2,059	2,097	2,133	2,168	2,203

**Table B-29  
HISTORICAL AND PROJECTED FILINGS PER JUDICIAL OFFICER, 1996 - 2040**

JUDICIAL OFFICERS	HISTORICAL FILINGS PER JUDICIAL OFFICER																				PROJECTED PER OFFICER				
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2020	2025	2030	2035	2040
Judge	2,225	2,227	2,191	2,278	2,172	2,256	2,320	2,388	2,389	2,384	2,429	2,407	2,365	2,358	2,297	2,181	2,111	1,909	1,775	1,980	2,214	2,284	2,352	2,420	2,486
Commissioner	2,299	2,375	2,308	2,439	2,382	2,491	2,110	1,986	2,026	1,996	2,248	2,203	2,072	2,131	2,105	2,107	2,018	1,770	1,569	1,725	2,059	2,097	2,133	2,168	2,203



**SECTION C: STAFF PROJECTIONS**

SECTION C: STAFF PROJECTIONS

SECTION C: STAFF PROJECTIONS

In a similar fashion to the judicial system analysis presented in Section B, a very methodologically-based approach was used to estimate future staff positions. Staff projections were developed for most of the court related components housed in the Historic Courthouse, Safety Building, and Juvenile Justice Center.

Projections were developed for the following agencies and components:

- Court Administration: Table C-3
- Child Support Services: Table C-5
- Circuit Clerk: Table C-7
- District Attorney: Table C-10
- Guardian ad Litem: Table C-13
- JusticePoint Pretrial Services: Table C-15
- Law Library: Table C-17
- Milwaukee Justice Center: Table C-19
- Restraining Order Clinic: Table C-21
- Sheriff's Office: Table C-23
- WCS Drug Testing: Table C-24
- WCS OWI Program: Table C-26

Projections were not developed for chamber-related staff such as court reporters, law clerks, or bailiffs as these positions are space planned based on individual chamber units.

Obtaining 20 years of historical staffing information proved to be a difficult task. It is desirable to have 20 years of historical data in order to project 25 years into the future. Ideally, a forecaster would like to have one year of historical data for each year projected forward.

Many agencies did not maintain that information, and the County budget documents were not organized in a manner to facilitate easy retrieval of data. But working in conjunction with County and Court staff, the Consultant was able to develop reliable historical information for nearly all of the components involved in the study.

With respect to the Sheriff's Office, historical staffing information for non-detention staff was unavailable prior to 2009. Due to the short data period, and because the available data revealed a downward trend in the number of staff, the Consultant believes that no meaningful forecast can be generated for the Sheriff's Office. However, the Consultant has estimated the future space needs of the Sheriff's Office to the year 2040 at 60,000 departmental gross square feet.

The Consultant developed and arrayed the staffing information, and reviewed the projections with each agency. All agencies believed the forecasts to be credible. Intuitively, some of these projections may be conservative, meaning tending towards the higher level. For space planning purposes, it is better to err slightly high, and provide a few more years of occupancy, than to estimate low, and exceed available space prematurely.

**SECTION C: STAFF PROJECTIONS**

Collectively, the court-related agencies of the Milwaukee County Court System have seen many ebbs and flows in staffing levels. A summary of historical staffing is shown on Tables C-1 and C-2.

From a starting point of 712 staff in 1995, staffing levels increased to 786 by 2015. However, the maximum growth demonstrated was from 1996 to 2002 when staff positions increased from 665 to 870, an increase of 205 positions. Since 2005, staffing levels have remained fairly constant at approximately 800.

From 1995 to 2015, total staff positions for the agencies forecasted increased by 74 (an average of approximately 4 positions per year). However, since 1996, the total increased by 121 (an average of 6 positions per year). The Consultant used a variety of forecasting models to predict future staffing levels. The models included time series/ trend analysis (funding reality), ratios to population, ratios to filings, ratios to judicial officers; and multiple regression.

Table C-28 shows a summary of staff projections. It is projected that the total number of positions could reach 972 by the year 2040. This translates to an increase of 186 positions, or approximately 7 positions per year. Approximately half of that increase (97 positions) would be within the District Attorney's Office and JusticePoint Pretrial Services. The District Attorney's Office is funded from a variety of sources, including Federal, State, County, and grants. JusticePoint Pretrial Services is a privately-funded agency that contracts with Milwaukee County.

Finally, as noted earlier, the staff projections are not intended to be prescriptive of need, or an indication of what should occur. These forecasts are a space planning tool meant to describe what is likely to occur in the future given past trends, and projections of relevant variables, such as county population and court filings.

**Table C-1  
SUMMARY OF HISTORICAL STAFFING, 1995 - 2015**

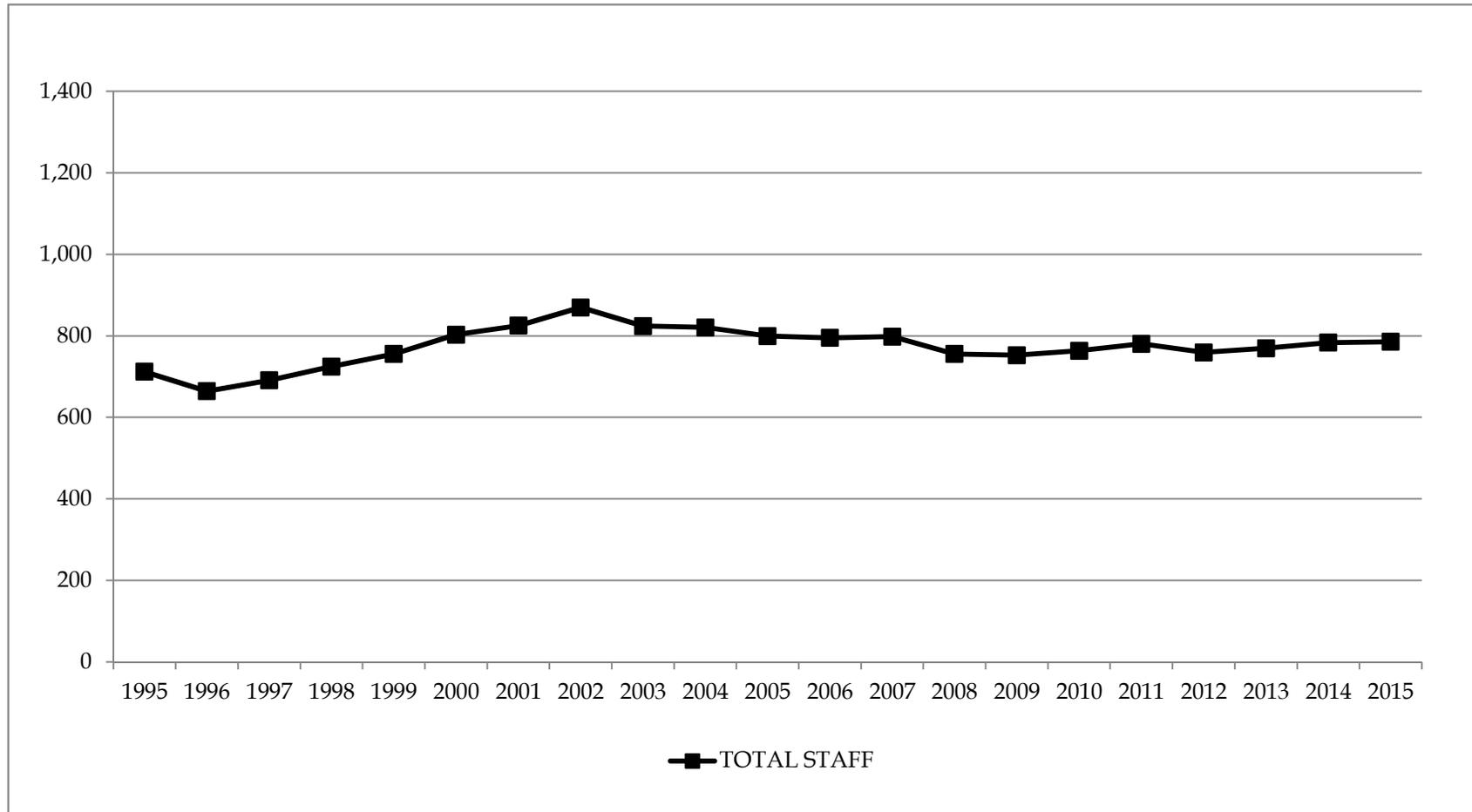
AGENCY	Fiscal Year																				
	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Court Administration	11	11	11	12	13	14	14	13	12	13	13	14	15	15	15	15	16	16	16	17	19
Child Support Services	132	125	131	173	194	200	205	219	204	207	191	194	191	139	131	134	151	138	141	150	145
Circuit Clerk	320	278	290	261	260	275	292	298	272	272	263	240	233	236	237	241	247	246	250	250	248
District Attorney	220	222	228	245	251	276	278	297	291	285	290	285	290	291	294	293	285	278	281	280	284
Guardian ad Litem	19	19	20	21	21	21	21	22	22	22	22	22	23	24	24	24	23	22	20	20	20
JusticePoint Pretrial Services	n/a	n/a	n/a	n/a	n/a	n/a	n/a	4	6	6	6	20	28	28	28	33	34	35	35	41	42
Law Library	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Milwaukee Justice Center	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	2	3	3	4	4	6	5	6
Restraining Order Clinic	5	5	5	5	5	5	5	5	5	5	5	8	8	8	8	8	8	8	8	8	8
Sheriff's Office	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	236	246	252	229	218	217	222
WCS Drug Testing	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
WCS OWI Program	n/a	n/a	1	3	7	7	5	7	7	6	5	7	5	8	8	8	8	8	8	8	8
<b>TOTAL</b>	<b>712</b>	<b>665</b>	<b>691</b>	<b>725</b>	<b>756</b>	<b>803</b>	<b>825</b>	<b>870</b>	<b>824</b>	<b>821</b>	<b>800</b>	<b>795</b>	<b>798</b>	<b>756</b>	<b>753</b>	<b>764</b>	<b>781</b>	<b>760</b>	<b>770</b>	<b>784</b>	<b>786</b>

Notes: (1) JusticePoint was first contracted by the County in 2002. (2) The Milwaukee Justice Center began operating in 2008. (3) The WCS OWI Program began in 1997.

(4) Historical staff data is not available for the Sheriff's Office from 1995-2008.

**Table C-2  
SUMMARY OF HISTORICAL STAFFING, 1995 - 2015**

AGENCY	Fiscal Year																				
	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>TOTAL STAFF</b>	712	665	691	725	756	803	825	870	824	821	800	795	798	756	753	764	781	760	770	784	786



Note: Historical staff data is not available for the Sheriff's Office from 1995-2008. Since the inclusion of partial data would falsely skew the graph, the Sheriff's Office has been excluded from the total shown above.

**Table C-3  
COURT ADMINISTRATION STAFF PROJECTIONS, 2020 - 2040**

COURT ADMIN.	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>Total Staff</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>14</b>	<b>13</b>	<b>12</b>	<b>13</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>17</b>	<b>19</b>
Milwaukee Co. Population	954,978	950,969	945,453	942,430	940,529	940,164	939,305	939,854	939,513	936,914	932,540	930,263	931,453	934,752	942,668	947,735	950,019	952,303	954,587	956,870	959,154
Staff per 10,000 Pop.	0.12	0.12	0.12	0.13	0.14	0.15	0.15	0.14	0.13	0.14	0.14	0.15	0.16	0.16	0.16	0.16	0.17	0.17	0.17	0.18	0.20
Total Non-Traffic Filings	105,070	102,357	102,456	100,774	104,772	102,079	106,017	109,025	112,215	112,284	112,062	114,157	113,147	111,169	110,839	107,948	102,519	99,240	89,732	83,412	93,069
Filings per Staff	9,552	9,305	9,314	8,398	8,059	7,291	7,573	8,387	9,351	8,637	8,620	8,154	7,543	7,411	7,389	7,197	6,407	6,203	5,608	4,907	4,898
Total Judicial Officers	64.0	64.0	64.0	64.0	64.0	65.0	65.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	72.0	72.0	69.0	69.0	69.0	69.0	69.0
Staff per Judicial Officer	0.17	0.17	0.17	0.19	0.20	0.22	0.22	0.18	0.16	0.18	0.18	0.19	0.20	0.20	0.21	0.21	0.23	0.23	0.23	0.25	0.28

HISTORICAL PERIOD: 1995-2015	% Change		# Change		1995-15 Avg.
	Period	Annual	Period	Annual	
Total Staff	72.7%	3.6%	8.0	0.40	14.0
Staff per 10,000 Population	72.0%	3.6%	0.08	0.004	0.15
Filings per Staff	-48.7%	-2.4%	-4,653.5	-232.7	7,629
Staff per Judicial Officer	60.2%	3.0%	0.10	0.005	0.20

PROJECTIONS OF RELEVANT VARIABLES	2020	2025	2030	2035	2040
	Milwaukee County Population	970,573	981,993	993,412	1,004,831
Total Non-Traffic Filings	106,662	111,654	116,694	121,783	126,922
Total Judicial Officers	71.4	73.3	75.2	77.2	79.1

FORECAST MODELS	2020	2025	2030	2035	2040	
<b>1) HISTORICAL TREND -- % CHANGE</b>						
= 3.6% /year from base: 19	22	26	29	33	36	<=
<b>2) HISTORICAL TREND -- # CHANGE</b>						
= 0.40 /year from base: 19	21	23	25	27	29	<=
<b>3) LINEAR REGRESSION</b>	19	20	22	23	25	<=
<b>4) POPULATION RATIO</b>						
(A) Increasing Ratio	21	24	26	28	31	<=
= 0.004 /year from base: 0.20	0.22	0.24	0.26	0.28	0.30	
(B) Linear Regression	19	21	23	25	27	<=
= Least Squares Analysis	0.20	0.21	0.23	0.25	0.26	
(C) Mean Deviation: Average to High Year	20	22	23	25	26	<=
= 0.002 /year from base: 0.20	0.21	0.22	0.23	0.25	0.26	
<b>5) FILINGS PER STAFF</b>						
(A) Current / Low Ratio	22	23	24	25	26	<=
= 4,898 filings per staff	4,898	4,898	4,898	4,898	4,898	

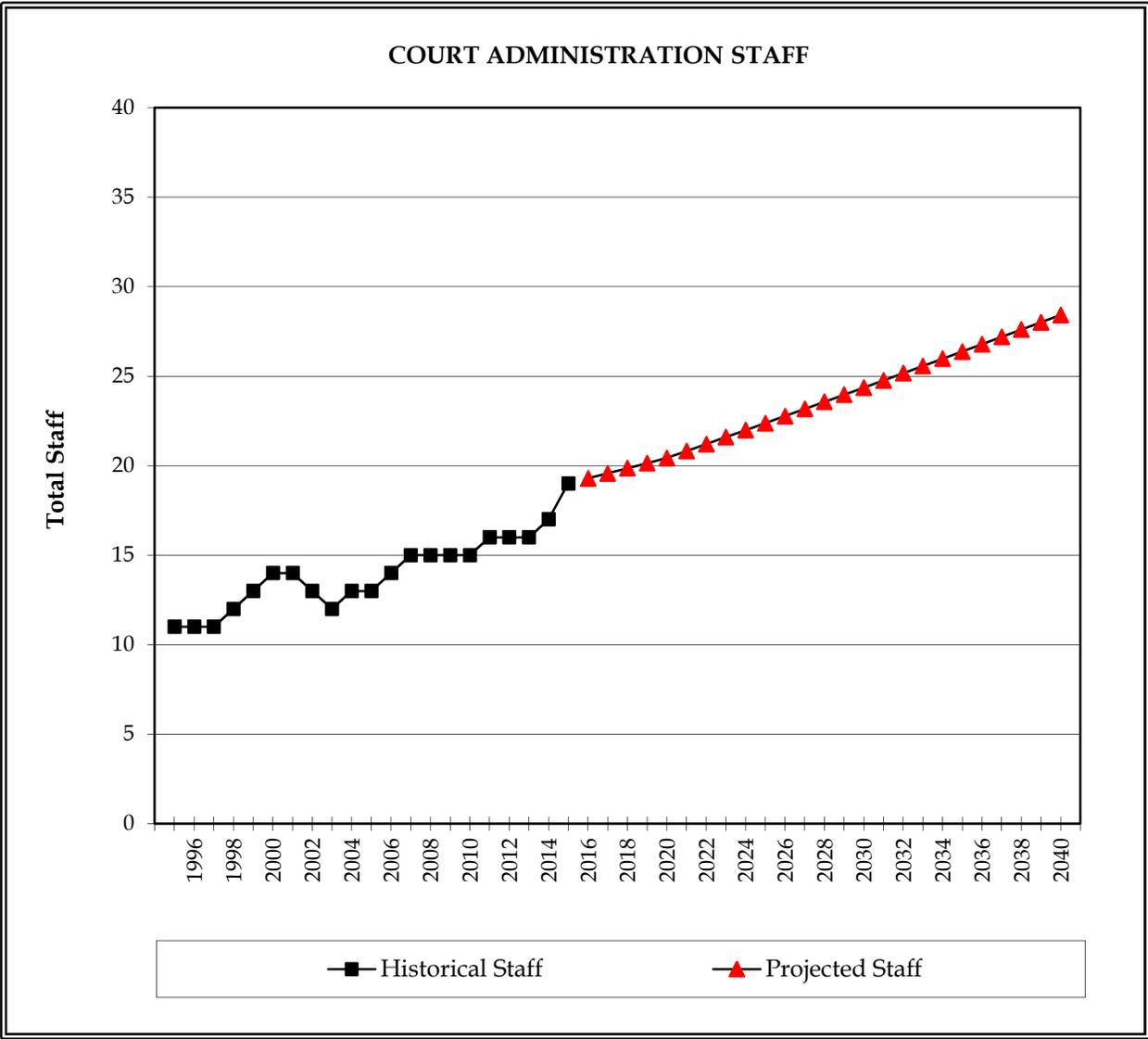
  

FORECAST MODELS	2020	2025	2030	2035	2040	
<b>6) STAFF PER JUDICIAL OFFICER</b>						
(A) Increasing Ratio	21	24	27	29	32	<=
= 0.005 /year from base: 0.28	0.30	0.33	0.35	0.38	0.40	
(B) Linear Regression	18	20	22	24	26	<=
= Least Squares Analysis	0.26	0.27	0.29	0.31	0.33	
(C) Mean Deviation: Average to High Year	21	23	25	27	29	<=
= 0.003 /year from base: 0.28	0.29	0.31	0.33	0.34	0.36	
<b>7) MULTIPLE REGRESSION</b>						
Variables: Time, Population						
= R-Square: 0.862	19	21	23	24	26	<=
<b>RECOMMENDED FORECAST ==&gt;</b>						
<b>AVERAGE MODELS SHOWN WITH "&lt;="</b>	<b>20</b>	<b>22</b>	<b>24</b>	<b>26</b>	<b>28</b>	
Staff per 10,000 Population:	0.21	0.23	0.25	0.26	0.28	
Filings per Staff:	5,223	4,991	4,791	4,618	4,466	
Staff per Judicial Officer:	0.29	0.31	0.32	0.34	0.36	

Note: Two new staff positions were created in 2015 (Delinquency Court Coordinator and Safe Baby Court Coordinator).

**Table C-4  
COURT ADMINISTRATION STAFF PROJECTIONS, 2020 - 2040**

HISTORICAL STAFF	
1995	11
1996	11
1997	11
1998	12
1999	13
2000	14
2001	14
2002	13
2003	12
2004	13
2005	13
2006	14
2007	15
2008	15
2009	15
2010	15
2011	16
2012	16
2013	16
2014	17
2015	19
PROJECTED STAFF	
2020	20
2025	22
2030	24
2035	26
2040	28



**Table C-5  
CHILD SUPPORT SERVICES STAFF PROJECTIONS, 2020 - 2040**

CHILD SUPPORT SERV.	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>Total Staff</b>	<b>132</b>	<b>125</b>	<b>131</b>	<b>173</b>	<b>194</b>	<b>200</b>	<b>205</b>	<b>219</b>	<b>204</b>	<b>207</b>	<b>191</b>	<b>194</b>	<b>191</b>	<b>139</b>	<b>131</b>	<b>134</b>	<b>151</b>	<b>138</b>	<b>141</b>	<b>150</b>	<b>145</b>
Milwaukee Co. Population	954,978	950,969	945,453	942,430	940,529	940,164	939,305	939,854	939,513	936,914	932,540	930,263	931,453	934,752	942,668	947,735	950,019	952,303	954,587	956,870	959,154
Staff per 10,000 Pop.	1.38	1.31	1.39	1.84	2.06	2.13	2.18	2.33	2.17	2.21	2.05	2.09	2.05	1.49	1.39	1.41	1.59	1.45	1.48	1.57	1.51
Family Filings	15,283	11,750	11,235	12,764	13,289	14,614	14,749	16,811	14,778	12,534	11,983	11,393	9,966	9,272	11,046	11,113	11,142	11,307	10,668	10,753	12,655
Filings per Staff	116	94	86	74	69	73	72	77	72	61	63	59	52	67	84	83	74	82	76	72	87
Total Judicial Officers	64.0	64.0	64.0	64.0	64.0	65.0	65.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	72.0	72.0	69.0	69.0	69.0	69.0	69.0
Staff per Judicial Officer	2.1	2.0	2.0	2.7	3.0	3.1	3.2	3.0	2.8	2.8	2.6	2.6	2.6	1.9	1.8	1.9	2.2	2.0	2.0	2.2	2.1

HISTORICAL PERIOD: 1995-2015	% Change		# Change		1995-15 Avg.	
	Period	Annual	Period	Annual		
Total Staff		9.8%	0.5%	13.0	0.65	166.4
Staff per 10,000 Population		9.4%	0.5%	0.13	0.01	1.77
Filings per Staff		-24.6%	-1.2%	-28.5	-1.4	76
Staff per Judicial Officer		1.9%	0.1%	0.04	0.002	2.4

PROJECTIONS OF RELEVANT VARIABLES					
	2020	2025	2030	2035	2040
Milwaukee County Population	970,573	981,993	993,412	1,004,831	1,016,250
Family Filings	13,313	13,670	14,031	14,394	14,760
Total Judicial Officers	71.4	73.3	75.2	77.2	79.1

FORECAST MODELS	2020	2025	2030	2035	2040	
<b>1) MODIFIED HISTORICAL % CHANGE</b>						
= 1995-1997 to 2013-2015						
= 0.6% /year from base: 145	149	154	158	163	167	<=
<b>2) MODIFIED HISTORICAL # CHANGE</b>						
= 1995-1997 to 2013-2015						
= 0.80 /year from base: 145	149	153	157	161	165	<=
<b>3) LINEAR REGRESSION</b>	147	141	135	129	122	
<b>4) POPULATION RATIO</b>						
(A) Modified Increasing Ratio						
= Avg. 1995-1997 to Avg. 2013-2015	151	156	162	168	174	<=
= 0.008 /year from base: 1.51	1.55	1.59	1.63	1.67	1.71	
<b>5) FILINGS PER STAFF</b>						
(A) Recent Average Ratio (2008-2015)	171	175	180	184	189	<=
= 78 filings per staff	78	78	78	78	78	
(B) Current Ratio	153	157	161	165	169	<=
= 87 filings per staff	87	87	87	87	87	

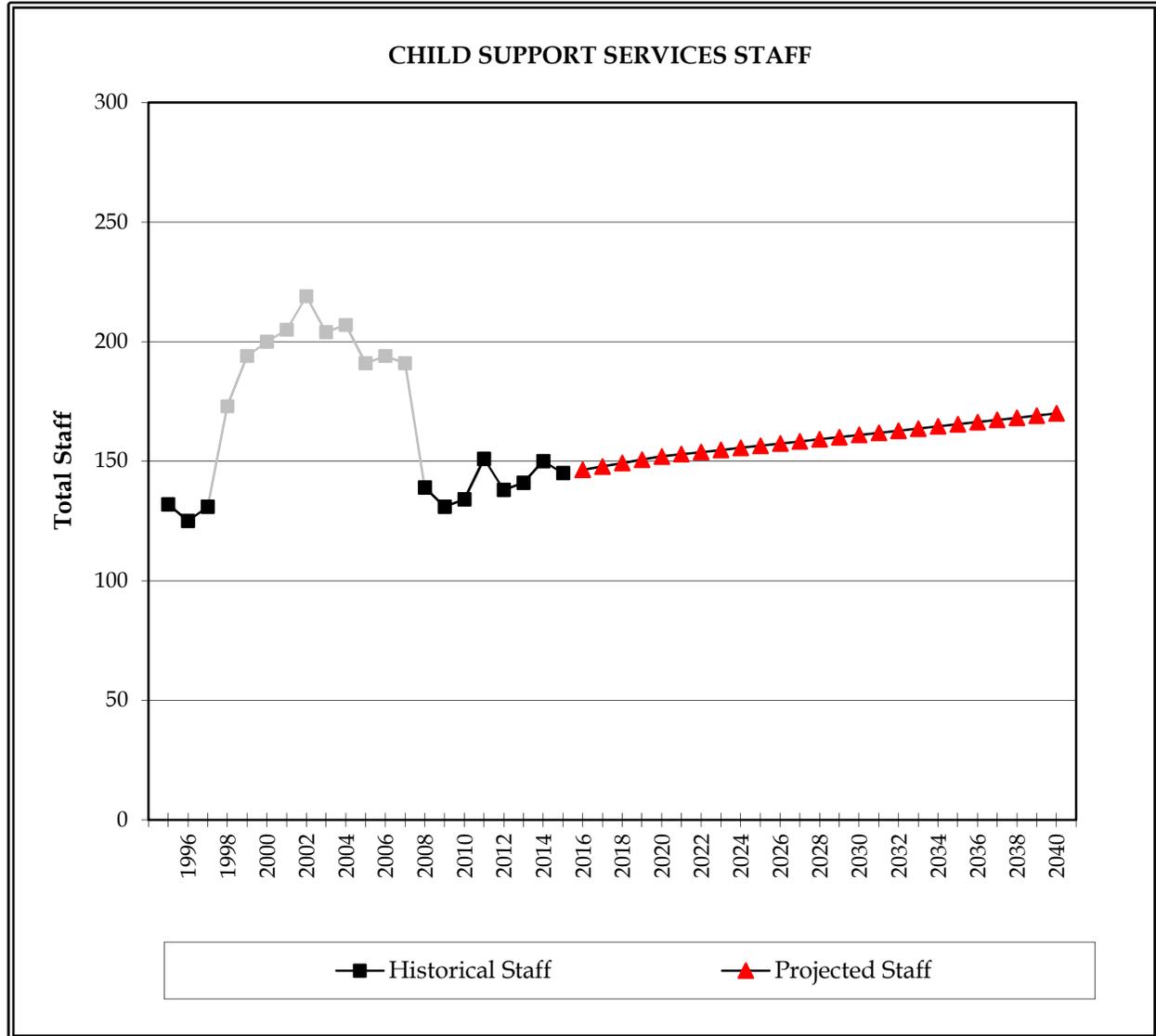
  

FORECAST MODELS	2020	2025	2030	2035	2040	
<b>6) STAFF PER JUDICIAL OFFICER</b>						
(A) Increasing Ratio	151	155	160	165	170	<=
= 0.002 /year from base: 2.1	2.1	2.1	2.1	2.1	2.2	
(B) Recent Average Ratio (2008-2015)	143	147	151	155	159	<=
= 2.0 staff per judicial officer	2.0	2.0	2.0	2.0	2.0	
(C) Current Ratio	150	154	158	162	166	<=
= 2.1 staff per judicial officer	2.1	2.1	2.1	2.1	2.1	
<b>RECOMMENDED FORECAST ==&gt;</b>						
<b>AVERAGE MODELS SHOWN WITH "&lt;="</b>	<b>152</b>	<b>156</b>	<b>161</b>	<b>165</b>	<b>170</b>	
Staff per 10,000 Population:	1.57	1.59	1.62	1.65	1.67	
Filings per Staff:	88	87	87	87	87	
Staff per Judicial Officer:	2.1	2.1	2.1	2.1	2.1	

Notes: (1) This department operates the State of Wisconsin's child support program for Milwaukee County, and is State funded. (2) In 1998, Finance division staff from the Clerk's Office were reclassified to this department. (3) In 1999, the County added additional staff to improve the department's performance. (4) The change in staff between 2001-2003 resulted from a new program which only lasted one year. (5) The Federal funding match initiative ended in 2008, which led to a decrease in the number of staff. (6) Fluctuations in staff between 2010-2012 are due to changes in funding within the County budget. (7) In 2015, the Customer Service Division of this department was outsourced to a private agency.

**Table C-6  
CHILD SUPPORT SERVICES STAFF PROJECTIONS, 2020 - 2040**

HISTORICAL STAFF	
1995	132
1996	125
1997	131
1998	173
1999	194
2000	200
2001	205
2002	219
2003	204
2004	207
2005	191
2006	194
2007	191
2008	139
2009	131
2010	134
2011	151
2012	138
2013	141
2014	150
2015	145
PROJECTED STAFF	
2020	152
2025	156
2030	161
2035	165
2040	170



Note: For reasons listed in the footnotes on Table C-5, data from 1998-2007 is considered inappropriate to use for forecasting purposes.

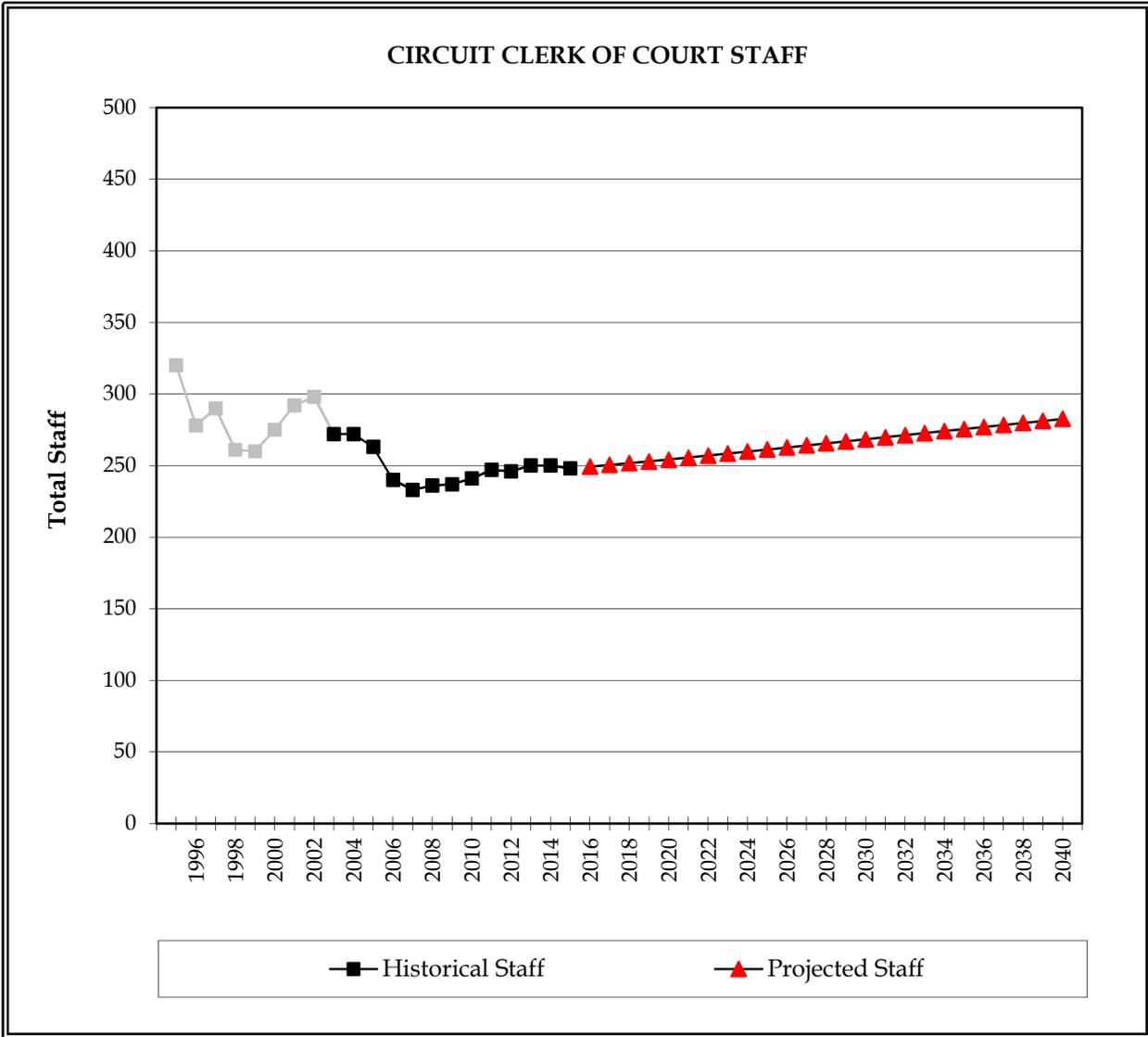
**Table C-7  
CIRCUIT CLERK OF COURT STAFF PROJECTIONS, 2020 - 2040**

CIRCUIT CLERK	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	
<b>Total Staff</b>	<b>320</b>	<b>278</b>	<b>290</b>	<b>261</b>	<b>260</b>	<b>275</b>	<b>292</b>	<b>298</b>	<b>272</b>	<b>272</b>	<b>263</b>	<b>240</b>	<b>233</b>	<b>236</b>	<b>237</b>	<b>241</b>	<b>247</b>	<b>246</b>	<b>250</b>	<b>250</b>	<b>248</b>	
Milwaukee Co. Population	954,978	950,969	945,453	942,430	940,529	940,164	939,305	939,854	939,513	936,914	932,540	930,263	931,453	934,752	942,668	947,735	950,019	952,303	954,587	956,870	959,154	
Staff per 10,000 Pop.	3.35	2.92	3.07	2.77	2.76	2.93	3.11	3.17	2.90	2.90	2.82	2.58	2.50	2.52	2.51	2.54	2.60	2.58	2.62	2.61	2.59	
Total Non-Traffic Filings	105,070	102,357	102,456	100,774	104,772	102,079	106,017	109,025	112,215	112,284	112,062	114,157	113,147	111,169	110,839	107,948	102,519	99,240	89,732	83,412	93,069	
Filings per Staff	328	368	353	386	403	371	363	366	413	413	426	476	486	471	468	448	415	403	359	334	375	
Total Judicial Officers	64.0	64.0	64.0	64.0	64.0	65.0	65.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	72.0	72.0	69.0	69.0	69.0	69.0	69.0	
Staff per Judicial Officer	5.0	4.3	4.5	4.1	4.1	4.2	4.5	4.0	3.7	3.7	3.6	3.2	3.1	3.2	3.3	3.3	3.6	3.6	3.6	3.6	3.6	
<b>HISTORICAL PERIOD:</b>		<b>% Change</b>		<b># Change</b>		<b>2006-15</b>		<b>PROJECTIONS OF RELEVANT VARIABLES</b>						<b>2020</b>	<b>2025</b>	<b>2030</b>	<b>2035</b>	<b>2040</b>				
<b>2006-2015</b>		<b>Period</b>	<b>Annual</b>	<b>Period</b>	<b>Annual</b>	<b>Avg.</b>																
Total Staff		3.3%	0.4%	8.0	0.89	242.8		Milwaukee County Population						970,573	981,993	993,412	1,004,831	1,016,250				
Staff per 10,000 Population		0.2%	0.0%	0.01	0.00	2.57		Total Non-Traffic Filings						106,662	111,654	116,694	121,783	126,922				
Filings per Staff		-21.1%	-2.3%	-100.4	-11.2	423		Total Judicial Officers						71.4	73.3	75.2	77.2	79.1				
Staff per Judicial Officer		10.8%	1.2%	0.4	0.039	3.4																
<b>FORECAST MODELS</b>		<b>2020</b>	<b>2025</b>	<b>2030</b>	<b>2035</b>	<b>2040</b>	<b>FORECAST MODELS</b>						<b>2020</b>	<b>2025</b>	<b>2030</b>	<b>2035</b>	<b>2040</b>					
<b>1) HISTORICAL TREND -- % CHANGE</b>							<b>(B) Mean Deviation: Average to High Year</b>						254	259	265	270	276	<b>&lt;=</b>				
= 0.4% /year from base: 248		253	257	262	266	271	= 0.005 /year from base: 2.59						2.61	2.64	2.66	2.69	2.72					
<b>2) HISTORICAL TREND -- # CHANGE</b>							<b>7) FILINGS PER STAFF</b>															
= 0.89 /year from base: 248		252	257	261	266	270	<b>(A) Average Ratio</b>						252	264	276	288	300	<b>&lt;=</b>				
							= 423 filings per staff						423	423	423	423	423					
<b>3) MODIFIED HISTORICAL % CHANGE</b>							<b>8) STAFF PER JUDICIAL OFFICER</b>															
= 2006-2007 to 2014-2015							<b>(A) Average Ratio (2006-2015)</b>						244	251	257	264	271	<b>&lt;=</b>				
= 0.6% /year from base: 248		255	263	270	277	284	= 3.4 staff per judicial officer						3.4	3.4	3.4	3.4	3.4					
<b>4) MODIFIED HISTORICAL # CHANGE</b>							<b>(B) High Ratio</b>						259	266	273	280	287	<b>&lt;=</b>				
= 2006-2007 to 2014-2015							= 3.6 staff per judicial officer						3.6	3.6	3.6	3.6	3.6					
= 1.39 /year from base: 248		255	262	269	276	283																
<b>5) LINEAR REGRESSION</b>		260	269	278	286	295	<b>RECOMMENDED FORECAST ==&gt;</b>															
<b>6) POPULATION RATIO</b>							<b>AVERAGE MODELS SHOWN WITH "&lt;="</b>						254	261	268	275	283					
<b>(A) Linear Regression</b>		258	266	273	281	289																
= Least Squares Analysis		2.66	2.70	2.75	2.80	2.85	<b>Staff per 10,000 Population:</b>						2.62	2.66	2.70	2.74	2.78					
							<b>Filings per Staff:</b>						420	428	435	442	449					
							<b>Staff per Judicial Officer:</b>						3.6	3.6	3.6	3.6	3.6					

Note: Historical staff data for the Clerk's Office is not available from 1995-2008; therefore, Milwaukee County Adopted BRASS Reports have been used to extrapolate the number of Clerk staff. Staff totals have been derived using the following formula: Total Combined Court Operations Staff - number of Court Administration staff - number of Court Commissioners = Total Clerk's Office Staff.

**Table C-8  
CIRCUIT CLERK OF COURT STAFF PROJECTIONS, 2020 - 2040**

HISTORICAL STAFF	
1995	320
1996	278
1997	290
1998	261
1999	260
2000	275
2001	292
2002	298
2003	272
2004	272
2005	263
2006	240
2007	233
2008	236
2009	237
2010	241
2011	247
2012	246
2013	250
2014	250
2015	248
PROJECTED STAFF	
2020	254
2025	261
2030	268
2035	275
2040	283



**Table C-9  
CIRCUIT CLERK OF COURT PROJECTED STAFF DISTRIBUTION**

LOCATION OF STAFF	2015 Staff		Projected Staff		
	Number	Percent	2020	2030	2040
<b>HISTORIC COURTHOUSE</b>					
Administration / Financial	15	6%	15	16	17
Civil / Family Division	73	30%	75	79	84
<i>Main Office:</i>	40	16%	41	43	46
<i>Deputy Court Clerk / Judicial Assistant:</i>	33	13%	34	36	38
Family Court IV-D / Mediation	15	6%	15	16	17
Probate Division	20	8%	21	22	23
<i>Main Office:</i>	17	7%	17	18	19
<i>Deputy Court Clerk / Judicial Assistant:</i>	3	1%	3	3	3
Judicial Information Systems	2	1%	2	2	2
Jury Management	6	2%	6	7	7
<b>SAFETY BUILDING</b>					
Criminal Division	82	33%	84	89	94
<i>Main Office:</i>	43	17%	44	47	49
<i>Deputy Court Clerk / Judicial Assistant:</i>	39	16%	40	42	45
<b>JUVENILE JUSTICE CENTER</b>					
Children's Division	34	14%	35	37	39
<i>Main Office:</i>	21	9%	22	23	24
<i>Deputy Court Clerk / Judicial Assistant:</i>	13	5%	13	14	15
<b>TOTAL</b>	<b>247</b>	<b>100%</b>	<b>254</b>	<b>268</b>	<b>283</b>

**Table C-10  
DISTRICT ATTORNEY STAFF PROJECTIONS, 2020 - 2040**

DISTRICT ATTORNEY	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>Total Staff</b>	<b>220</b>	<b>222</b>	<b>228</b>	<b>245</b>	<b>251</b>	<b>276</b>	<b>278</b>	<b>297</b>	<b>291</b>	<b>285</b>	<b>290</b>	<b>285</b>	<b>290</b>	<b>291</b>	<b>294</b>	<b>293</b>	<b>285</b>	<b>278</b>	<b>281</b>	<b>280</b>	<b>284</b>
Milwaukee Co. Population	954,978	950,969	945,453	942,430	940,529	940,164	939,305	939,854	939,513	936,914	932,540	930,263	931,453	934,752	942,668	947,735	950,019	952,303	954,587	956,870	959,154
Staff per 10,000 Pop.	2.30	2.33	2.41	2.59	2.66	2.94	2.96	3.15	3.10	3.04	3.10	3.06	3.11	3.11	3.11	3.09	2.99	2.91	2.94	2.92	2.96
Crim. & Children's Filings	35,276	36,691	36,057	34,071	37,198	34,466	36,240	37,375	40,505	37,980	35,805	31,774	28,093	26,210	23,172	21,866	21,001	19,699	18,214	17,692	19,056
Filings per Staff	160	166	158	139	148	125	130	126	139	133	124	111	97	90	79	75	74	71	65	63	67
Total Judicial Officers	64.0	64.0	64.0	64.0	64.0	65.0	65.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	72.0	72.0	69.0	69.0	69.0	69.0	69.0
Staff per Judicial Officer	3.4	3.5	3.6	3.8	3.9	4.2	4.3	4.0	3.9	3.8	3.9	3.9	3.9	3.9	4.1	4.1	4.1	4.0	4.1	4.1	4.1

HISTORICAL PERIOD: 1995-2015	% Change		# Change		1995-15 Avg.
	Period	Annual	Period	Annual	
Total Staff	28.9%	1.4%	63.5	3.18	273.2
Staff per 10,000 Population	28.3%	1.4%	0.65	0.03	2.90
Filings per Staff	-58.1%	-2.9%	-93.1	-4.7	112
Staff per Judicial Officer	19.5%	1.0%	0.7	0.034	3.9

PROJECTIONS OF RELEVANT VARIABLES	2020	2025	2030	2035	2040
	Milwaukee County Population	970,573	981,993	993,412	1,004,831
Criminal & Children's Filings	27,200	28,643	30,100	31,570	33,055
Total Judicial Officers	71.4	73.3	75.2	77.2	79.1

FORECAST MODELS	2020	2025	2030	2035	2040	
<b>1) MODIFIED HISTORICAL % CHANGE</b>						
= 1995-1998 to 2012-2015						
= 1.1% /year from base: 284	300	316	332	348	364	<=
<b>2) MODIFIED HISTORICAL # CHANGE</b>						
= 1995-1998 to 2012-2015						
= 2.59 /year from base: 284	296	309	322	335	348	<=
<b>3) LINEAR REGRESSION</b>	315	329	343	356	370	<=
<b>4) POPULATION RATIO</b>						
(A) Modified Increasing Ratio						
= Avg. 1995-1998 to Avg. 2012-2015	300	316	333	350	367	<=
= 0.03 /year from base: 2.96	3.09	3.22	3.35	3.48	3.61	
(B) Mean Deviation: Average to High Year	293	302	312	322	332	<=
= 0.01 /year from base: 2.96	3.02	3.08	3.14	3.20	3.26	
(C) High Ratio	306	310	313	317	321	<=
= 3.15 staff per 10,000 population	3.15	3.15	3.15	3.15	3.15	

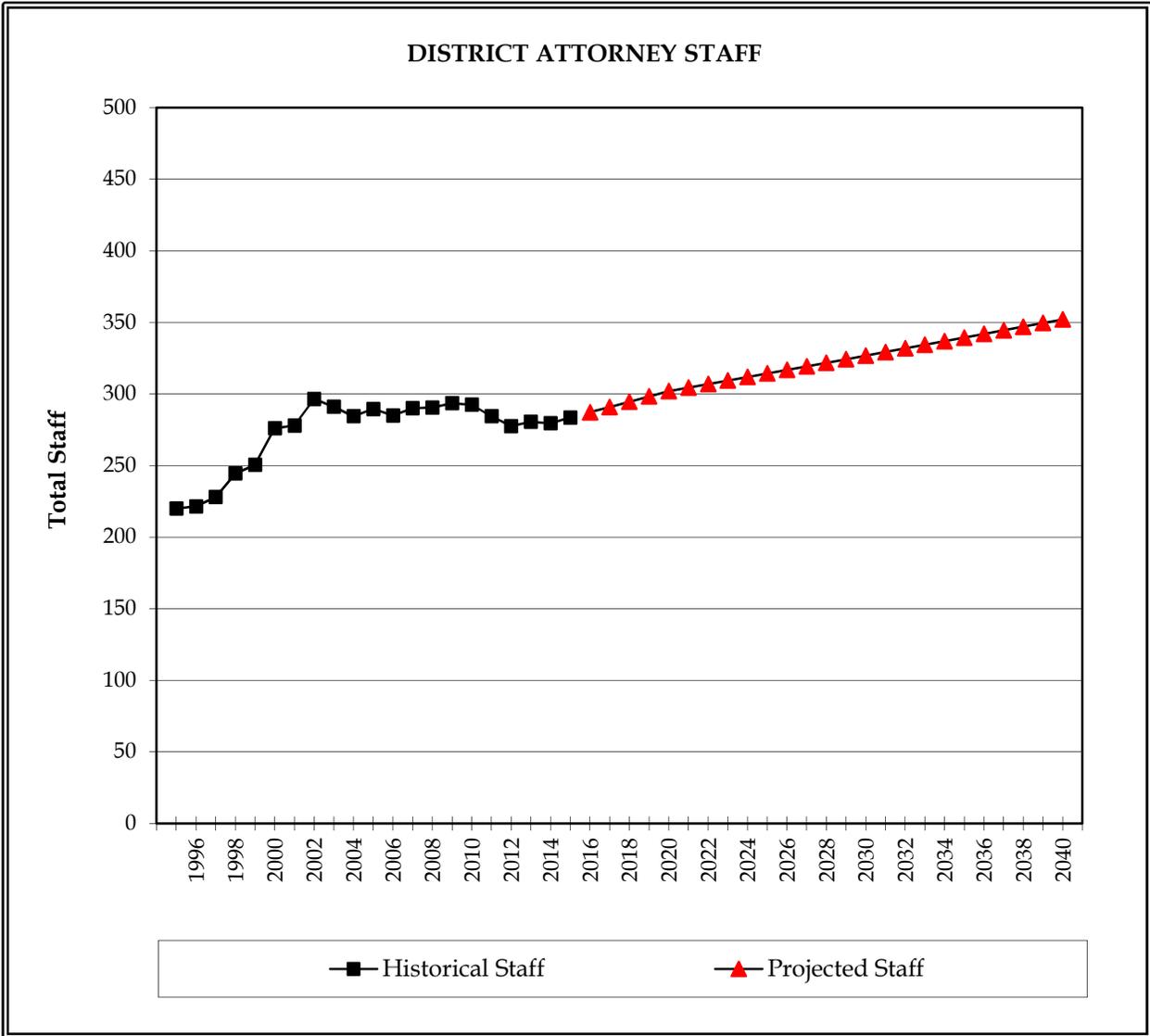
  

FORECAST MODELS	2020	2025	2030	2035	2040	
<b>5) STAFF PER JUDICIAL OFFICER</b>						
(A) Linear Regression	304	320	337	354	372	<=
= Least Squares Analysis	4.3	4.4	4.5	4.6	4.7	
(B) Mean Deviation: Average to High Year	299	313	328	342	357	<=
= 0.02 /year from base: 4.1	4.2	4.3	4.4	4.4	4.5	
(C) High Ratio	305	313	322	330	338	<=
= 4.3 staff per judicial officer	4.3	4.3	4.3	4.3	4.3	
<b>RECOMMENDED FORECAST ==&gt;</b>						
<b>AVERAGE MODELS SHOWN WITH "&lt;="</b>	<b>302</b>	<b>314</b>	<b>327</b>	<b>339</b>	<b>352</b>	
<i>Staff per 10,000 Population:</i>	<i>3.11</i>	<i>3.20</i>	<i>3.29</i>	<i>3.38</i>	<i>3.46</i>	
<i>Filings per Staff:</i>	<i>90</i>	<i>91</i>	<i>92</i>	<i>93</i>	<i>94</i>	
<i>Staff per Judicial Officer:</i>	<i>4.2</i>	<i>4.3</i>	<i>4.3</i>	<i>4.4</i>	<i>4.4</i>	

Note: Fluctuations in the number of staff are primarily due to changes in the availability of grant funding.

**Table C-11  
DISTRICT ATTORNEY STAFF PROJECTIONS, 2020 - 2040**

HISTORICAL STAFF	
1995	220
1996	222
1997	228
1998	245
1999	251
2000	276
2001	278
2002	297
2003	291
2004	285
2005	290
2006	285
2007	290
2008	291
2009	294
2010	293
2011	285
2012	278
2013	281
2014	280
2015	284
PROJECTED STAFF	
2020	302
2025	314
2030	327
2035	339
2040	352



**Table C-12  
DISTRICT ATTORNEY STAFF DISTRIBUTION BY LOCATION**

LOCATION OF STAFF	2015 Staff		Projected Staff		
	Number	Percent	2020	2030	2040
<b>HISTORIC COURTHOUSE</b>	0	0%	0	0	0
<b>SAFETY BUILDING</b>					
Attorneys:	71	25%	75	82	88
Support Staff:	103	36%	110	119	128
TOTAL:	174	61%	185	200	216
<b>JUVENILE JUSTICE CENTER</b>					
Attorneys:	34	12%	36	39	42
Support Staff:	26	9%	28	30	32
TOTAL:	60	21%	64	69	74
<b>CRIMINAL JUSTICE FACILITY</b>					
Attorneys:	16	6%	17	18	20
Support Staff:	25	9%	27	29	31
TOTAL:	41	14%	44	47	51
<b>SATELLITE POLICE DEPARTMENTS</b>					
Attorneys:	9	3%	10	10	11
Support Staff:	0	0%	0	0	0
TOTAL:	9	3%	10	10	11
<b>TOTAL</b>	<b>284</b>	<b>100%</b>	<b>302</b>	<b>327</b>	<b>352</b>
Attorneys:	130	46%	138	150	161
Support Staff:	154	54%	164	177	191
TOTAL:	284	100%	302	327	352

**Table C-13  
GUARDIAN AD LITEM STAFF PROJECTIONS, 2020 - 2040**

GUARDIAN AD LITEM	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>Total Staff</b>	<b>19</b>	<b>19</b>	<b>20</b>	<b>21</b>	<b>21</b>	<b>21</b>	<b>21</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>23</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>23</b>	<b>22</b>	<b>20</b>	<b>20</b>	<b>20</b>
Milwaukee Co. Population	954,978	950,969	945,453	942,430	940,529	940,164	939,305	939,854	939,513	936,914	932,540	930,263	931,453	934,752	942,668	947,735	950,019	952,303	954,587	956,870	959,154
Staff per 10,000 Pop.	0.20	0.20	0.21	0.22	0.22	0.22	0.22	0.23	0.23	0.23	0.24	0.24	0.25	0.26	0.25	0.25	0.24	0.23	0.21	0.21	0.21
Children's Filings	10,014	9,245	8,968	8,806	10,924	9,573	8,384	8,447	8,109	7,306	6,652	6,587	6,521	5,728	5,147	4,636	4,734	4,024	4,297	4,376	4,430
Filings per Staff	527	487	448	419	520	456	399	384	369	332	302	299	284	239	214	193	206	183	215	219	221
Total Judicial Officers	64.0	64.0	64.0	64.0	64.0	65.0	65.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	72.0	72.0	69.0	69.0	69.0	69.0	69.0
Staff per Judicial Officer	0.30	0.30	0.31	0.33	0.33	0.32	0.32	0.30	0.30	0.30	0.30	0.30	0.31	0.32	0.33	0.33	0.33	0.32	0.29	0.29	0.29

HISTORICAL PERIOD: 1995-2015	% Change		# Change		1995-15 Avg.
	Period	Annual	Period	Annual	
Total Staff	5.3%	0.3%	1.0	0.05	21.5
Staff per 10,000 Population	4.8%	0.2%	0.01	0.0005	0.23
Filings per Staff	-58.0%	-2.9%	-305.6	-15.3	329
Staff per Judicial Officer	-2.4%	-0.1%	-0.01	-0.0004	0.31

PROJECTIONS OF RELEVANT VARIABLES	2020	2025	2030	2035	2040
	Milwaukee County Population	970,573	981,993	993,412	1,004,831
Children's Filings	6,497	6,911	7,329	7,751	8,177
Total Judicial Officers	71.4	73.3	75.2	77.2	79.1

FORECAST MODELS	2020	2025	2030	2035	2040
<b>1) HISTORICAL TREND -- % CHANGE</b>					
= 0.3% /year from base: 20	20	21	21	21	21
<b>2) HISTORICAL TREND -- # CHANGE</b>					
= 0.05 /year from base: 20	20	21	21	21	21
<b>3) LINEAR REGRESSION</b>	23	23	24	24	25
<b>4) POPULATION RATIO</b>					
(A) Mean Deviation: Average to High Year	21	22	23	24	25
= 0.001 /year from base: 0.21	0.22	0.22	0.23	0.24	0.24
(B) Linear Regression	23	24	25	26	26
= Least Squares Analysis	0.24	0.25	0.25	0.26	0.26
(C) High Ratio	25	25	26	26	26
= 0.26 staff per 10,000 population	0.26	0.26	0.26	0.26	0.26
<b>5) FILINGS PER STAFF</b>					
(A) Average Ratio (1995-2015)	20	21	22	24	25
= 329 filings per staff	329	329	329	329	329

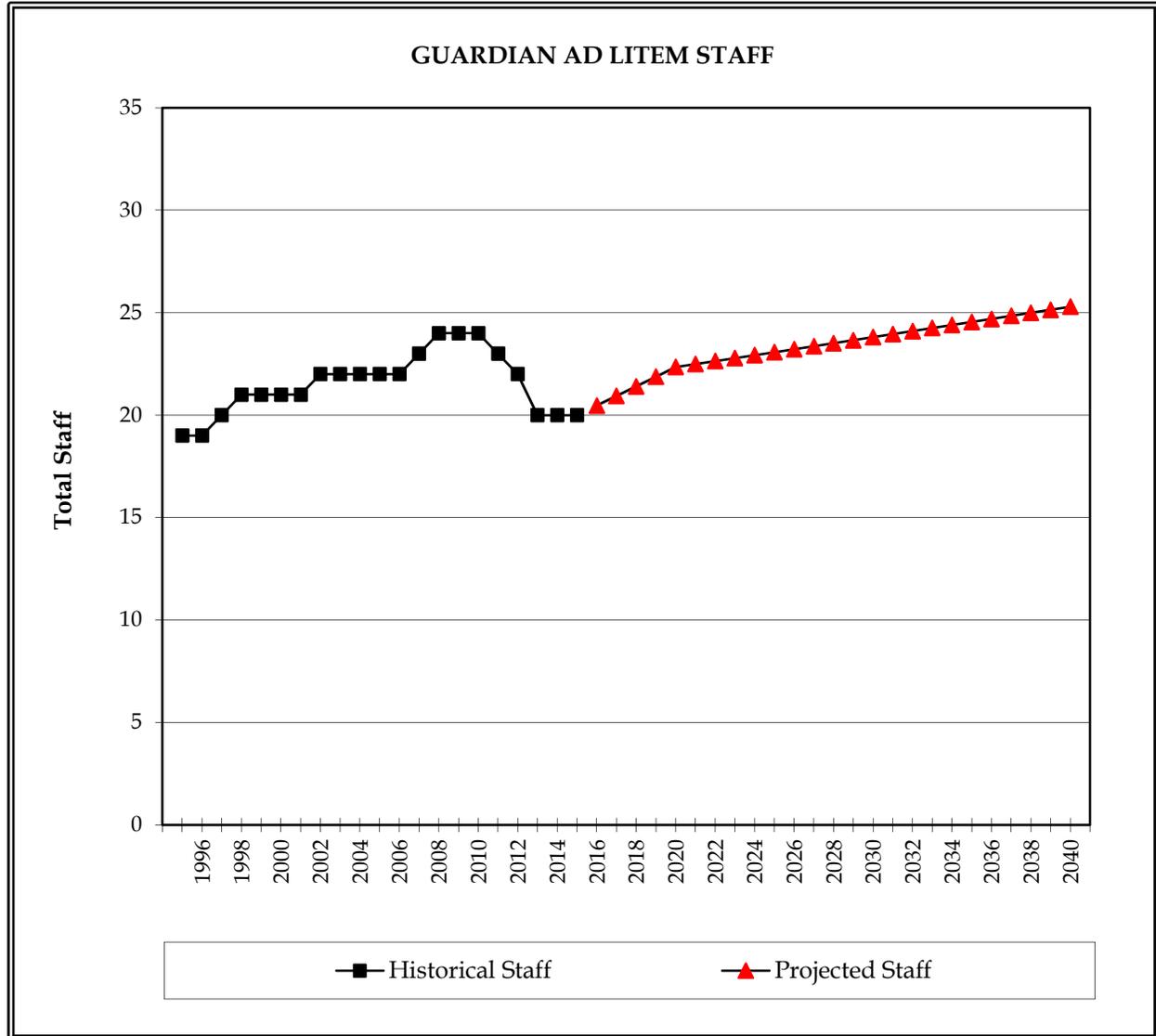
  

FORECAST MODELS	2020	2025	2030	2035	2040
<b>6) STAFF PER JUDICIAL OFFICER</b>					
(A) Mean Deviation: Average to High Year	21	22	23	24	25
= 0.001 /year from base: 0.29	0.30	0.30	0.31	0.31	0.32
(B) Linear Regression	22	22	23	24	24
= Least Squares Analysis	0.31	0.31	0.31	0.30	0.30
(C) High Ratio	24	24	25	26	26
= 0.3 staff per judicial officer	0.33	0.33	0.33	0.33	0.33
<b>RECOMMENDED FORECAST ==&gt;</b>					
<b>AVERAGE MODELS SHOWN WITH "&lt;="</b>	<b>22</b>	<b>23</b>	<b>24</b>	<b>25</b>	<b>25</b>
Staff per 10,000 Population:	0.23	0.23	0.24	0.24	0.25
Filings per Staff:	291	300	308	316	323
Staff per Judicial Officer:	0.31	0.31	0.32	0.32	0.32

Notes: (1) The Guardian ad Litem Division is part of the Milwaukee Legal Aid Society, and contracts with the County. (2) There are currently three staff vacancies due to budget limitations.

**Table C-14**  
**GUARDIAN AD LITEM STAFF PROJECTIONS, 2020 - 2040**

HISTORICAL STAFF	
1995	19
1996	19
1997	20
1998	21
1999	21
2000	21
2001	21
2002	22
2003	22
2004	22
2005	22
2006	22
2007	23
2008	24
2009	24
2010	24
2011	23
2012	22
2013	20
2014	20
2015	20
PROJECTED STAFF	
2020	22
2025	23
2030	24
2035	25
2040	25



**Table C-15  
JUSTICEPOINT PRETRIAL SERVICES STAFF PROJECTIONS, 2020 - 2040**

JUSTICEPOINT	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>Total Staff</b>	n/a	4	6	6	6	20	28	28	28	33	34	35	35	41	42						
Milwaukee Co. Population	954,978	950,969	945,453	942,430	940,529	940,164	939,305	939,854	939,513	936,914	932,540	930,263	931,453	934,752	942,668	947,735	950,019	952,303	954,587	956,870	959,154
Staff per 10,000 Pop.	n/a	0.04	0.06	0.06	0.06	0.21	0.30	0.30	0.30	0.35	0.36	0.37	0.37	0.43	0.44						
Criminal Filings	25,262	27,446	27,089	25,265	26,274	24,893	27,856	28,928	32,396	30,674	29,153	25,187	21,572	20,482	18,025	17,230	16,267	15,675	13,917	13,316	14,626
Filings per Staff	n/a	7,232	5,399	5,112	4,859	1,259	770	732	644	522	478	448	398	325	348						
Total Judicial Officers	64.0	64.0	64.0	64.0	64.0	65.0	65.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	72.0	72.0	69.0	69.0	69.0	69.0	69.0
Staff per Judicial Officer	n/a	0.05	0.08	0.08	0.08	0.27	0.38	0.38	0.39	0.46	0.49	0.51	0.51	0.59	0.61						

HISTORICAL PERIOD: 2006-2015	% Change		# Change		2006-15 Avg.
	Period	Annual	Period	Annual	
Total Staff	110.0%	12.2%	22.0	2.44	32.4
Staff per 10,000 Population	103.7%	11.5%	0.22	0.02	0.34
Filings per Staff	-72.3%	-8.0%	-911.1	-101.2	592
Staff per Judicial Officer	125.2%	13.9%	0.3	0.038	0.46

PROJECTIONS OF RELEVANT VARIABLES					
	2020	2025	2030	2035	2040
Milwaukee County Population	970,573	981,993	993,412	1,004,831	1,016,250
Criminal Filings	20,703	21,732	22,771	23,820	24,878
Total Judicial Officers	71.4	73.3	75.2	77.2	79.1

FORECAST MODELS	2020	2025	2030	2035	2040
<b>1) MODIFIED HISTORICAL % CHANGE</b> = 2006-2007 to 2014-2015 = 8.1% /year from base: 42	59	76	93	110	127
<b>2) MODIFIED HISTORICAL # CHANGE</b> = 2006-2007 to 2014-2015 = 1.94 /year from base: 42	52	61	71	81	91
<b>3) POPULATION RATIO</b> (A) Mean Deviation: Average to High Year = 0.01 /year from base: 0.44	47 0.49	52 0.53	58 0.58	63 0.63	69 0.68
(B) High / Current Ratio = 0.44 staff per 10,000 population	43 0.44	43 0.44	44 0.44	44 0.44	45 0.44
<b>4) FILINGS PER STAFF</b> (A) Recent Average Ratio (2011-2015) = 399 filings per staff	52 399	54 399	57 399	60 399	62 399
(B) Current Ratio = 348 filings per staff	59 348	62 348	65 348	68 348	71 348

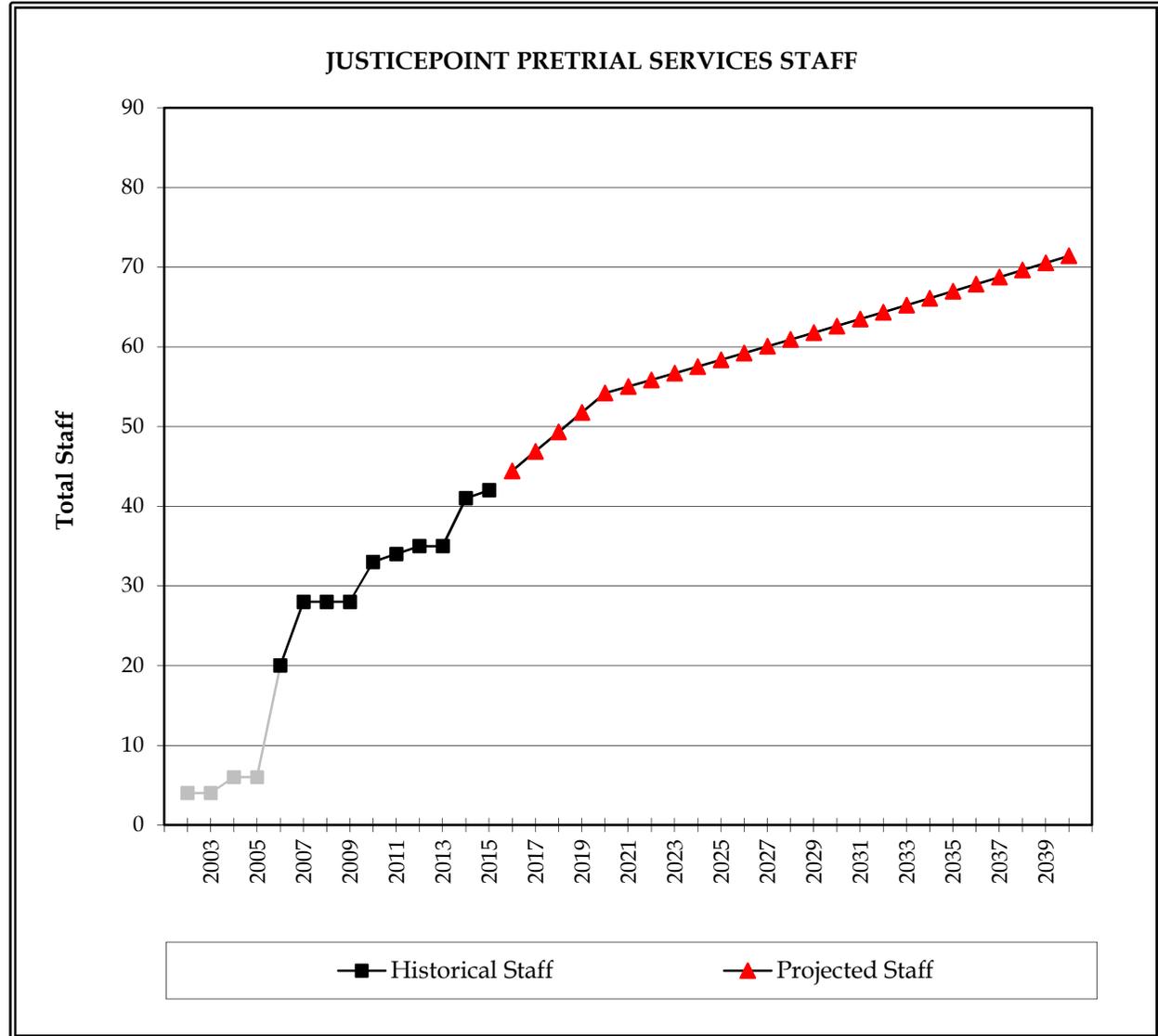
  

FORECAST MODELS	2020	2025	2030	2035	2040
(C) Low Ratio = 325 filings per staff	64 325	67 325	70 325	73 325	77 325
<b>5) STAFF PER JUDICIAL OFFICER</b> (A) Mean Deviation: Average to High Year = 0.02 /year from base: 0.61	49 0.68	56 0.76	63 0.83	70 0.91	78 1.0
(B) High Ratio = 0.61 staff per judicial officer	43 0.61	45 0.61	46 0.61	47 0.61	48 0.61
<b>RECOMMENDED FORECAST ==&gt;</b>					
<b>AVERAGE MODELS SHOWN WITH "&lt;="</b>	<b>54</b>	<b>58</b>	<b>63</b>	<b>67</b>	<b>71</b>
Staff per 10,000 Population:	0.56	0.59	0.63	0.67	0.70
Filings per Staff:	382	372	364	356	348
Staff per Judicial Officer:	0.76	0.80	0.83	0.87	0.90

Notes: (1) JusticePoint is a private agency, and was first contracted in 2002. (2) Agency staff are divided among multiple components, which have been added over the years. In 2006, several new programs were added at once, causing a dramatic increase in total staff. For this reason, the forecast period is from 2006-2015.

**Table C-16**  
**JUSTICEPOINT PRETRIAL SERVICES STAFF PROJECTIONS, 2020 - 2040**

HISTORICAL STAFF	
1995	n/a
1996	n/a
1997	n/a
1998	n/a
1999	n/a
2000	n/a
2001	n/a
2002	4
2003	6
2004	6
2005	6
2006	20
2007	28
2008	28
2009	28
2010	33
2011	34
2012	35
2013	35
2014	41
2015	42
PROJECTED STAFF	
2020	54
2025	58
2030	63
2035	67
2040	71



Note: For reasons listed in the footnote on Table C-13, the forecast period is from 2006-2015.

**Table C-17  
LAW LIBRARY STAFF PROJECTIONS, 2020 - 2040**

LAW LIBRARY	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>Total Staff</b>	<b>3</b>																				
Milwaukee Co. Population	954,978	950,969	945,453	942,430	940,529	940,164	939,305	939,854	939,513	936,914	932,540	930,263	931,453	934,752	942,668	947,735	950,019	952,303	954,587	956,870	959,154
Staff per 10,000 Pop.	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
Total Non-Traffic Filings	105,070	102,357	102,456	100,774	104,772	102,079	106,017	109,025	112,215	112,284	112,062	114,157	113,147	111,169	110,839	107,948	102,519	99,240	89,732	83,412	93,069
Filings per Staff	35,023	34,119	34,152	33,591	34,924	34,026	35,339	36,342	37,405	37,428	37,354	38,052	37,716	37,056	36,946	35,983	34,173	33,080	29,911	27,804	31,023
Total Judicial Officers	64.0	64.0	64.0	64.0	64.0	65.0	65.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	72.0	72.0	69.0	69.0	69.0	69.0	69.0
Staff per Judicial Officer	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04

HISTORICAL PERIOD: 1995-2015	% Change		# Change		1995-15
	Period	Annual	Period	Annual	Avg.
Total Staff	0.0%	0.0%	0.00	0.00	3.0
Staff per 10,000 Population	-0.4%	-0.02%	-0.0001	-0.00001	0.03
Filings per Staff	-11.4%	-0.6%	-4,000	-200	34,831
Staff per Judicial Officer	-7.2%	-0.4%	-0.003	-0.0002	0.04

PROJECTIONS OF RELEVANT VARIABLES	2020	2025	2030	2035	2040
	Milwaukee County Population	970,573	981,993	993,412	1,004,831
Total Non-Traffic Filings	106,662	111,654	116,694	121,783	126,922
Total Judicial Officers	71.4	73.3	75.2	77.2	79.1

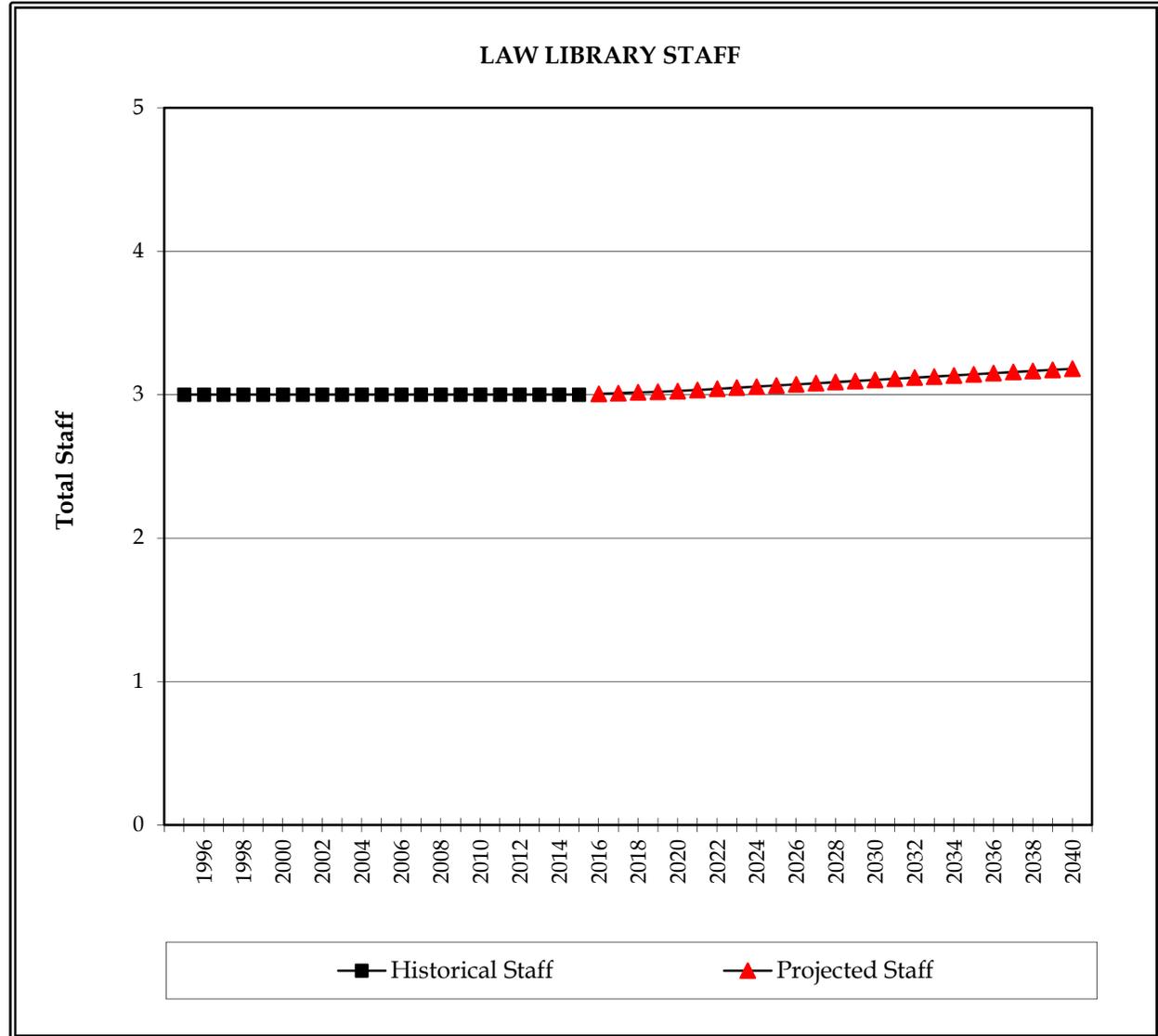
FORECAST MODELS	2020	2025	2030	2035	2040	
<b>1) HISTORICAL TREND -- % CHANGE</b>						
= 0.00% /year from base: 3	3	3	3	3	3	<=
<b>2) HISTORICAL TREND -- # CHANGE</b>						
= 0.00 /year from base: 3	3	3	3	3	3	<=
<b>3) LINEAR REGRESSION</b>						<=
<b>4) POPULATION RATIO</b>						
(A) Linear Regression	3	3	3	3	3	<=
= Least Squares Analysis	0.03	0.03	0.03	0.03	0.03	
(B) Average Ratio (1995-2015)	3	3	3	3	3	<=
= 0.03 staff per 10,000 population	0.03	0.03	0.03	0.03	0.03	
<b>5) FILINGS PER STAFF</b>						
(A) Average Ratio (1995-2015)	3	3	3	3	4	<=
= 34,831 filings per staff	34,831	34,831	34,831	34,831	34,831	

FORECAST MODELS	2020	2025	2030	2035	2040	
<b>6) STAFF PER JUDICIAL OFFICER</b>						
(A) Linear Regression	3	3	3	3	3	<=
= Least Squares Analysis	0.04	0.04	0.04	0.04	0.04	
(B) Mean Deviation: Average to High Year	3	3	3	4	4	<=
= 0.0002 /year from base: 0.04	0.04	0.05	0.05	0.05	0.05	
<b>7) MULTIPLE REGRESSION</b>						
(A) Variables: Time, Filings, Jud. Off., Pop.						
= R-Square: 1.000	3	3	3	3	3	<=
<b>RECOMMENDED FORECAST ==&gt;</b>						
<b>AVERAGE MODELS SHOWN WITH "&lt;="</b>	3	3	3	3	3	
Staff per 10,000 Population:	0.03	0.03	0.03	0.03	0.03	
Filings per Staff:	35,258	36,441	37,609	38,761	39,904	
Staff per Judicial Officer:	0.04	0.04	0.04	0.04	0.04	

**Table C-18**  
**LAW LIBRARY STAFF PROJECTIONS, 2020 - 2040**

HISTORICAL STAFF	
1995	3
1996	3
1997	3
1998	3
1999	3
2000	3
2001	3
2002	3
2003	3
2004	3
2005	3
2006	3
2007	3
2008	3
2009	3
2010	3
2011	3
2012	3
2013	3
2014	3
2015	3
PROJECTED STAFF	
2020	3
2025	3
2030	3
2035	3
2040	3



**Table C-19  
MILWAUKEE JUSTICE CENTER STAFF PROJECTIONS, 2020 - 2040**

JUSTICE CENTER	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>Total Staff</b>	n/a	2	3	3	4	4	6	5	6												
Milwaukee Co. Population	954,978	950,969	945,453	942,430	940,529	940,164	939,305	939,854	939,513	936,914	932,540	930,263	931,453	934,752	942,668	947,735	950,019	952,303	954,587	956,870	959,154
Staff per 10,000 Pop.	n/a	0.02	0.03	0.03	0.04	0.04	0.06	0.05	0.06												
Total Non-Traffic Filings	105,070	102,357	102,456	100,774	104,772	102,079	106,017	109,025	112,215	112,284	112,062	114,157	113,147	111,169	110,839	107,948	102,519	99,240	89,732	83,412	93,069
Filings per Staff	n/a	55,585	36,946	35,983	25,630	24,810	14,955	16,682	15,511												
Total Judicial Officers	64.0	64.0	64.0	64.0	64.0	65.0	65.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	72.0	72.0	69.0	69.0	69.0	69.0	69.0
Staff per Judicial Officer	n/a	0.03	0.04	0.04	0.06	0.06	0.09	0.07	0.09												

HISTORICAL PERIOD: 2008-2015	% Change		# Change		2008-15
	Period	Annual	Period	Annual	Avg.
Total Staff	200.0%	28.6%	4.0	0.57	4.1
Staff per 10,000 Population	192.4%	27.5%	0.04	0.01	0.04
Filings per Staff	-72.1%	-10.3%	-40,073	-5,725	28,263
Staff per Judicial Officer	221.7%	31.7%	0.06	0.009	0.06

PROJECTIONS OF RELEVANT VARIABLES	2020	2025	2030	2035	2040
	Milwaukee County Population	970,573	981,993	993,412	1,004,831
Total Non-Traffic Filings	106,662	111,654	116,694	121,783	126,922
Total Judicial Officers	71.4	73.3	75.2	77.2	79.1

FORECAST MODELS	2020	2025	2030	2035	2040
	<b>1) MODIFIED HISTORICAL % CHANGE</b> = 2008-2009 to 2014-2015 = 17.1% /year from base: 6	11	16	21	27
<b>2) MODIFIED HISTORICAL # CHANGE</b> = 2008-2009 to 2014-2015 = 0.43 /year from base: 6	8	10	12	15	17
<b>3) LINEAR REGRESSION</b>	9	12	14	17	20
<b>4) POPULATION RATIO</b> (A) Mean Deviation: Average to High Year = 0.002 /year from base: 0.06	7 0.07	9 0.09	10 0.10	11 0.11	13 0.12
(B) High Ratio = 0.06 staff per 10,000 population	6 0.06	6 0.06	6 0.06	6 0.06	6 0.06
<b>5) FILINGS PER STAFF</b> (A) Low Ratio = 14,955 filings per staff	7 14,955	7 14,955	8 14,955	8 14,955	8 14,955

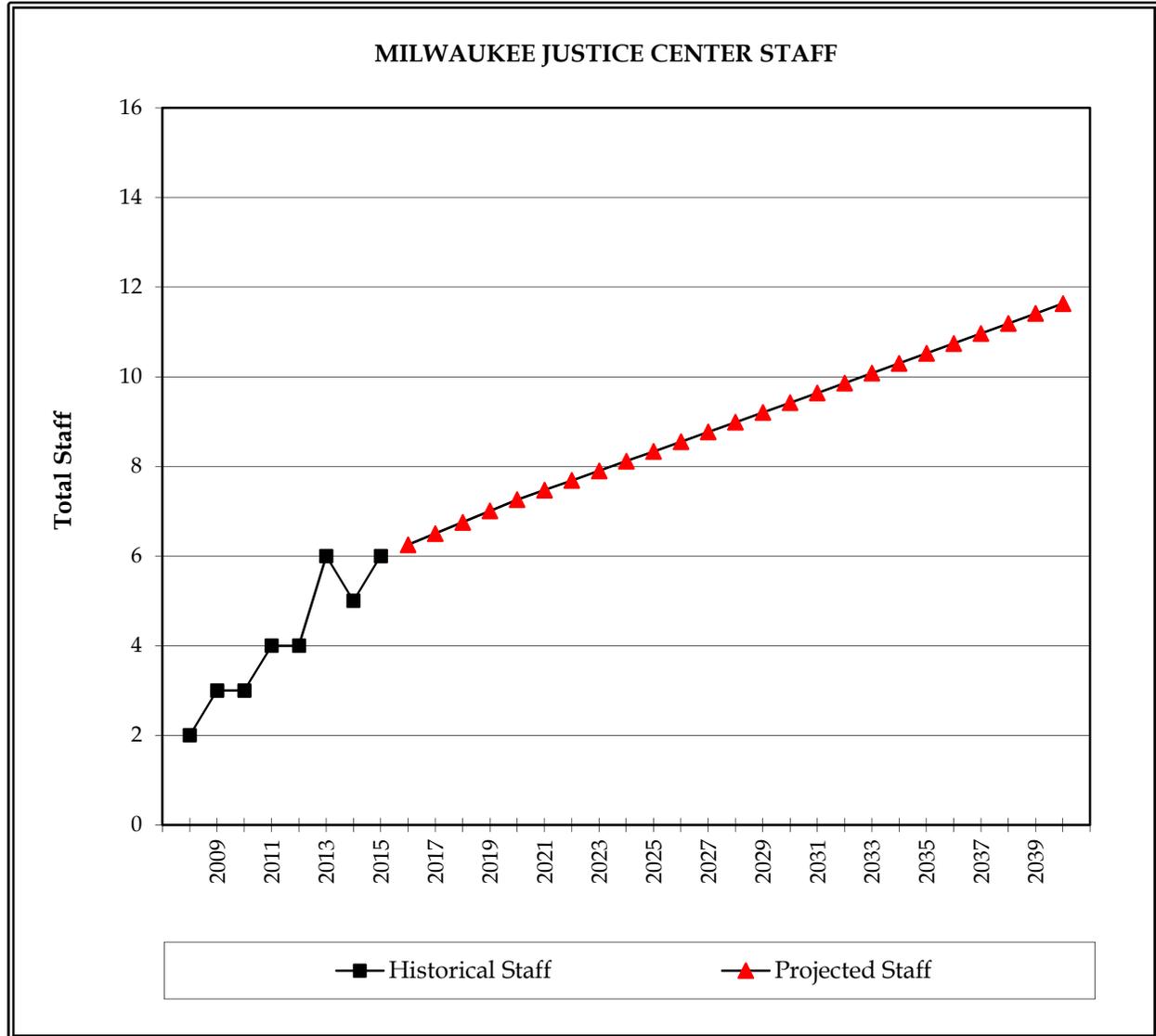
  

FORECAST MODELS	2020	2025	2030	2035	2040
	(B) Current Ratio = 15,511 filings per staff	7 15,511	7 15,511	8 15,511	8 15,511
<b>6) STAFF PER JUDICIAL OFFICER</b> (A) Mean Deviation: Average to High Year = 0.003 /year from base: 0.09	7 0.10	9 0.12	10 0.14	12 0.16	14 0.17
(B) Current Ratio = 0.09 staff per judicial officer	6 0.09	6 0.09	7 0.09	7 0.09	7 0.09
<b>RECOMMENDED FORECAST ==&gt;</b>					
<b>AVERAGE MODELS SHOWN WITH "&lt;="</b>	7	8	9	11	12
Staff per 10,000 Population:	0.07	0.08	0.09	0.10	0.11
Filings per Staff:	14,701	13,404	12,391	11,577	10,911
Staff per Judicial Officer:	0.10	0.11	0.13	0.14	0.15

Note: The Milwaukee Justice Center assists the public with self-help Family Law forms, brief legal advice, and referral service clinics for non-criminal matters. It began operating in 2008.

**Table C-20  
MILWAUKEE JUSTICE CENTER STAFF PROJECTIONS, 2020 - 2040**

HISTORICAL STAFF	
1995	n/a
1996	n/a
1997	n/a
1998	n/a
1999	n/a
2000	n/a
2001	n/a
2002	n/a
2003	n/a
2004	n/a
2005	n/a
2006	n/a
2007	n/a
2008	2
2009	3
2010	3
2011	4
2012	4
2013	6
2014	5
2015	6
PROJECTED STAFF	
2020	7
2025	8
2030	9
2035	11
2040	12



Note: The Milwaukee Justice Center began operating in 2008.

**Table C-21  
RESTRAINING ORDER CLINIC STAFF PROJECTIONS, 2020 - 2040**

REST. ORDER CLINIC	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>Total Staff</b>	<b>5</b>	<b>8</b>																			
Milwaukee Co. Population	954,978	950,969	945,453	942,430	940,529	940,164	939,305	939,854	939,513	936,914	932,540	930,263	931,453	934,752	942,668	947,735	950,019	952,303	954,587	956,870	959,154
Staff per 10,000 Pop.	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.09	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.08
Family Filings	15,283	11,750	11,235	12,764	13,289	14,614	14,749	16,811	14,778	12,534	11,983	11,393	9,966	9,272	11,046	11,113	11,142	11,307	10,668	10,753	12,655
Filings per Staff	3,057	2,350	2,247	2,553	2,658	2,923	2,950	3,362	2,956	2,507	2,397	1,424	1,246	1,159	1,381	1,389	1,393	1,413	1,334	1,344	1,582
Total Judicial Officers	64.0	64.0	64.0	64.0	64.0	65.0	65.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	72.0	72.0	69.0	69.0	69.0	69.0	69.0
Staff per Judicial Officer	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.07	0.07	0.07	0.07	0.11	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.12

HISTORICAL PERIOD: 1995-2015	% Change		# Change		1995-15
	Period	Annual	Period	Annual	Avg.
Total Staff	60.0%	3.0%	3.0	0.15	6.4
Staff per 10,000 Population	59.3%	3.0%	0.03	0.00	0.07
Filings per Staff	-48.2%	-2.4%	-1,474.7	-73.7	2,077
Staff per Judicial Officer	48.4%	2.4%	0.0	0.002	0.1

PROJECTIONS OF RELEVANT VARIABLES						2020	2025	2030	2035	2040
Milwaukee County Population						970,573	981,993	993,412	1,004,831	1,016,250
Family Filings						13,313	13,670	14,031	14,394	14,760
Total Judicial Officers						71.4	73.3	75.2	77.2	79.1

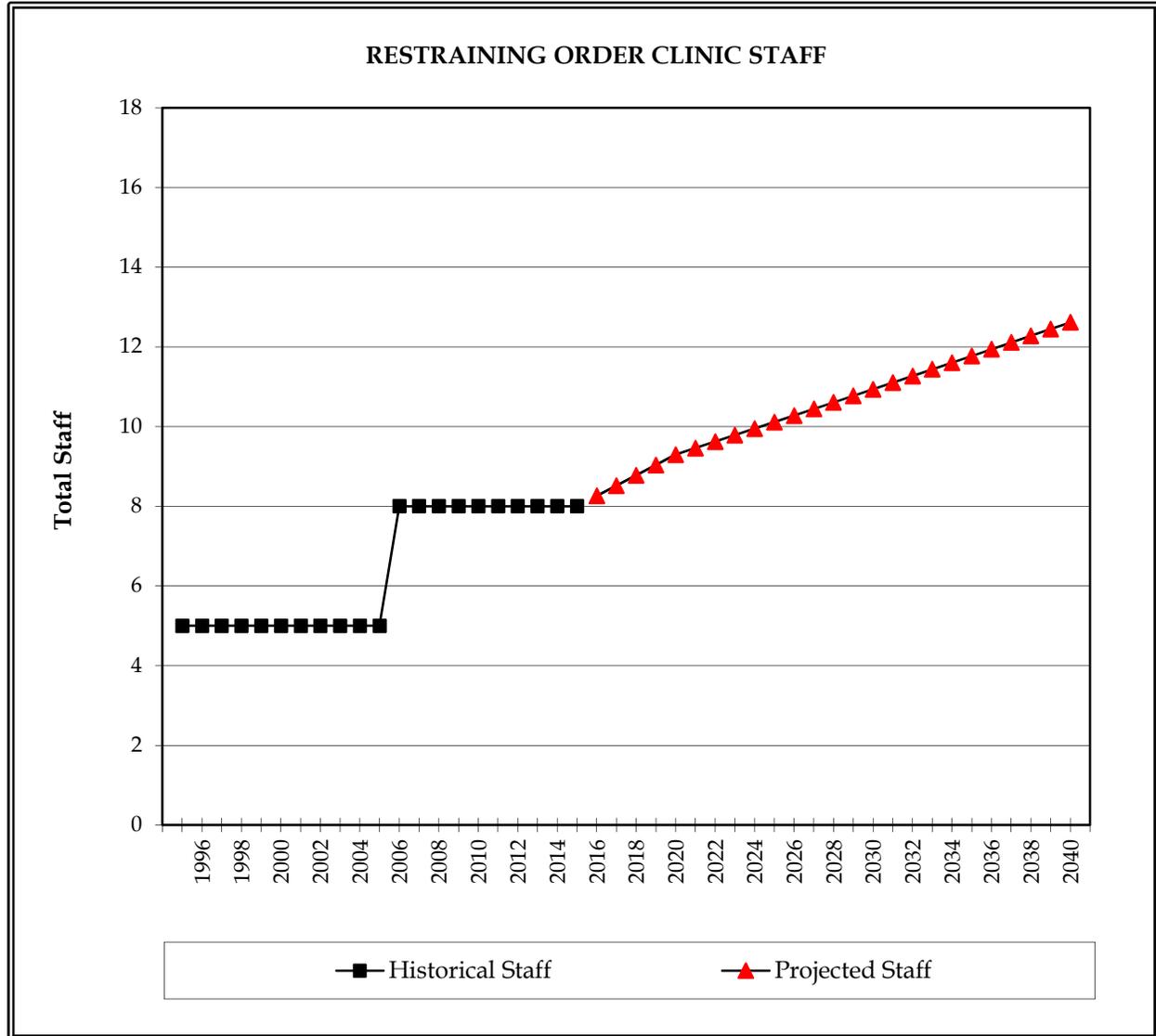
  

FORECAST MODELS	2020	2025	2030	2035	2040		FORECAST MODELS	2020	2025	2030	2035	2040	
<b>1) HISTORICAL TREND -- % CHANGE</b>							<b>6) STAFF PER JUDICIAL OFFICER</b>						
= 3.0% /year from base: 8	9	10	12	13	14	<=	(A) Increasing Ratio	9	10	11	12	13	<=
							= 0.002 /year from base: 0.12	0.13	0.13	0.14	0.15	0.16	
<b>2) HISTORICAL TREND -- # CHANGE</b>							(B) Mean Deviation: Average to High Year	9	9	10	11	11	<=
= 0.15 /year from base: 8	9	10	10	11	12	<=	= 0.001 /year from base: 0.12	0.12	0.13	0.13	0.14	0.14	
<b>3) LINEAR REGRESSION</b>	10	11	12	13	14	<=	<b>7) MULTIPLE REGRESSION</b>						
<b>4) POPULATION RATIO</b>							Variables: Time, Population						
(A) Increasing Ratio	9	10	11	12	12	<=	= R-Square: 0.750	10	11	12	13	14	<=
= 0.002 /year from base: 0.08	0.09	0.10	0.11	0.11	0.12		<b>RECOMMENDED FORECAST ==&gt;</b>						
(B) Mean Deviation: Average to High Year	9	9	10	10	11	<=	<b>AVERAGE MODELS SHOWN WITH "&lt;="</b>	9	10	11	12	13	
= 0.001 /year from base: 0.08	0.09	0.09	0.10	0.10	0.10		<b>Staff per 10,000 Population:</b>	0.10	0.10	0.11	0.12	0.12	
<b>5) FILINGS PER STAFF</b>							<b>Filings per Staff:</b>	1,433	1,352	1,283	1,223	1,170	
(A) Low Ratio	11	12	12	12	13	<=	<b>Staff per Judicial Officer:</b>	0.13	0.14	0.15	0.15	0.16	
= 1,159 filings per staff	1,159	1,159	1,159	1,159	1,159								

Notes: (1) The Restraining Order Clinic is staffed by advocates from the Sojourner Family Peace Center, a private agency. (2) In 2006, several part time staff became full time employees.

**Table C-22**  
**RESTRAINING ORDER CLINIC STAFF PROJECTIONS, 2020 - 2040**

HISTORICAL STAFF	
1995	5
1996	5
1997	5
1998	5
1999	5
2000	5
2001	5
2002	5
2003	5
2004	5
2005	5
2006	8
2007	8
2008	8
2009	8
2010	8
2011	8
2012	8
2013	8
2014	8
2015	8
PROJECTED STAFF	
2020	9
2025	10
2030	11
2035	12
2040	13



**Table C-23  
SHERIFF'S OFFICE STAFF PROJECTIONS, 2020 - 2040**

SHERIFF'S OFFICE	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>Total Staff</b>	n/a	236	246	252	229	218	217	222													
Milwaukee Co. Population	954,978	950,969	945,453	942,430	940,529	940,164	939,305	939,854	939,513	936,914	932,540	930,263	931,453	934,752	942,668	947,735	950,019	952,303	954,587	956,870	959,154
Staff per 10,000 Pop.	n/a	2.50	2.60	2.65	2.40	2.28	2.27	2.31													
Total Non-Probate Filings	99,263	141,168	145,797	141,329	150,086	149,107	156,851	149,706	139,840	142,427	140,242	158,104	154,795	144,779	144,683	141,972	136,088	130,783	114,581	101,673	112,090
Filings per Staff	n/a	613	577	540	571	526	469	505													
Total Judicial Officers	64.0	64.0	64.0	64.0	64.0	65.0	65.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	72.0	72.0	69.0	69.0	69.0	69.0	69.0
Staff per Judicial Officer	n/a	3.3	3.4	3.7	3.3	3.2	3.1	3.2													

HISTORICAL PERIOD: 2009-2015	% Change		# Change		2009-15
	Period	Annual	Period	Annual	Avg.
Total Staff	-5.9%	-1.0%	-14.0	-2.33	231.4
Staff per 10,000 Population	-7.5%	-1.3%	-0.19	-0.03	2.43
Filings per Staff	-17.6%	-2.9%	-108.2	-18.0	543
Staff per Judicial Officer	-1.8%	-0.3%	-0.1	-0.010	3.3

PROJECTIONS OF RELEVANT VARIABLES	2020	2025	2030	2035	2040
	Milwaukee County Population	970,573	981,993	993,412	1,004,831
Total Non-Probate Filings	139,193	145,470	151,808	158,206	164,663
Total Judicial Officers	71.4	73.3	75.2	77.2	79.1

*Historical staff data for the Sheriff's Office is not available from 1995-2008. Due to the short data period, and because the available data reveals a downward trend in the number of staff, the Consultant believes that no meaningful forecast can be generated for the Sheriff's Office. However, the Consultant has estimated the future space needs of the Sheriff's Office to the year 2040 at 60,000 Departmental Gross Square Feet (DGSF).*

**Table C-24  
WCS DRUG TESTING STAFF PROJECTIONS, 2013 - 2040**

WCS DRUG TESTING	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>Total Staff</b>	<b>2</b>	<b>3</b>																			
Milwaukee Co. Population	954,978	950,969	945,453	942,430	940,529	940,164	939,305	939,854	939,513	936,914	932,540	930,263	931,453	934,752	942,668	947,735	950,019	952,303	954,587	956,870	959,154
Staff per 10,000 Pop.	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03
Criminal Filings	25,262	27,446	27,089	25,265	26,274	24,893	27,856	28,928	32,396	30,674	29,153	25,187	21,572	20,482	18,025	17,230	16,267	15,675	13,917	13,316	14,626
Filings per Staff	12,631	13,723	13,545	12,633	13,137	12,447	13,928	14,464	16,198	15,337	14,577	12,594	10,786	10,241	9,013	8,615	8,134	7,838	6,959	6,658	4,875
Total Judicial Officers	64.0	64.0	64.0	64.0	64.0	65.0	65.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	72.0	72.0	69.0	69.0	69.0	69.0	69.0
Staff per Judicial Officer	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04

HISTORICAL PERIOD: 1995-2015	% Change		# Change		1995-15 Avg.
	Period	Annual	Period	Annual	
Total Staff	50.0%	2.5%	1.0	0.05	2.0
Staff per 10,000 Population	49.3%	2.5%	0.01	0.00	0.02
Filings per Staff	-61.4%	-3.1%	-7,756	-387.8	11,349
Staff per Judicial Officer	39.1%	2.0%	0.01	0.001	0.03

PROJECTIONS OF RELEVANT VARIABLES	2020	2025	2030	2035	2040
	Milwaukee County Population	970,573	981,993	993,412	1,004,831
Criminal Filings	20,703	21,732	22,771	23,820	24,878
Total Judicial Officers	71.4	73.3	75.2	77.2	79.1

FORECAST MODELS	2020	2025	2030	2035	2040	
<b>1) HISTORICAL TREND -- % CHANGE</b>						
= 2.5% /year from base: 3	3	4	4	5	5	<=
<b>2) HISTORICAL TREND -- # CHANGE</b>						
= 0.05 /year from base: 3	3	4	4	4	4	<=
<b>3) LINEAR REGRESSION</b>	2	2	2	2	3	<=
<b>4) POPULATION RATIO</b>						
(A) Modified Increasing Ratio						
= Avg. 1995-1996 to Avg. 2014-2015	3	3	3	4	4	<=
= 0.0003 /year from base: 0.03	0.03	0.03	0.04	0.04	0.04	
(B) Mean Deviation: Average to High Year	3	4	4	4	4	<=
= 0.0005 /year from base: 0.03	0.03	0.04	0.04	0.04	0.04	
<b>5) FILINGS PER STAFF</b>						
(A) Recent Average Ratio (2011-2015)	3	3	3	3	4	<=
= 6,893 filings per staff	6,893	6,893	6,893	6,893	6,893	

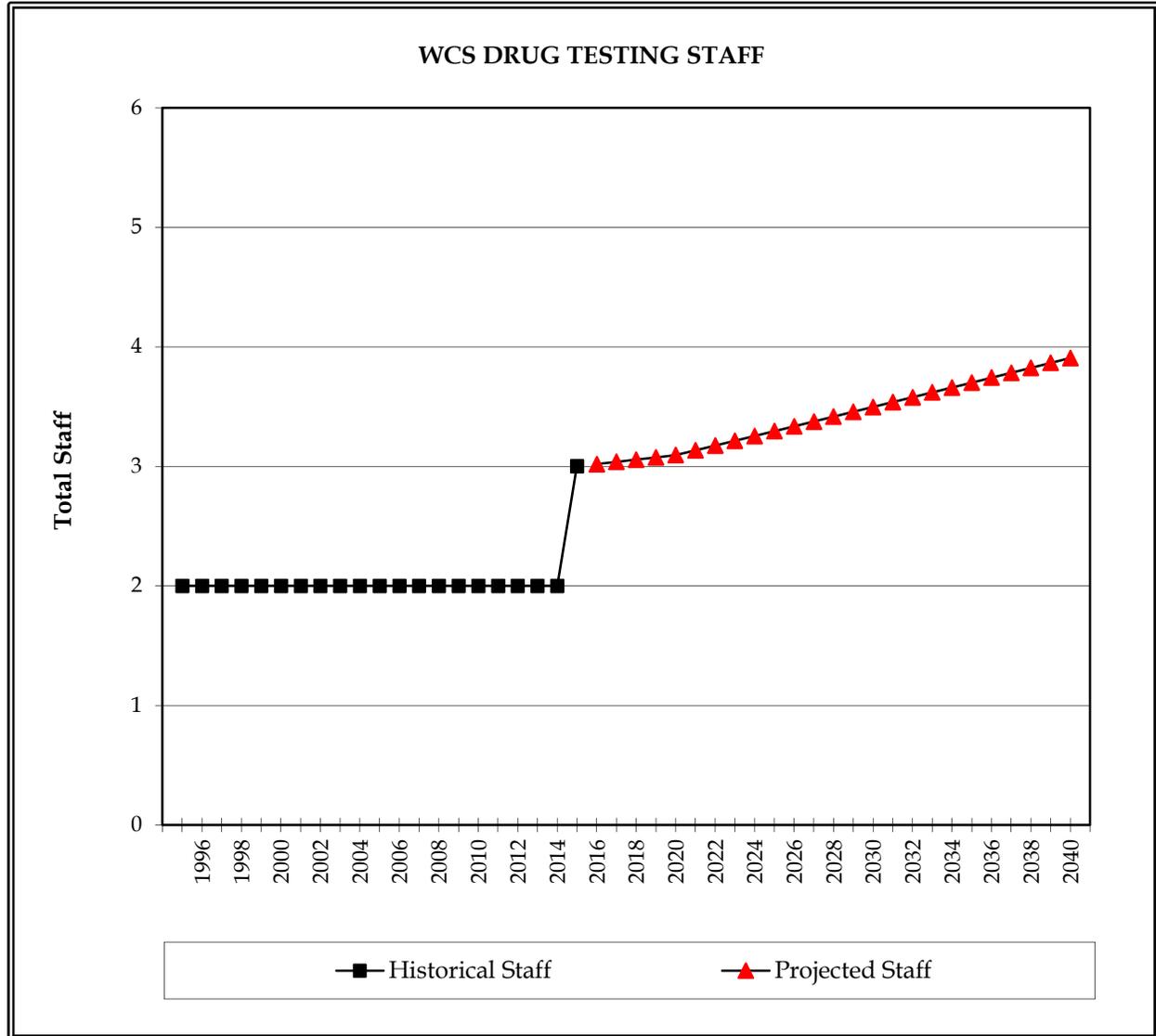
  

FORECAST MODELS	2020	2025	2030	2035	2040	
<b>6) STAFF PER JUDICIAL OFFICER</b>						
(A) Modified Increasing Ratio						
= Avg. 1995-1996 to Avg. 2014-2015	3	3	4	4	4	<=
= 0.0002 /year from base: 0.04	0.04	0.05	0.05	0.05	0.05	
(B) Current / High Ratio	3	3	3	3	3	<=
= 0.04 staff per judicial officer	0.04	0.04	0.04	0.04	0.04	
<b>7) MULTIPLE REGRESSION</b>						
Variables: Time, Population						
= R-Square: 0.233	2	3	3	3	3	<=
<b>RECOMMENDED FORECAST ==&gt;</b>						
<b>AVERAGE MODELS SHOWN WITH "&lt;="</b>	3	3	3	4	4	
<b>Staff per 10,000 Population:</b>	0.03	0.03	0.04	0.04	0.04	
<b>Filings per Staff:</b>	6,692	6,597	6,512	6,436	6,368	
<b>Staff per Judicial Officer:</b>	0.04	0.04	0.05	0.05	0.05	

Note: Wisconsin Community Services is a private agency which is contracted by the County.

**Table C-25  
WCS DRUG TESTING STAFF PROJECTIONS, 2013 - 2040**

<b>HISTORICAL STAFF</b>	
1995	2
1996	2
1997	2
1998	2
1999	2
2000	2
2001	2
2002	2
2003	2
2004	2
2005	2
2006	2
2007	2
2008	2
2009	2
2010	2
2011	2
2012	2
2013	2
2014	2
2015	3
<b>PROJECTED STAFF</b>	
2020	3
2025	3
2030	3
2035	4
2040	4



**Table C-26  
WCS OWI PROGRAM STAFF PROJECTIONS, 2013 - 2040**

WCS OWI PROGRAM	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>Total Staff</b>	<b>n/a</b>	<b>n/a</b>	<b>1</b>	<b>3</b>	<b>7</b>	<b>7</b>	<b>5</b>	<b>7</b>	<b>7</b>	<b>6</b>	<b>5</b>	<b>7</b>	<b>5</b>	<b>8</b>							
Milwaukee Co. Population	954,978	950,969	945,453	942,430	940,529	940,164	939,305	939,854	939,513	936,914	932,540	930,263	931,453	934,752	942,668	947,735	950,019	952,303	954,587	956,870	959,154
Staff per 10,000 Pop.	n/a	n/a	0.01	0.03	0.07	0.07	0.05	0.07	0.07	0.06	0.05	0.08	0.05	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.08
Criminal Filings	25,262	27,446	27,089	25,265	26,274	24,893	27,856	28,928	32,396	30,674	29,153	25,187	21,572	20,482	18,025	17,230	16,267	15,675	13,917	13,316	14,626
Filings per Staff	n/a	n/a	27,089	8,422	3,753	3,556	5,571	4,133	4,628	5,112	5,831	3,598	4,314	2,560	2,253	2,154	2,033	1,959	1,740	1,665	1,828
Total Judicial Officers	64.0	64.0	64.0	64.0	64.0	65.0	65.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	72.0	72.0	69.0	69.0	69.0	69.0	69.0
Staff per Judicial Officer	n/a	n/a	0.02	0.05	0.11	0.11	0.08	0.09	0.09	0.08	0.07	0.09	0.07	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.12

HISTORICAL PERIOD: 1999-2015		% Change		# Change		1999-15 Avg.
	Period	Annual	Period	Annual		
Total Staff	14.3%	0.9%	1.0	0.06	7.1	
Staff per 10,000 Population	12.1%	0.8%	0.01	0.00	0.07	
Filings per Staff	-51.3%	-3.2%	-1,925	-120	3,335	
Staff per Judicial Officer	6.0%	0.4%	0.0	0.000	0.1	

PROJECTIONS OF RELEVANT VARIABLES		2020	2025	2030	2035	2040
Milwaukee County Population		970,573	981,993	993,412	1,004,831	1,016,250
Criminal Filings		20,703	21,732	22,771	23,820	24,878
Total Judicial Officers		71.4	73.3	75.2	77.2	79.1

FORECAST MODELS	2020	2025	2030	2035	2040	
<b>1) HISTORICAL TREND -- % CHANGE</b>						
= 0.9% /year from base: 8	8	9	9	9	10	<=
<b>2) HISTORICAL TREND -- # CHANGE</b>						
= 0.06 /year from base: 8	8	9	9	9	10	<=
<b>3) LINEAR REGRESSION</b>	9	9	10	11	12	<=
<b>4) POPULATION RATIO</b>						
(A) Increasing Ratio	8	9	9	10	10	<=
= 0.001 /year from base: 0.08	0.09	0.09	0.09	0.09	0.10	
(B) Linear Regression	9	10	10	11	12	<=
= Least Squares Analysis	0.09	0.10	0.11	0.11	0.12	
(C) Mean Deviation: Average to High Year	8	9	9	10	10	<=
= 0.001 /year from base: 0.08	0.09	0.09	0.09	0.10	0.10	

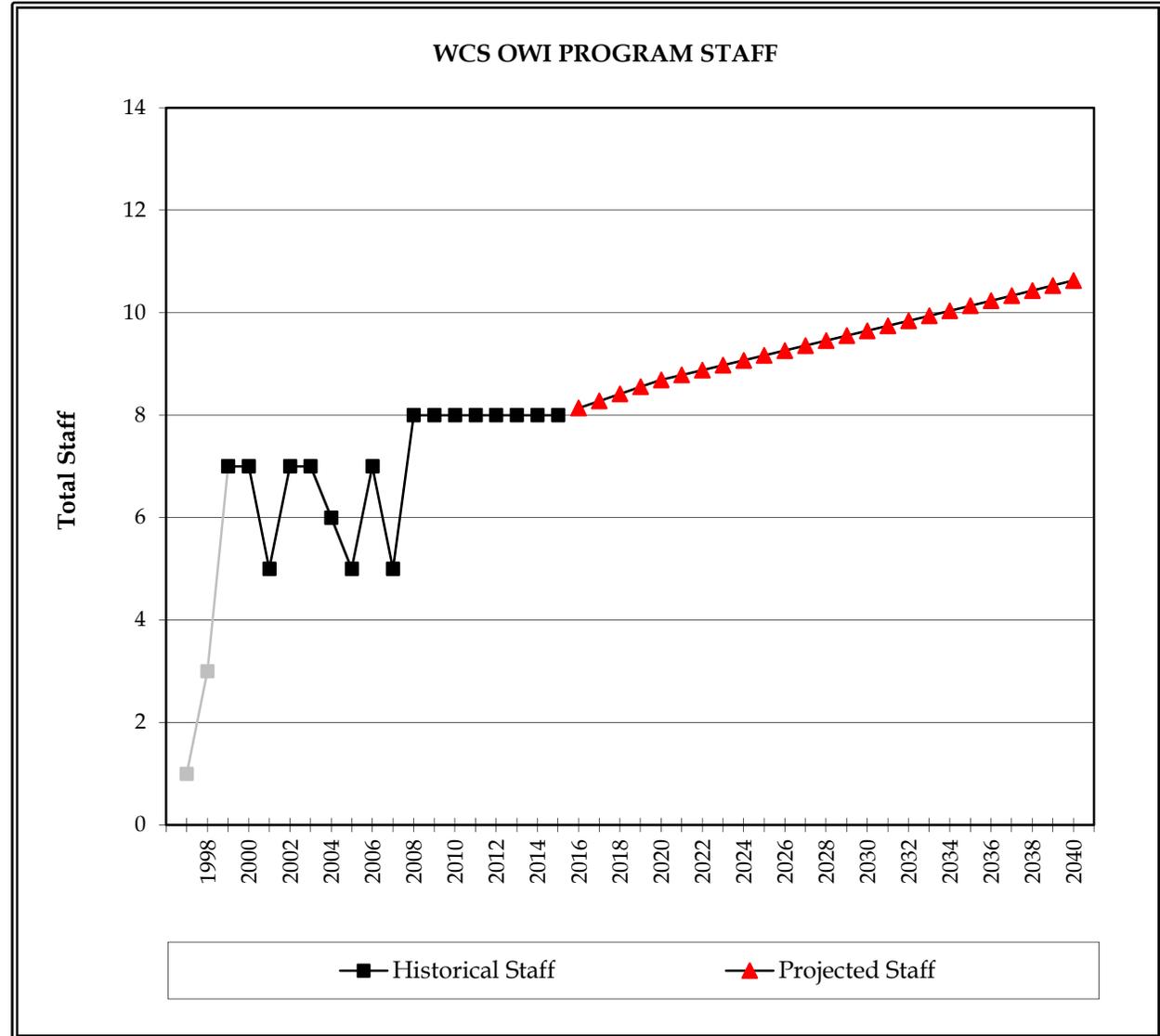
  

FORECAST MODELS	2020	2025	2030	2035	2040	
<b>5) STAFF PER JUDICIAL OFFICER</b>						
(A) Increasing Ratio	8	9	9	10	10	<=
= 0.0004 /year from base: 0.12	0.12	0.12	0.12	0.12	0.13	
(B) Mean Deviation: Average to High Year	9	9	10	10	11	<=
= 0.001 /year from base: 0.12	0.12	0.13	0.13	0.13	0.14	
<b>6) MULTIPLE REGRESSION</b>						
Variables: Time, Population						
= R-Square: 0.528	10	10	11	11	12	<=
<b>RECOMMENDED FORECAST ==&gt;</b>						
<b>AVERAGE MODELS SHOWN WITH "&lt;="</b>	<b>9</b>	<b>9</b>	<b>10</b>	<b>10</b>	<b>11</b>	
Staff per 10,000 Population:	0.09	0.09	0.10	0.10	0.10	
Filings per Staff:	2,382	2,371	2,361	2,350	2,341	
Staff per Judicial Officer:	0.12	0.13	0.13	0.13	0.13	

Notes: (1) Wisconsin Community Services is a private agency which is contracted by the County, and provides pretrial services for defendants arrested for a second or more Operating While Intoxicated citation. (2) The program began operating in 1997. Data from 1997-1998 reflects an initial staffing-up period, and is therefore excluded from the forecast.

**Table C-27  
WCS OWI PROGRAM STAFF PROJECTIONS, 2013 - 2040**

HISTORICAL STAFF	
1995	n/a
1996	n/a
1997	1
1998	3
1999	7
2000	7
2001	5
2002	7
2003	7
2004	6
2005	5
2006	7
2007	5
2008	8
2009	8
2010	8
2011	8
2012	8
2013	8
2014	8
2015	8
PROJECTED STAFF	
2020	9
2025	9
2030	10
2035	10
2040	11



Note: For reasons listed in the footnote on Table C-25, the forecast period is from 1999-2015.

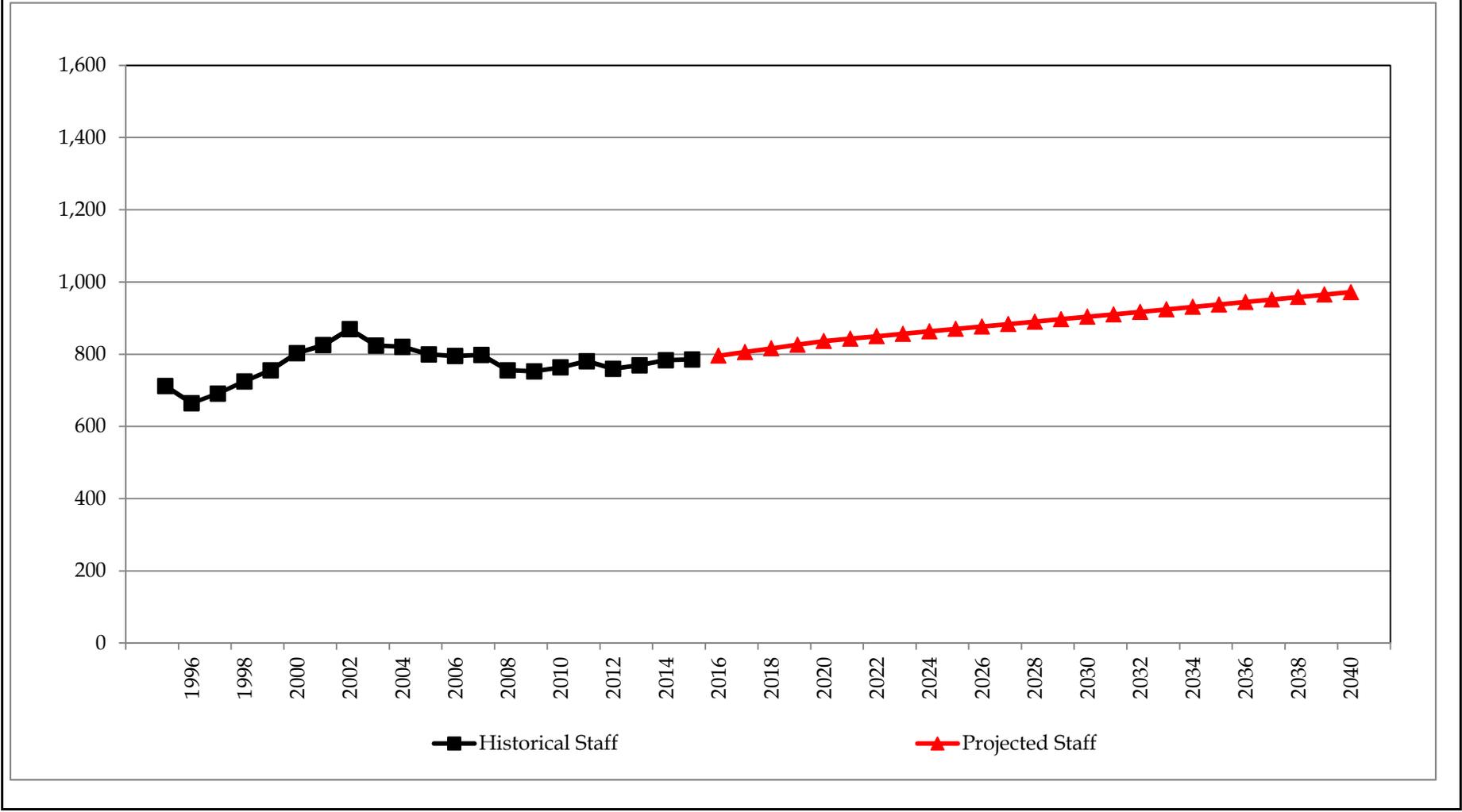
**Table C-28  
SUMMARY OF STAFF PROJECTIONS**

Agency	Historical	Existing	Projected				
	1995	2015	2020	2025	2030	2035	2040
Chief Judge's Office	11	19	20	22	24	26	28
Child Support Services	132	145	152	156	161	165	170
Circuit Clerk	320	248	254	261	268	275	283
District Attorney	220	284	302	314	327	339	352
Guardian ad Litem	19	20	22	23	24	25	25
JusticePoint Pretrial Services	n/a	42	54	58	63	67	71
Law Library	3	3	3	3	3	3	3
Milwaukee Justice Center	n/a	6	7	8	9	11	12
Restraining Order Clinic	5	8	9	10	11	12	13
Sheriff's Office	n/a	222	n/a	n/a	n/a	n/a	n/a
WCS Drug Testing	2	3	3	3	3	4	4
WCS OWI Program	n/a	8	9	9	10	10	11
<b>TOTAL</b>	<b>712</b>	<b>786</b>	<b>836</b>	<b>870</b>	<b>903</b>	<b>937</b>	<b>972</b>

Note: Historical staff data is not available for the Sheriff's Office from 1995-2008. Since a meaningful forecast could not be generated for this agency, Sheriff's Office staff have been excluded from the total shown above.

**Table C-29  
SUMMARY OF HISTORICAL AND PROJECTED STAFFING, 1995 - 2040**

AGENCY	Historical	Existing	Projected				
	1995	2015	2020	2025	2030	2035	2040
<b>TOTAL STAFF</b>	712	786	836	870	903	937	972



Note: Historical staff data is not available for the Sheriff's Office from 1995-2008. Since the inclusion of partial data would falsely skew the graph, the Sheriff's Office has been excluded from the total shown above.

**SECTION D: SPACE STANDARDS**

SECTION D: SPACE STANDARDS

SECTION D: SPACE STANDARDS

In order to evaluate existing court facilities for spatial and operational adequacy, and in order to make recommendations for new or improved facilities, it is necessary to develop space standards. This section documents the basic building blocks of a courthouse: the courtrooms, jury deliberation rooms, and judicial chambers. It identifies the number and sizes of courtrooms, hearing rooms, jury rooms, and chambers by building. This allows comparison with the Wisconsin Supreme Court Standards for these spaces. Finally, recommended standards are presented for litigation spaces, courtroom support spaces, detainee holding areas, offices, workstations, and conference rooms based on a combination of the State standards, the national experience of the Consultant, and the local requirements of the Milwaukee County Courts.

DEFINITION OF SQUARE FOOTAGE TERMS

Prior to the development of space standards, it is first necessary to understand the various square footage terms which are used. Table D-1 summarizes the definition of each type of space.

Net square feet (NSF) represents the unobstructed and usable area of a space. It is the area between walls or partitions. All space standards are based on net square feet.

Departmental gross square feet (DGSF) represents the total floor area for a department or component, and includes the thickness of interior walls and partitions, as well as the hallways or circulation

required to connect all spaces. DGSF corresponds to Assignable, Occupiable, or Rentable Square Feet.

Building gross square feet (BGSF) represents the total space required for a building. It includes all departmental space, plus area for major public hallways, elevators, fire stairs, mechanical shafts, pipe chases, public toilets, and the exterior skin of the building.

EXISTING COURTROOM SETS

Tables D-2 through D-7 document the existing courtroom sets by facility. Throughout the report, the facilities are color-coded as follows in order to aid with legibility and comprehension:

- Historic Courthouse: Yellow
- Safety Building: Green
- Criminal Justice Facility: Red
- Juvenile Justice Center: Blue

SECTION D: SPACE STANDARDS

Tables D-2 and D-3 illustrate the process of identifying the assignment of judges and commissioners by location and type of court. The following graphics present summaries of each:

Facility	Judges	Commissioners	TOTAL
Historic Courthouse	30	16	46
Safety Building	8	1	9
Criminal Justice Facility	1	2	3
Juvenile Justice Center	8	3	11
TOTAL	47	22	69

Facility	Chief Judge	Children's Division	Civil Division	Family Division	Criminal Division	TOTAL
Historic Courthouse	1		18	15	12	46
Safety Building					9	9
Criminal Justice Facility					3	3
Juvenile Justice Center		11				11
TOTAL	1	11	18	15	24	69

Tables D-3 through D-7 define the current number and sizes of litigation spaces (courtrooms and hearing rooms), jury deliberation rooms, and judicial chambers.

There are currently 71 litigation spaces for the 69 judicial officers, although one courtroom in the Historic Courthouse (Room 400) is

used primarily for calendar call of small claims cases. Of the 71 spaces, 54 are considered courtrooms, with a minimum size of 1,000 square feet. The average courtroom size is 1,682 NSF, with a range of 1,008 NSF in the Juvenile Justice Center to 2,915 NSF in the Safety Building.

Seventeen spaces are considered hearing rooms (less than 1,000 square feet). The hearing rooms average 368 NSF, with a range of 230 NSF in the Historic Courthouse to 659 NSF in the Juvenile Justice Center.

Of the 54 courtrooms, 45 have jury boxes (83%). There are 45 jury rooms. Jury room sizes average 378 NSF in the Historic Courthouse, 339 NSF in the Safety Building, 398 NSF in the Criminal Justice Facility, and 299 NSF in the Juvenile Justice Center.

Judicial chambers average 452 NSF in size. Chamber sizes vary widely, ranging from 166 NSF in the Safety Building to 720 NSF in the Historic Courthouse.

SPACE STANDARDS

The Consultant researched the Wisconsin Supreme Court standards related to the provision of court-related functions. These standards are summarized in Table D-8.

Supreme Court Rules (SCR) 68.10 and 68.11 call for a minimum jury courtroom size of 2,000 NSF, a minimum jury room size of 400 NSF, and a minimum judicial chamber size of 500 NSF.

**SECTION D: SPACE STANDARDS**

Of the 45 jury courtrooms, 8 rooms (18%) meet the minimum 2,000 NSF standard. Another 15 courtrooms (33%) exceed 1,900 NSF, and are close to meeting the standard. The remaining 22 courtrooms (49%) do not meet the standard, and suffer from varying degrees of functional deficiencies.

Ten jury rooms (22%) meet the recommended 400 NSF standard. Another 27 jury rooms (60%) exceed 300 NSF, and are considered acceptable in size. The remaining 8 jury rooms (18%) are considered marginal to inadequate in size.

Twenty of the 47 judges' chambers (43%) meet the recommended 500 NSF standard. Chambers on the lower floors of the Safety Building are the most inadequate in size.

Table D-9 presents recommended standards for the Milwaukee County Court System. Space standards are shown for litigation spaces, courtroom support spaces, detainee holding areas, offices, workstations, and conference rooms.

It is recommended that three sizes of courtrooms be developed in a new facility. The sizes are 3,000 NSF for a large, high-volume, ceremonial courtroom; 2,200 NSF for a standard, 14-person jury courtroom; and 1,600 NSF for a non-jury courtroom. Courtrooms in existing facilities should be evaluated on a case-by-case basis, but it is likely that the courtrooms in the Historic Courthouse and Juvenile Justice Center would continue to operate as currently designed.

It is also recommended that 1,000 NSF be considered a minimum hearing room size. Hearing rooms less than 800 square feet, and

particularly those less than 500 square feet, do not provide sufficient area to separate parties, provide adequate workspace and circulation, or promote the proper image and decorum. In particular, the 10 small Family Court hearing rooms on the 7<sup>th</sup> Floor of the Historic Courthouse should be eliminated, and hearings conducted in more appropriately-sized rooms.

**Table D-1**  
**DEFINITION OF SQUARE FOOTAGE TERMS AND GROSSING FACTORS**

***Net Square Feet (NSF)***

The unobstructed floor area required to perform a particular function or task. All major components are defined as net spaces including the public lobby, loading dock, and storage rooms.

***Departmental Gross Square Feet (DGSF)***

The total floor area for a particular department or component. This includes the net square footage (NSF) for each space plus:

- \* circulation to connect each space within the department
- \* thickness of interior walls and partitions
- \* building support columns located within the departmental area

*Corresponds to Occupiable Area*

***Mechanical/Electrical Factor (M/E)***

A mechanical factor is applied to the total departmental area in order to accommodate major mechanical and electrical systems.

***Building Gross Square Feet (BGSF)***

The total space required for a building. This includes the departmental gross square footage (DGSF) for each space plus:

- \* horizontal circulation including public corridors and corridors connecting departments
- \* vertical circulation including elevators, elevator shafts, elevator lobbies, ceremonial stairs, and fire stairs
- \* interior column supports not included in the DGSF
- \* mechanical / electrical / plumbing shafts and pipe chases
- \* public toilets / staff toilets
- \* janitors' closets
- \* the exterior skin of the building

**Table D-2  
FIRST JUDICIAL DISTRICT COURT ROSTER - JUDGES, 2015**

JUDGE	BRANCH	COURT	BUILDING	ROOM	TOTAL	JUDGE	BRANCH	COURT	BUILDING	ROOM	TOTAL
White	1	Chief Judge	HC	609/509	1	Witkowiak	22	Felony	HC	608	14
Sanders	28	Children's	JJC	1410	8	Rosa	35	Felony	HC	629	
Carroll	39	Children's	JJC	1411		Brash	21	Felony	HC	632	
Swanson	11	Children's	JJC	1422		Pocan	26	Felony	HC	634	
Dwyer	16	Children's	JJC	2410		Conen	30	Felony	HC	635	
Gramling Perez	32	Children's	JJC	2414		Rothstein (PJ)	25	Felony	CJF	G55A	
Feiss	46	Children's	JJC	2421		Ashley	33	Felony	SB	113	
Havas	45	Children's	JJC	2425		Stark	17	Felony	SB	310	
Triggiano (DCJ/PJ)	13	Children's	JJC	2500C		Cimpl	19	Felony	SB	313	
Borowski	12	Civil / Probate	HC	206	12	Konkol	44	Felony	SB	316	
Colon	18	Civil / Probate	HC	208		Brostrom	6	Felony	SB	423	
DiMotto	41	Civil	HC	401		Watts	15	Felony	SB	502	
Yamahiro	34	Civil	HC	402		Donald (DCJ)	2	Felony	SB	506	
Foley	14	Civil	HC	403		McAdams	7	Felony	SB	620	
Flanagan	4	Civil	HC	404		Dallet (PJ)	40	Misdemeanor / DV	HC	501	
Fiorenza	3	Civil / Small Claims	HC	409		Kremers	36	Misdemeanor / DV	HC	502	
Hansher	42	Civil	HC	412		Wagner	38	Misdemeanor / DV	HC	504	
Moroney	20	Civil	HC	413		Grady	23	Misdemeanor	HC	515	
Noonan	31	Civil	HC	414		Dee	37	Misdemeanor	HC	615	
Dugan (PJ)	10	Civil	HC	415		Protasiewicz	24	Misdemeanor	HC	622	
Sankovitz	29	Civil	HC	500		Siefert	47	Misdemeanor	HC	623	
Kuhnmuench	5	Family	HC	503	5	<i>The total number of Judges is 47. Distribution by location is as follows:                      Historic Courthouse 30; Criminal Justice Facility 1; Safety Building 8;                      Vel Phillips Juvenile Justice Center 8.</i>					47
Sosnay	8	Family	HC	512							
Van Grunsven	9	Family	HC	513							
Martens	27	Family	HC	514							
Murray (PJ)	43	Family	HC	702							

Note: Abbreviations indicate the following: Deputy Chief Judge (DCJ); Presiding Judge (PJ).

**Table D-2 (Continued)**  
**FIRST JUDICIAL DISTRICT COURT ROSTER - COMMISSIONERS, 2015**

COMMISSIONER	COURT	BUILDING	ROOM	TOTAL	COMMISSIONER	COURT	BUILDING	ROOM	TOTAL
Slagle (JCC)	Children's	JJC	1418	3	Grady (FCC)	Family	HC	707	10
Flynn (JCC)	Children's	JJC	2500A		Berrios-Schroeder (DFCC)	Family	HC	707	
Costello (JCC)	Children's	JJC	2500B		Jaskulski (AFCC)	Family	HC	707-M	
Barillas (JCC)	Civil / Small Claims	HC	400-AF	4	Kendrigan (AFCC)	Family	HC	711-T	
Cornwall (JCC)	Civil / Small Claims	HC	400-AK		Mishelow (AFCC)	Family	HC	707-J	
Kucharski (JCC)	Civil / Small Claims	HC	400-H		Pruhs (AFCC)	Family	HC	707-L	
Vosper (JCC)	Civil / Small Claims	HC	400-E		Rustad (AFCC)	Family	HC	711-M	
Phillips (JCC)	Criminal - Felony	CJF	146A	3	Sandoval (AFCC)	Family	HC	707-K	
Moore (JCC)	Criminal - Misdemeanor	CJF	137A		Sturm (AFCC)	Family	HC	712	
Sweet (JCC)	Criminal - Misdemeanor	SB	221		Zemel (AFCC)	Family	HC	711-H	
Dorsey (JCC)	Presiding Judicial Court Commissioner	HC	407	1	<i>The total number of Commissioners is 22. Distribution by location is as follows: Historic Courthouse 16; Criminal Justice Facility 2; Safety Building 1; Vel Phillips Juvenile Justice Center 3.</i>				22
Baker (PC)	Probate	BHD (A.M.)	1032	1					
		HC (P.M.)	408						

Note: (1) Abbreviations indicate the following: Judicial Court Commissioner (JCC); Probate Commissioner (PC); Family Court Commissioner (FCC); Deputy Family Court Commissioner (DFCC); Assistant Family Court Commissioner (AFCC). (2) The Probate Commissioner holds mental commitment hearings at the Behavioral Health Division during morning hours.

**Table D-3  
SUMMARY OF JUDICIAL OFFICERS' COURTROOMS AND HEARING ROOMS BY BUILDING**

JUDICIAL OFFICERS	HISTORIC COURTHOUSE		SAFETY BUILDING		CRIMINAL JUSTICE FACILITY		JUVENILE JUSTICE CENTER		TOTAL	
JUDGES	Judges	Rooms	Judges	Rooms	Judges	Rooms	Judges	Rooms	Judges	Rooms
<b>Chief Judge</b> <i>Reserve Courtroom (509)</i>	1	1	0	0	0	0	0	0	1	1
<b>Civil / Probate</b> <i>Civil/Probate</i>	2	2							2	2
<i>Civil</i>	10	10							10	10
<b>TOTAL</b>	12	12	0	0	0	0	0	0	12	12
<b>Criminal</b> <i>Felony</i>	5	5	8	8	1	1			14	14
<i>Misdemeanor</i>	4	4							4	4
<i>Misdemeanor/DV</i>	3	3							3	3
<b>TOTAL</b>	12	12	8	8	1	1	0	0	21	21
<b>Family</b>	5	5	0	0	0	0	0	0	5	5
<b>Children's</b>	0	0	0	0	0	0	8	8	8	8
<b>JUDGES' TOTAL</b>	30	30	8	8	1	1	8	8	47	47
COMMISSIONERS	Comm.	Rooms	Comm.	Rooms	Comm.	Rooms	Comm.	Rooms	Comm.	Rooms
<b>Probate</b>	1	1	0	0	0	0	0	0	1	1
<b>Civil / Small Claims</b> <i>Hearing Rooms</i>	4	4							4	4
<i>Small Claims (400)</i>	1	1							1	1
<b>TOTAL</b>	5	5	0	0	0	0	0	0	5	5
<b>Criminal</b>	0	0	1	1	2	2	0	0	3	3
<b>Family</b> <i>Hearing Rooms</i>	10	10							10	10
<i>Default Divorce (508)</i>	0	1							0	1
<i>Restraining Orders (712)</i>	0	1							0	1
<b>TOTAL</b>	10	12	0	0	0	0	0	0	10	12
<b>Children's</b>	0	0	0	0	0	0	3	3	3	3
<b>COMMISSIONERS' TOTAL</b>	16	18	1	1	2	2	3	3	22	24
<b>GRAND TOTAL</b>	46	48	9	9	3	3	11	11	69	71

Notes: (1) The Presiding Judicial Commissioner is shown with Civil/Small Claims although that person also fills in on criminal cases as well.

(2) Historic Courthouse Courtroom 400 is shown as a courtroom, although it is currently used primarily as an assembly room for Small Claims cases.

(3) The Family Court Commissioners use Courtrooms 508 and 712 to hear default divorce and restraining order cases, in addition to the 10 smaller hearing rooms.

**Table D-4  
EXISTING COURTROOMS AND HEARING ROOMS BY SIZE**

HISTORIC COURTHOUSE				SAFETY BUILDING		JUVENILE JUSTICE CENTER					
Courtroom #	NSF	Hearing Room #	NSF	Courtroom #	NSF	Courtroom #	NSF	Hearing Room #	NSF		
206	1,440	400-AF	418	113	1,915	1407	1,312	2500A	280		
208	1,440	400-AK	324	221	1,028	1411	1,008	2500B	280		
400	2,448	400-E	619	310	1,618	1418	1,008	2500C	659		
401	1,964	400-H	391	313	1,312	1422	1,312	<b>TOTAL</b>	<b>3</b>		
402	1,964	707-J	450	316	1,473	2410	1,008				
403	1,964	707-K	372	423	2,420	2414	1,008				
404	1,964	707-L	407	502	2,128	2421	1,008				
408	1,092	707-M	407	506	2,128	2425	1,008				
409	1,092	707-X	320	620	2,915	<b>TOTAL</b>	<b>8</b>				
412	1,964	711-F	241	<b>TOTAL</b>	<b>9</b>						
413	1,964	711-H	241	<b>AVERAGE</b>	<b>1,882</b>	<b>AVERAGE</b>	<b>1,084</b>	<b>AVERAGE</b>	<b>406</b>		
414	1,964	711-M	230	<b>Largest</b>	<b>2,915</b>	<b>Largest</b>	<b>1,312</b>	<b>Largest</b>	<b>659</b>		
415	1,964	711-N	230	<b>Smallest</b>	<b>1,028</b>	<b>Smallest</b>	<b>1,008</b>	<b>Smallest</b>	<b>280</b>		
500	2,448	711-T	390								
501	1,964	<b>TOTAL</b>	<b>14</b>	<b>CRIMINAL JUSTICE FACILITY</b>							
502	1,964			Courtroom #	NSF						
503	1,964			Prelim. Hearing	1,562						
504	1,694	<b>HEARING ROOMS</b>		Intake	1,661						
508	1,092	<b>AVERAGE</b>	<b>360</b>	High Security	2,128						
509	1,092	<b>Largest</b>	<b>619</b>	<b>TOTAL</b>	<b>3</b>						
512	1,732	<b>Smallest</b>	<b>230</b>								
513	1,964			<b>AVERAGE</b>	<b>1,784</b>	<b>ALL FACILITIES</b>					
514	1,964			<b>Largest</b>	<b>2,128</b>	<b>TOTAL</b>		<b>71</b>			
515	1,964	<b>COURTROOMS</b>		<b>Smallest</b>	<b>1,562</b>	<b>Courtrooms</b>		<b>54</b>			
608	2,173	<b>AVERAGE</b>	<b>1,761</b>	<b>DOWNTOWN FACILITIES</b>							
615	1,554	<b>Largest</b>	<b>2,448</b>	<b>TOTAL</b>	<b>60</b>	<b>Hearing Rooms</b>		<b>17</b>			
622	1,316	<b>Smallest</b>	<b>1,092</b>	<b>Courtrooms</b>	<b>46</b>	<b>Courtroom Average NSF</b>		<b>1,682</b>			
623	1,316			<b>Hearing Rooms</b>	<b>14</b>	<b>Hearing Room Average NSF</b>		<b>368</b>			
629	1,554					<b>Largest Room NSF</b>		<b>2,915</b>			
632	1,796	<b>ALL SPACES</b>		<b>Courtroom Avg.</b>	<b>1,786</b>	<b>Smallest Room NSF</b>		<b>230</b>			
634	1,796	<b>TOTAL</b>	<b>48</b>	<b>Largest Room</b>	<b>2,915</b>						
635	2,173			<b>Smallest Room</b>	<b>230</b>						
702	1,558	<b>Largest</b>	<b>2,448</b>								
712	1,558	<b>Smallest</b>	<b>230</b>								
<b>TOTAL</b>	<b>34</b>										

**Table D-5  
JURY ROOMS, JURY ROOM SIZES, AND ADA ACCESSIBILITY**

HISTORIC COURTHOUSE					SAFETY BUILDING				
Courtroom #	Jury Room NSF	Same Level	ADA Accessible		Courtroom #	Jury Room NSF	Same Level	ADA Accessible	
206	398			No	113	511	Yes	Yes	
208	398			No	310	322	Yes	Yes	
400	472			No	313	280	Yes	Yes	
401	360			No	316	259	Yes	Yes	
402	360			No	423	313	Yes	Yes	
403	360			No	502	371	Yes	Yes	
404	360			No	506	446	Yes	Yes	
408	332			No	620	210	Yes	Yes	
409	332			No	8	8	8	8	0
412	360			No	AVERAGE NSF: 339		100%	100%	0%
413	360			No	<b>CRIMINAL JUSTICE FACILITY</b>				
414	360			No	<b>Courtroom #</b>	<b>Jury Room NSF</b>	<b>Same Level</b>	<b>ADA Accessible</b>	
415	360			No	G55A	398	Yes	Yes	No
500	472			No	1	1	1	1	0
501	360			No	AVERAGE NSF: 398		100%	100%	0%
502	360			No	<b>JUVENILE JUSTICE CENTER</b>				
503	360			No	<b>Courtroom #</b>	<b>Jury Room NSF</b>	<b>Same Level</b>	<b>ADA Accessible</b>	
504	360			No	1050	304	Yes	Yes	No
508	332			No	1054	294	Yes	Yes	No
509	332			No	2	2	2	2	0
512	360			No	AVERAGE NSF: 299		100%	100%	0%
513	360			No	<b>SUMMARY</b>				
514	360			No	<b>Jury Courtrooms</b>	<b>Jury Rooms</b>	<b>Same Level</b>	<b>ADA Accessible</b>	
515	360			No				<b>Yes</b>	<b>No</b>
608	430	Yes	Yes		45	45	15	15	30
615	458			No			33%	33%	67%
622	290			No	AVERAGE NSF: 368				
623	290			No	<b>Total Courtrooms</b>		<b>Jury Courtrooms</b>	<b>Non-Jury Courtrooms</b>	
629	458			No	54	45	9		
632	265	Yes	Yes			83%		17%	
634	265	Yes	Yes						
635	409	Yes	Yes						
702	585			No					
712	585			No					
34	34	4	4	30					
AVERAGE NSF:		378	12%	12%	88%				

**Table D-6  
JUDICIAL CHAMBER SIZES**

HISTORIC COURTHOUSE			SAFETY BUILDING			JUVENILE JUSTICE CENTER		
Floor	Courtroom #	NSF	Floor	Courtroom #	NSF	Floor	Office #	NSF
2ND	206	600	1ST	113	173	MAIN	1614	305
	208	600	2ND	221	173 *		1616	289
4TH	401	720	3RD	310	166		1608	256
	402	720		313	219		1610	256
	403	720		316	216		1612	256
	404	720	4TH	423	314		1622	225
	408	340 *	5TH	502	510		1624	225
	409	340		506	476		1626	225
	412	720	6TH	620	264		<b>TOTAL</b>	<b>8</b>
	413	720	<b>TOTAL</b>	<b>9</b>			<b>AVERAGE</b>	<b>255</b>
414	720	<b>AVERAGE</b>	<b>279</b>		<b>Largest</b>	<b>305</b>		
415	720	<b>Largest</b>	<b>510</b>		<b>Smallest</b>	<b>225</b>		
5TH	500	619	<b>Smallest</b>	<b>166</b>		<b>ALL FACILITIES</b>		
	501	720	<b>CRIMINAL JUSTICE FACILITY</b>			<b>TOTAL</b>	<b>54</b>	
	502	720	Floor	Courtroom #	NSF	<b>Average NSF</b>	<b>452</b>	
	503	720	GROUND	Prel. Hearing	306 *	<b>Largest NSF</b>	<b>720</b>	
	504	720	1ST	Intake	312 *	<b>Smallest NSF</b>	<b>166</b>	
	508	340 *		High Security	364			
	509	340 *	<b>TOTAL</b>	<b>3</b>				
	512	720	<b>AVERAGE</b>	<b>327</b>				
513	720	<b>Largest</b>	<b>364</b>					
514	720	<b>Smallest</b>	<b>306</b>					
515	720	<b>DOWNTOWN FACILITIES</b>						
6TH	608	375	<b>TOTAL</b>	<b>46</b>				
	609	280	<b>AVERAGE</b>	<b>479</b>				
	615	280	<b>Largest</b>	<b>720</b>				
	622	317	<b>Smallest</b>	<b>166</b>				
	623	317						
	629	280						
	632	425						
	634	425						
635	375							
7TH	702	378	<b>TOTAL</b>	<b>34</b>				
	712	378 *	<b>AVERAGE</b>	<b>545</b>				
<b>TOTAL</b>		<b>34</b>	<b>Largest</b>	<b>720</b>				
<b>AVERAGE</b>		<b>545</b>	<b>Smallest</b>	<b>280</b>				
<b>Largest</b>		<b>720</b>						
<b>Smallest</b>		<b>280</b>						

Note: This table documents the judicial chamber offices associated with each courtroom. Offices used by commissioners, or as necessary by judges, are designated by an asterisk.

**Table D-7  
SUMMARY OF LITIGATION SPACES, JURY ROOMS, AND CHAMBERS**

SPACE	HISTORIC COURTHOUSE	SAFETY BUILDING	CRIMINAL JUSTICE FACILITY	JUVENILE JUSTICE CENTER	TOTAL
<b>LITIGATION SPACES</b>					
Courtrooms	34	9	3	8	54
Hearing Rooms	14	0	0	3	17
<b>TOTAL LITIGATION SPACES</b>	<b>48</b>	<b>9</b>	<b>3</b>	<b>11</b>	<b>71</b>
Average Courtroom NSF	1,761	1,882	1,784	1,084	1,682
Average Hearing Room NSF	360	--	--	406	368
Largest Courtroom	2,448	2,915	2,128	1,312	2,915
Smallest Courtroom	1,092	1,028	1,562	1,008	1,008
Largest Hearing Room	619	--	--	659	659
Smallest Hearing Room	230	--	--	280	230
<b>JURY ROOMS</b>					
<b>Total Courtrooms</b>	<b>34</b>	<b>9</b>	<b>3</b>	<b>8</b>	<b>54</b>
Number of Jury Courtrooms	34	8	1	2	45
Number of Jury Rooms	34	8	1	2	45
Jury Courtrooms to Total Courtrooms	100%	89%	33%	25%	83%
Jury Rooms to Jury Courtrooms	100%	100%	100%	100%	100%
Average Jury Room Size	378	339	398	299	368
Jury Rooms on Courtroom Level	4	8	1	2	15
Percentage on Same Level	12%	100%	100%	100%	33%
<b>COURTROOM CHAMBERS</b>					
<b>Total Chambers</b>	<b>34</b>	<b>9</b>	<b>3</b>	<b>8</b>	<b>54</b>
Average Chamber Size	545	279	327	255	452
Largest Chamber Size	720	510	364	305	720
Smallest Chamber Size	280	166	306	225	166

Note: Chambers shown include those associated with courtrooms. Not included in the totals are commissioner offices, although some hearing rooms also serve as commissioner offices. (2) Room 400 in the Historic Courthouse is considered to be a courtroom, although it is currently used for Small Claims Court assembly.

**Table D-8**  
**WISCONSIN SUPREME COURT STANDARDS**

**STANDARDS RELATED TO PROVISION OF SPACES AND SIZES OF SPACES**

**SUPREME COURT RULES (SCR) 68.10**

- (1) Each Circuit Court Judge should be provided with a separate courtroom.
- (2) The minimum ratio between jury and non-jury courtrooms for courts with more than 20 judges should be 60%-65%.
- (3) The size of a jury courtroom should be a minimum of **2,000** square feet. (Seating for at least 40 people at 24 inches per seat).
- (5e) One or more conference rooms at least **125** square feet in size should be in close proximity to each courtroom.
- (5j) For a jury courtroom, an adjacent jury deliberation room at least **400** square feet in size, exclusive of restrooms, should be provided.

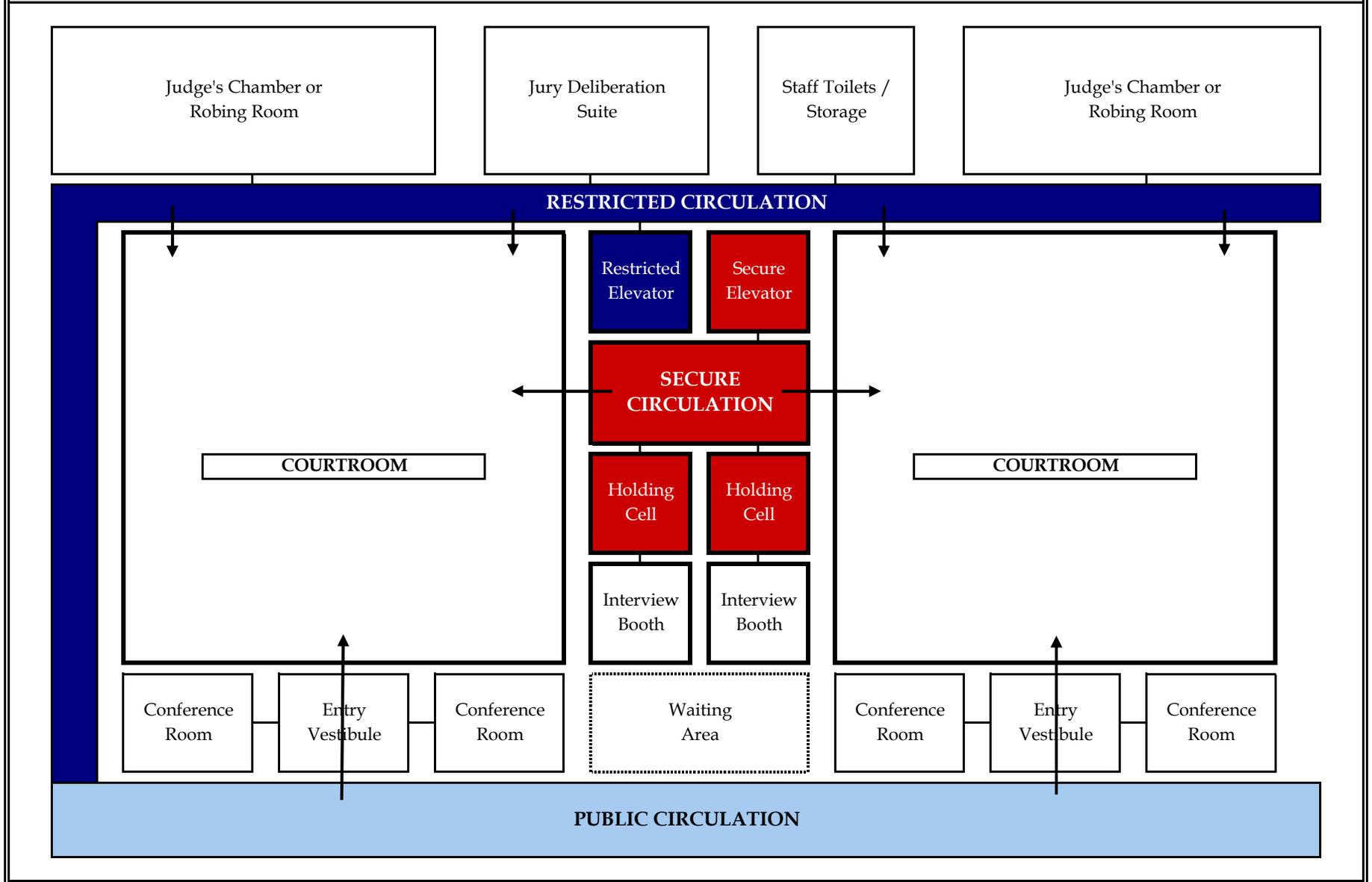
**SUPREME COURT RULES (SCR) 68.11**

- (1) An adequately sized jury assembly area should be provided.
- (2) Each judge should have a private chambers at least **500** square feet in size, with a private restroom (50 square feet).
- (5) Offices and hearing rooms of court commissioners should provide respect, privacy and function, and be designed to impress upon the public and the litigants, the fairness and dignity of the judicial system. (Comment: A uniform standard on size or features is not practicable).

**Table D-9  
RECOMMENDED SPACE STANDARDS**

Element	Optimal / New NSF	Element	Optimal / New NSF
<b>LITIGATION SPACES</b>		<b>OFFICE SPACES</b>	
Large Jury Courtroom (seats approximately 120)	3,000	Judge / Constitutional Officer	500-400
Standard Jury Courtroom (seats approximately 80)	2,200	Commissioner / Major Department Head	320
Non-Jury Courtroom (seats approximately 50)	1,600	Department Head	240
Hearing Room (seats approximately 10-20)	1,000-1,200	Assistant Department Head / Senior Manager	180
		Attorney / Supervisor / Mid-Manager	150
		Professional / Law Clerk / Probation Officer	120
<b>COURTROOM SUPPORT SPACES</b>		<b>WORKSTATIONS (OPEN LANDSCAPE)</b>	
Public Waiting Area	300	Extended Technical	80
Courtroom Entry Vestibule	80	Administrative Assistant / Clerical Supervisor	64
Attorney Conference Room	125-150	Clerical / Receptionist / Technical	48
Victim / Witness Waiting Room	125-150	Field Personnel / Data Entry / Volunteer	36
Jury Deliberation Room (14-/16-person)	400	Transaction Counter	21
Jury Deliberation Vestibule	60	Reception Counter	18
Toilet (12-person: 2 @ 50)	100	Counter Workstation	24
<b>DETAINEE HOLDING AREAS</b>		<b>CONFERENCE ROOMS</b>	
Central Holding Large Group Holding Cell	200	Seating for 2-4 persons	120
Central Holding Medium Group Holding Cell	100	Seating for 4-6 persons	150
Central Holding Segregation Holding Cell	50	Seating for 6-8 persons	180
Courtfloor Holding Cell	120	Seating for 8-10 persons	210
Interview Booth	60	Seating for 10-12 persons	240
Staging Area (per cell)	50	Seating for 12-14 persons	280
		Seating for 14-16 persons	320
		Seating for more than 16 persons	16-20 NSF/person

**Table D-10  
HYPOTHETICAL COURTROOM SET**



**SECTION E: COMPONENT EVALUATIONS**

SECTION E: COMPONENT ANALYSIS

SECTION E: COMPONENT ANALYSIS

This section presents the analysis of existing space conditions. Nearly all spaces within the judicial facilities were toured as part of the departmental interview process. Square footages were quantified for all components and for each facility. Color-coded floorplans which show the current location of each component were developed. These plans are presented in Appendix A.

All agencies and components were evaluated in terms of quantity and quality of space. The evaluation focused both on general overcrowding and on the operational functionality of the space. Spaces were scored on a 10-point scale, and based on the score received, were rated as Appropriate (9-10), Adequate (7-8), Marginal (5-6), Inadequate (3-4), or Inappropriate (1-2).

In addition, ratios of square footage per staff person were defined. These ratios were used to assist in the evaluation process and as benchmarks for projecting future space needs. The scoring and rating methodology identified the spaces most in need of improvement. Spaces scoring in the Inadequate or Inappropriate categories urgently require improvement.

OVERVIEW OF PROCESS AND METHODOLOGY

Table E-1 presents an overview of the component analysis process and methodology.

With respect to process, the Consultant conducted onsite visits with the various agencies and components. This process often

included multiple interviews. For instance, meetings were held with the Circuit Clerk and with each Assistant Chief Deputy Clerk overseeing the respective court divisions.

During the interviews, spaces were toured and photographed. The Consultant evaluated the space both spatially and operationally. The overall quantity of space was examined with respect to general overcrowding, general sizes of component spaces, and provision of the adequate number of spaces. In addition, the operational adequacy and quality of the space was examined with respect to functionality, security, circulation, accessibility, internal adjacencies, external proximity to other functions, and general effectiveness.

Each space was then assigned a score on a 10-point scale. Spaces scoring 9 or 10 were rated as Appropriate; spaces scoring 7 or 8 were rated as Adequate; spaces scoring 5 or 6 were rated as Marginal; spaces scoring 3 or 4 were rated as Inadequate; and spaces scoring 1 or 2 were rated as Inappropriate. These ratings have been color-coded from blue to red as a way to visually indicate the seriousness of the condition.

COMPONENT ANALYSIS

Table E-2 presents the component analysis for the Historic Courthouse. Table E-3 presents the analysis for the Safety Building. Table E-4 presents the analysis for the Juvenile Justice Center. A summary of all component scores and ratings is presented in Table E-5. Following is a summary of each facility:

SECTION E: COMPONENT ANALYSIS

**HISTORIC COURTHOUSE:** Functions in the Historic Courthouse averaged a score of 3.9 and a rating of Inadequate. The Criminal and Family Courts scored in the Inappropriate category. For the Criminal Courts, the condition of defendants in custody being moved through public hallways is a fundamental threat to public safety. This situation also detracts from an appropriate court image and potentially compromises the integrity of the judicial process. The Family Courts scored low due to the congested nature of the 7<sup>th</sup> Floor, and the exceptionally small hearing rooms. The Civil/Probate Courts scored higher, as these conditions do not impact these courts to the same extent. The Restraining Order Clinic rated as Inappropriate due to severely overcrowded conditions. Child Support Services and Jury Management were considered Inadequate. Court Administration, the Circuit Clerk, and the Law Library rated as Marginal. The Milwaukee Justice Center was considered Appropriate due to sufficient space and recent renovations.

**SAFETY BUILDING:** Functions in the Safety Building averaged a score of 2.8 and a rating of Inappropriate. With the exception of Court Administration, all components rated as either Inadequate or Inappropriate. This building suffers from the same mixed circulation issues, most office spaces are overcrowded or fragmented, and there are numerous physical problems with the building that affect operational efficiency and effectiveness. The building is very inefficiently designed and its original mixed use makes renovation of existing space very difficult. For instance, nearly 37,000 square feet is former jail space, which is vacant, and which would be very difficult to renovate effectively.

**JUVENILE JUSTICE CENTER:** Functions in the Juvenile Justice Center averaged a score of 5.0 and a rating of Marginal. It is very difficult for older facilities to score well when judged by modern standards. However, it should be noted that the Consultant believes the combined juvenile facilities function very well. Overall, these spaces are better spatially and operationally than those located downtown. Some renovation or expansion would be desirable to improve conditions, but there is not the urgency found in the primary court facilities.

**SQUARE FOOTAGE SUMMARY**

Table E-6 presents a summary of departmental and building gross square footages by building. The noted approximate building gross areas are as follows:

- Historic Courthouse: 718,000 square feet
- Safety Building: 413,000 square feet
- Juvenile Justice Center: 261,000 square feet

The approximate departmental gross areas by building are as follows:

- Historic Courthouse: 405,000 square feet
- Safety Building: 234,000 square feet
- Juvenile Justice Center: 168,000 square feet

**Table E-1  
COMPONENT ANALYSIS PROCESS AND METHODOLOGY**

**I. ANALYSIS PROCESS**

1. Primarily examines the quantity of space (*general overcrowding, general sizes of component spaces, adequate number of required spaces*)
2. Secondly examines operational adequacy and quality of space (*functionality, image, security, circulation, proximity to other essential functions, handicap accessibility, general effectiveness*)

**II. ANALYSIS METHODOLOGY**

<b>Rating:</b>	<b>Inappropriate</b>		<b>Inadequate</b>		<b>Marginal</b>		<b>Adequate</b>		<b>Appropriate</b>	
<b>Score:</b>	1	2	3	4	5	6	7	8	9	10

<u>Score</u>	<u>Rating</u>	<u>Definition</u>
9 - 10	Appropriate	Sufficient quantity of space; good configuration and layout; little, if any, expansion or renovation would be useful
7 - 8	Adequate	Quantity may be barely sufficient; configuration and flow are less than ideal; some renovation/expansion would enhance operations
5 - 6	Marginal	Lacks sufficient quantity of space, quality of space, or both; requires some renovation or expansion to achieve minimum recommended operating standards
3 - 4	Inadequate	Poor quantity and quality of space; too small; improper layout; urgently requires improvement
1 - 2	Inappropriate	Very overcrowded; numerous layout, security, or accessibility issues and space inefficiencies; considered fundamentally inappropriate for continued use

**Table E-2  
COMPONENT ANALYSIS:**

**HISTORIC COURTHOUSE**

Component	SQUARE FOOTAGE ANALYSIS				ANALYSIS OF EXISTING CONDITIONS									
	Total Courts (2015)	Approximate NSF/Court	Approximate NSF	Approximate DGSF	Inappropriate		Inadequate		Marginal		Adequate		Appropriate	
					1	2	3	4	5	6	7	8	9	10
<b>1. CIRCUIT COURT</b>	<b>45 Courts</b>	<b>3,086</b>	<b>138,859</b>	<b>180,517</b>				<b>4</b>						
<b>A. Courtrooms &amp; Support Spaces</b>	<b>45 Courts (29 judges / 16 commissioners)</b>													
<b>1. Civil/Probate Courts</b>	<b>18 Courts (12 judges / 6 commissioners)</b>								<b>5</b>					
<b>2. Criminal Courts</b>	<b>12 Courts (12 judges)</b>					<b>2</b>								
<b>3. Family Courts</b>	<b>15 Courts (5 judges / 10 commissioners)</b>					<b>2</b>								
<b>B. Chamber Areas</b>									<b>5</b>					

**Description:** The Wisconsin Circuit Courts are the State's trial courts. The State has been a single level trial court since 1978. Circuit Courts have original jurisdiction in all civil and criminal matters within the state, including probate, juvenile, and traffic matters, as well as civil and criminal jury trials. Juries typically consist of 12 persons plus alternates, although juries of 6 persons are allowed in certain casetypes. In 2015, there were 249 statewide Circuit judges in 72 counties. Milwaukee County is the largest jurisdiction with 47 judges. Judges are elected countywide to six-year terms in non-partisan elections. The Circuit Courts are funded with a combination of state and county money. State funds are used to pay the salaries of the judges, official court reporters, and reserve judges. By law, the counties are responsible for all other operating costs except those enumerated by statute.

The following section describes the current spatial and operational conditions of the Circuit Court judiciary and immediate staff in the Historic Courthouse. This space evaluation includes 30 Circuit Court judges and 16 commissioners.

**Location:** 2nd, 3rd, 4th, 4th Mezzanine, 5th, 5th Mezzanine, 6th, 6th Mezzanine, 7th, and 7th Mezzanine Floors

**A. Courtrooms & Support Spaces**

**1. Courtrooms**

**Spatial Adequacy:** The number of litigation spaces (courtrooms and hearing rooms) is adequate for the current number of judicial officers. In the Historic Courthouse, there are 48 litigation spaces (34 courtrooms and 14 hearing rooms) for 46 judicial officers (30 judges and 16 commissioners). Only 4 of the 34 courtrooms (12%) meet the Wisconsin Supreme Court standard of 2,000 square feet or more for a jury courtroom, although 14 others (41%) are very close (1,964 NSF). The smallest courtrooms are 1,092 NSF, which are only half the required size for a 12-person jury courtroom. The 14 hearing rooms average 360 NSF in size. Sizes range from 230 to 619 NSF. The hearing rooms are believed to be too small to provide appropriate separation of parties and security, and to meet the Supreme Court standard "to impress upon the public and the litigants the fairness and dignity of the judicial system." This is particularly true for the hearing rooms used by the Family Court commissioners on the 7th Floor, as these are potentially the most volatile of all casetypes. For comparison, JPA has recommended a minimum standard of 1,000 NSF for litigation spaces, which includes hearing rooms.

**Operational Adequacy:** *Circulation/Security:* In a properly designed courthouse, there are three separate circulation zones: public, restricted, and secure. The Historic Courthouse lacks these separate circulation zones. Judges, staff, jurors, detainees, and the public must all share the same hallways in order to access spaces. **Detainees being moved through public hallways is a fundamental threat to public safety. This situation also detracts from an appropriate court image and potentially compromises the integrity of the judicial process. For the Criminal Courts, movement of detainees through public zones is considered an inappropriate condition, which is reflected in the score. The Family Courts scored low due to the congested nature of the 7th Floor, and the exceptionally small hearing rooms. The Civil/Probate Courts scored higher as these conditions do not impact these courts to the same extent.**

**Table E-2 (Continued)**  
**COMPONENT ANALYSIS:**

**HISTORIC COURTHOUSE**

**1. CIRCUIT COURT (continued)**

**A. Courtrooms & Support Spaces**

**1. Courtrooms (continued)**

**Operational Adequacy:** *Configuration/ Access:* Most of the Historic Courthouse courtrooms are beautifully designed and are commensurate with the dignity and seriousness of the proceedings. As a 1930s era facility, the courtrooms have issues with respect to handicap accessibility, particularly to the witness stand, jury box, and judge's bench. Many of the courtrooms have small entry vestibules which do not meet handicap accessibility requirements, often necessitating that the outer doors be maintained in the open position. Most courtrooms have issues meeting modern technology requirements, particularly with respect to proper electrical capacity for computers and evidence presentation equipment. Proper lighting and sound can also be issues. Some of these issues can probably be ameliorated, but none of them rises to the same level of public safety as the circulation and security issues of the Criminal Courts.

**2. Support Spaces**

**Spatial Adequacy:** Courtrooms on the 2nd, 4th, and 5th Floors are served by 18' wide public hallways, which are generally adequate. The public hallway reduces to a 12' width on the 6th Floor, and it becomes congested. Ten Family Court hearing rooms on the 7th Floor are served by narrow 4' wide hallways, which is inappropriate. Most courtrooms have entry vestibules, although many are very small (4' x 6.5'). There is little provision for attorney/client conference rooms and victim/witness waiting rooms. Parties must typically confer in the hallway or in a stairwell outside the courtroom. Limited secure holding is provided in bullpen spaces on the 5th and 6th Floors, but detainees are moved through public hallways to access these spaces and courtrooms. There are 34 jury deliberation rooms for the 34 jury-capable courtrooms. The rooms are adequate in size, averaging about 378 square feet. Two jury room toilets are typically provided, some with multiple fixtures, although most do not meet ADA requirements.

**Operational Adequacy:** The hard surfaces and high ceilings in the 2nd, 4th, and 5th Floor courtroom hallways contribute to a noisy environment. The lighting in the public hallways seems dim, but could perhaps be remedied with different types of lamps. Only 4 of the 34 jury deliberation rooms (12%) are located on the same level as the courtrooms they serve. Other jury rooms can only be accessed by stairwell, which creates handicap accessibility issues.

**B. Chamber Areas**

**Spatial Adequacy:** The average judicial office is 545 net square feet, which meets the Wisconsin Supreme Court standard of 500 square feet. About half of the offices exceed the standard, while the other half are below. Commissioner offices vary in size. Some commissioners do not have private offices, but work out of their hearing rooms. Most chambers have space for a court reporter, but do not have space for a law clerk. The civil judicial law clerks are located on the 4th Floor Mezzanine. The Court Clerk / Judicial Assistant works in the courtroom full time. This is not believed to be ideal from space use and courtroom image perspectives, since the courtroom serves as both a litigation area and a reception area / office space.

**Operational Adequacy:** As previously mentioned with respect to the courtrooms, there are no private circulation zones in the courthouse. Judges must share elevators and hallways with public, attorneys, and litigants. This condition creates security, privacy, procedural, and image issues, and is unfixable in the building. Chambers are directly attached to the courtrooms, which offers both operational advantages and disadvantages, but this is not the way modern courthouse facilities are designed. Modern facilities segregate the courtrooms from the chambers in order to facilitate flexible use and assignment of the courtrooms, and to provide additional privacy and security for the chamber spaces.

**Table E-2 (Continued)  
COMPONENT ANALYSIS:**

**HISTORIC COURTHOUSE**

Component	SQUARE FOOTAGE ANALYSIS				ANALYSIS OF EXISTING CONDITIONS									
	Total Staff (2015)	Approximate NSF/Person	Approximate NSF	Approximate DGSE	Inappropriate		Inadequate		Marginal		Adequate		Appropriate	
					1	2	3	4	5	6	7	8	9	10
<b>2. COURT ADMINISTRATION</b>	7	656	4,593	5,971					5					

**Description:** This component represents the Chief Judge's Office and District Court Administration. Staff in the Historic Courthouse are located on the 4th Floor Mezzanine (Court Reporting Services) and on the 6th Floor.

The state's 72 counties are grouped into 10 judicial administrative districts. Milwaukee County constitutes the First Judicial District. In each district, there is a Chief Judge appointed by the Supreme Court. The Chief Judge, who may serve up to three consecutive two-year terms, supervises and directs the administration of the district. Each Chief Judge appoints a Deputy Chief Judge to act in the event of his or her absence or unavailability. A District Court Administrator assists the Chief Judge. The Court Administrator works with the Chief Judge on policy issues, case management, judge rotations, certification of case statistics, management of court reporters, and facilities management, in addition to serving on statewide committees.

**Location:** 4th Floor Mezzanine, 6th Floor

**Spatial Adequacy:** The staff total includes the Chief Judge, Receptionist, Executive Assistant, and Clerk, plus 3 District Court Administration staff on the 6th Floor, and 2 Court Reporting Services staff on the 4th Floor Mezzanine. Other Court Coordinators are located in the Safety Building and at the Juvenile Justice Center. Staff spaces are generally adequate, with the exception of the Chief Judge's Office, which at 280 NSF is well below standards, and the Chief Judge's Clerk's workstation. Support spaces are marginally adequate. The single, large conference room is frequently scheduled, and one or two additional smaller conference rooms would be beneficial.

**Operational Adequacy:** The 6th Floor location works well, and the adjacency between the Chief Judge and District Court Administrator is ideal. The Court Coordinators located in the Safety Building deal primarily with the Criminal Divisions, which works well based on current court assignments. However, these staff, as well as the Court Reporting Services staff located on the 4th Floor Mezzanine, could be consolidated with the main office to improve supervision and coordination. Most visitors to the office are staff, although approximately 30 indigent persons appear per day to get waivers for restraining order fees, which requires the Chief Judge's signature. Wall panels are thin, which creates privacy and concentration issues between staff. Conversations can be easily overheard, and can be disruptive to the work environment. In addition, gulls nest in the lightwells, often creating noise problems.

<b>3. CIRCUIT CLERK</b>	97	262	25,420	33,046					5					
<b>A. Administration</b>	5	549	2,747	3,571						6				
<b>B. Civil/ Family</b>	72	165	11,915	15,490			4							
<b>C. Probate</b>	18	520	9,367	12,177					5					
<b>D. Judicial Information Systems</b>	2	695	1,391	1,808							7			

**Description:** The Clerk of the Circuit Court is the official keeper of records for all state matters brought in the Circuit Court of Milwaukee County. The office includes the Children's Division, Civil Division, Family Division, Criminal & Traffic Division, Probate Division, and Jury Management. The Clerk also serves as the Register of Probate, and is countywide elected for four-year terms.

**Table E-2 (Continued)  
COMPONENT ANALYSIS:**

**HISTORIC COURTHOUSE**

**3. CIRCUIT CLERK (continued)**

**A. Administration**

**Location:** 1st Floor

**Spatial Adequacy:** Administration staff include the Clerk, Chief Deputy, Assistant Chief Deputy, Human Resources Manager, and Receptionist.

Office spaces are generally adequate. The Clerk's private office is slightly below recommended standards. The space includes a large conference room which is frequently scheduled. Human Resources would like a large training area for Deputy Clerks.

**Operational Adequacy:** Administration is collocated with the Civil / Family Divisions. Greater separation and privacy would be preferred. The public counter lobby area can become very noisy due to the high ceiling and hard surfaces.

**B. Civil / Family**

**Description:** These divisions process large claims, small claims, injunctions, harrassments, name changes, birth certificate changes, and family cases (divorce, post-judgment, and paternity).

**Location:** Ground Floor, 1st Floor, 1st Floor Mezzanine, 4th Floor

**Spatial Adequacy:** The overall quantity of space is generally tight. The public counter area can become crowded. Many workstations are below recommended standards. Some file shelving on the 1st Floor Mezzanine was eliminated in order to accommodate staff cubicles. This office could use additional staff restrooms based on the number of staff positions.

**Operational Adequacy:** The office is split over four floors, which reduces efficiency and supervision. It is difficult to properly group units together. According to staff, the staff elevator breaks down frequently. Noise is a major issue, due to the high ceilings and hard surfaces in the public reception area. It is often hard for cashiers to hear customers, and noise travels into other staff spaces. The public counter configuration does not work particularly well.

**C. Probate**

**Description:** This division manages probate functions, including wills, trusts, mental commitments, and guardianships.

**Location:** 2nd Floor, 2nd Floor Mezzanine

**Spatial Adequacy:** The quantity of space is generally adequate. Ideally, there would be private offices for the Accountant and Mental Health Clerk, who currently work out of workstations. Building columns sometimes impinge on circulation and workstation layouts. The 2nd Floor file room could be larger, but space is available on the 2nd Floor Mezzanine for files.

**Operational Adequacy:** The location works well, including the current connection with Probate courtrooms. Staff would like some separation from the public at the counter area. This office averages about 30 public walk-ins per day.

**D. Judicial Information Systems**

**Description:** JIS provides Information Technology services for the Circuit Court Clerk's Office components and the Mental Health Complex courtroom.

**Location:** 1st Floor Mezzanine

**Spatial Adequacy:** JIS has an adequate amount of space to accommodate current needs. Staff work spaces are appropriately sized. There is generally enough room to work on computer equipment as needed. The server room has adequate square footage to accommodate the required number of server racks and other essential equipment. The amount of available storage space is acceptable but could be increased.

**Operational Adequacy:** The location of the Manager's office near the server room is beneficial. One IT Tech staff person is located in the Milwaukee Justice Center, and one position is vacant; however, these staff could probably be accommodated in existing JIS space if necessary. The overall configuration of this space is not ideal. Access to some storage space through a half-height doorway is awkward, and there are some areas with very low ceiling heights. The mezzanine level location makes ADA accessibility a concern.

**Table E-2 (Continued)  
COMPONENT ANALYSIS:**

**HISTORIC COURTHOUSE**

Component	SQUARE FOOTAGE ANALYSIS				ANALYSIS OF EXISTING CONDITIONS									
	Total Staff (2015)	Approximate NSF/Person	Approximate NSF	Approximate DGSF	Inappropriate		Inadequate		Marginal		Adequate		Appropriate	
					1	2	3	4	5	6	7	8	9	10
<b>4. CHILD SUPPORT SERVICES</b>	145	142	20,654	26,850				4						
<p><b>Description:</b> The Department of Child Support Services works to ensure that all children in the County are supported by both parents whenever possible. The Department locates absent parents, oversees genetic testing to establish paternity, and obtains and enforces child support orders. Child Support Services also accepts, tracks, and disburses child support payments.</p> <p><b>Location:</b> Ground Floor, 1st Floor, 1st Floor Mezzanine, 7th Floor</p> <p><b>Spatial Adequacy:</b> The overall quantity of space is marginal. Public queuing space on the 1st Floor is insufficient for the number of public visitors to this office, which can total 400 in one day. Staff work spaces are generally of adequate size, but additional private offices are required for some staff who are currently in workstations. Increased circulation in the 1st Floor space would be beneficial, as well as more file and storage space. Areas on other floors are typically sufficient for existing needs. Available conference space is minimal.</p> <p><b>Operational Adequacy:</b> The separation of this department's five divisions is problematic. The 1st Floor location of the primary public component is appropriate. Security measures are suitable. Adjacency to the Genetic Testing Room is ideal, but the configuration of public entrances causes congestion. Improved layout and collocation of spaces would greatly enhance customer service capabilities, as well as staff efficiency.</p>														
<b>5. JURY MANAGEMENT</b>	6	665	3,988	5,184			3							
<p><b>Description:</b> Jury Management provides the Circuit Courts with jurors for trials on children's, civil, criminal, and traffic cases. Approximately 1,500 jury summons are sent to County citizens per week, with about 300 potential jurors reporting. Nearly 600 jury trials are conducted per year.</p> <p><b>Location:</b> 1st Floor</p> <p><b>Spatial Adequacy:</b> The quantity of space allocated for this agency is inadequate. Public queuing and check-in areas are too small. Staff work spaces are below recommended minimum sizes. Juror waiting areas are cramped. The size of the auditorium used for jury assembly is marginal. The amount of storage space is insufficient. Additional square footage for circulation is needed in both staff and public areas.</p> <p><b>Operational Adequacy:</b> The 1st Floor location is beneficial for the public, but closer proximity to the criminal courts would be helpful, since the majority of jury trials involve criminal cases. Overall, the space is not well laid out. The check-in area gets loud and staff have no privacy. The Jury Manager's office is inappropriately located and is triangular in shape. The auditorium contains multiple columns throughout the room and seating is uncomfortable for jurors. Jurors have a long walk from this space to the courtrooms, particularly to those in the Safety Building, and movement back and forth is difficult for mobility-impaired jurors.</p>														
<b>6. LAW LIBRARY</b>	3	549	1,647	2,141					5					
<p><b>Description:</b> The Law Library serves the public, court staff, and attorneys, and provides access to and assistance with both online and printed legal research materials. Staff are also responsible for maintaining judges' materials. The Law Library receives about 800 visitors per week.</p> <p><b>Location:</b> Ground Floor</p> <p><b>Spatial Adequacy:</b> The Law Library is slightly undersized. The front counter area is somewhat cramped and contains a large column. The Librarian's office is adequately sized but oddly configured. Storage space is insufficient. The stack area is fairly compact, and space for work tables is limited. There is a separate workroom for attorneys, but no space for small private meetings. A children's area would be beneficial.</p> <p><b>Operational Adequacy:</b> The Ground Floor location is ideal, and proximity to the Milwaukee Justice Center is helpful. The entrance and counter areas can become congested. The column at the counter greatly hinders visibility and efficiency. The Librarian's office is also used for storage, and as a workroom and staff break area. Additional space for mixed seating and work carrels is desired.</p>														

**Table E-2 (Continued)  
COMPONENT ANALYSIS:**

**HISTORIC COURTHOUSE**

Component	SQUARE FOOTAGE ANALYSIS				ANALYSIS OF EXISTING CONDITIONS										
	Total Staff (2015)	Approximate NSF/Person	Approximate NSF	Approximate DGSE	Inappropriate		Inadequate		Marginal		Adequate		Appropriate		
					1	2	3	4	5	6	7	8	9	10	
<b>7. MILWAUKEE JUSTICE CENTER</b>	6	551	3,307	4,299										9	
<p><b>Description:</b> The MJC is a coordinated effort of the County, the Milwaukee Bar Association, and the Marquette University Law School. It provides the public with assistance in completing self-help Family Law forms, and offers brief legal advice and referral service clinics for non-criminal matters. The MJC also operates a mobile legal clinic in the community. Services were provided to nearly 10,000 clients in 2014.</p> <p><b>Location:</b> Ground Floor</p> <p><b>Spatial Adequacy:</b> The overall quantity of space is adequate. Public reception and waiting areas are suitable. Staff work spaces meet or exceed minimum recommended size standards. Clinic space is adequately sized and configured to accommodate public visitors. A staff workroom, staff conference room, and public conference room with a children's area are included. Slightly more storage / file space would be beneficial.</p> <p><b>Operational Adequacy:</b> The Ground Floor location is appropriate, and proximity to the Law Library is helpful for both public and staff. Separate reception and waiting areas enhance security. The agency's layout allows for staff supervision while providing some privacy for clients. The space is quiet and works well for the nature of services provided. This space was renovated in 2014 and meets the current needs of the MJC.</p>															
<b>8. RESTRAINING ORDER CLINIC</b>	8	43	342	444		2									
<p><b>Description:</b> The Restraining Order Clinic assists victims of domestic violence with filing restraining orders, and provides other victims' services and safety planning. All restraining orders for the County are filed here, including those for the City of Milwaukee. Approximately 5,000 restraining orders are filed per year. The Clinic is staffed by advocates from the Sojourner Family Peace Center.</p> <p><b>Location:</b> 7th Floor</p> <p><b>Spatial Adequacy:</b> This agency is substantially undersized. There are no proper reception or waiting areas. Staff work areas are crowded and there is very little room for circulation. The Supervisor's office is well below the minimum recommended size. Lack of space requires rooms to be shared for victim interviews, staff work space, files, and storage.</p> <p><b>Operational Adequacy:</b> The lack of separation between public and private areas is a security concern, especially with the Clinic's proximity to the injunction courtroom. Clients must sometimes wait in the public hallway, which is inappropriate. Adjacency to the Family Court commissioners is ideal. The absence of dedicated interview space presents privacy and comfort issues for victims. The space is too small to function appropriately, and the environment does not reflect the agency's philosophy.</p>															
<b>9. SUPPORT SPACES</b>	-	-	810	1,053					5						
<p><b>Description:</b> This component includes various workroom spaces for the District Attorney, Probation Intake, Domestic Violence Intake, and the Sojourner Family Peace Center.</p> <p><b>Location:</b> 5th Floor, 6th Floor</p> <p><b>Spatial Adequacy:</b> All spaces could benefit from additional area. The victim waiting space is crowded, as it serves both Domestic Violence and Criminal Courts. The Public Defender lacks workroom space in the Historic Courthouse, which would be helpful.</p> <p><b>Operational Adequacy:</b> These types of spaces improve staff efficiency and aid in serving the public and the Courts. Better quality space is desirable.</p>															

**Table E-3  
COMPONENT ANALYSIS:**

**SAFETY BUILDING**

Component	SQUARE FOOTAGE ANALYSIS				ANALYSIS OF EXISTING CONDITIONS											
	Total Courts (2015)	Approximate NSF/Court	Approximate NSF	Approximate DGSF	Inappropriate		Inadequate		Marginal		Adequate		Appropriate			
					1	2	3	4	5	6	7	8	9	10		
10. CIRCUIT COURT	9 Courts	3,330	29,968	38,958		2										
A. Courtrooms & Support Spaces	9 Courts (8 judges / 1 commissioner)															
1. Criminal Courts						2										
B. Chamber Areas							3									

**Description:** The following section describes the current spatial and operational conditions of the Circuit Court judiciary and immediate staff in the Safety Building. This space evaluation includes 8 Circuit Court judges and 1 commissioner.

**Location:** 1st, 2nd, 3rd, 4th, 5th, and 6th Floors

**A. Courtrooms & Support Spaces**  
**1. Courtrooms**

**Spatial Adequacy:** The number of litigation spaces (courtrooms and hearing rooms) is adequate for the current number of judicial officers. In the Safety Building, there are 9 litigation spaces for 9 judicial officers (8 judges and 1 commissioner). Eight of the nine courtrooms are jury courtrooms, with the ninth courtroom / hearing room used by the commissioner for traffic court. Four of the eight jury courtrooms (50%) meet the Wisconsin Supreme Court standard of 2,000 square feet or more for a jury courtroom. Three jury courtrooms are exceptionally undersized (1,300 to 1,600 NSF).

**Operational Adequacy: Circulation/Security:** As described in the Historic Courthouse evaluation, in a properly designed courthouse, there are three separate circulation zones: public, restricted, and secure. The Safety Building lacks these separate circulation zones. The Sheriff's Office has the ability to transport detainees vertically in the building through three elevators that are separate from the public elevators. However, judges, staff, jurors, detainees, and the public still must share the main hallways in order to access courtrooms and other operational spaces. **This situation creates a fundamental threat to public safety and potentially compromises the judicial process. As with the Criminal Courts in the Historic Courthouse, this is a fundamentally inappropriate condition which is reflected in the score.**

**Configuration/Access:** The Safety Building courtrooms lack the design quality and imagery of the Historic Courthouse courtrooms, but are still generally functional. The larger courtrooms on the 1st, 4th, 5th, and 6th Floors work better than the three smaller courtrooms on the 3rd Floor. All courtrooms have issues with respect to handicap accessibility, particularly to the witness stand, jury box, and judge's bench. The largest courtrooms lack entry vestibules, which contributes to noise pollution from the hallways. Most courtrooms have issues meeting modern technology requirements, particularly with respect to proper electrical capacity for computers and evidence presentation equipment. Proper lighting and sound can also be issues.

**Table E-3 (Continued)**  
**COMPONENT ANALYSIS:**

**SAFETY BUILDING**

**10. CIRCUIT COURT (continued)**

**A. Courtrooms & Support Spaces**

**2. Support Spaces**

**Spatial Adequacy:** Courtrooms are served by 9.5' wide public hallways, which are inadequate for volume, since they also serve as public waiting areas. Courtrooms either lack entry vestibules, or the vestibules tend to be very small. There is little provision for attorney / client conference rooms. Parties must typically confer in hallways or in stairwells outside the courtrooms. The DA has a victim / witness waiting area on the 4th Floor, but such rooms are not available near courtrooms. Distributed prisoner holding areas are better in this building than in the Historic Courthouse, but those areas are often located within or adjacent to judicial chamber spaces. There are 8 jury deliberation rooms for the 8 jury-capable courtrooms. The rooms vary in size, but tend to be too small, with three rooms at 280 NSF or less. On the 3rd Floor, jurors must cross the public hallway to access the deliberation room.

**Operational Adequacy:** The small public hallways create congestion and increase tension among litigants. Inappropriate zoning is the chief concern.

**B. Chamber Areas**

**Spatial Adequacy:** The average judicial office is 289 net square feet, which is well below the Wisconsin Supreme Court standard of 500 square feet. Only one office meets the standard. Most chambers have space for a court reporter, but do not have space for a law clerk or court clerk. The Court Clerk / Judicial Assistant works in the courtroom full time. This is not believed to be ideal from space use and courtroom image perspectives, since the courtroom serves as both a litigation area and a reception area / office space.

**Operational Adequacy:** As previously mentioned with respect to the courtrooms, there are no private circulation zones in the Safety Building. Judges must share elevators and hallways with public, attorneys, and litigants. This condition creates security, privacy, procedural, and image issues, and is unfixable in the building. Chambers are directly attached to the courtrooms, which offers both operational advantages and disadvantages, but this is not the way modern courthouse facilities are designed. Modern facilities segregate the courtrooms from the chambers in order to facilitate flexible use and assignment of the courtrooms, and to provide additional privacy and security for the chamber spaces.

**C. Physical Conditions**

There are a number of design and physical conditions that negatively impact the Safety Building, its occupants, and visitors. Clear public orientation is an issue. Persons coming from the 1st Floor of the Historic Courthouse arrive on the 3rd Floor of the Safety Building. The looping circulation path, combined with multiple public elevator locations, makes for difficult public wayfinding.

The Safety Building also lacks the quality and maintenance condition of the Historic Courthouse. Concerns noted by staff include poor air quality, poor water quality, poor heating and cooling, electrical issues, and pest issues. This evaluation system focuses primarily on spatial and operational adequacies, but for the Safety Building, some of the physical conditions must be considered as well. Physical conditions will be examined in more detail during the engineering assessment.

**Table E-3 (Continued)  
COMPONENT ANALYSIS:**

**SAFETY BUILDING**

Component	SQUARE FOOTAGE ANALYSIS				ANALYSIS OF EXISTING CONDITIONS									
	Total Staff (2015)	Approximate NSF/Person	Approximate NSF	Approximate DGSF	Inappropriate		Inadequate		Marginal		Adequate		Appropriate	
					1	2	3	4	5	6	7	8	9	10
11. COURT ADMINISTRATION	6	529	3,174	4,126						6				

**Description:** The Judicial Operations Manager / Pretrial Coordinator oversees all contracts with private agencies which provide Pretrial Services, and monitors the performance of these agencies. Court Coordinator staff provide specialized assistance for felony court, intake court, and interpreter services.

**Location:** 3rd Floor

**Spatial Adequacy:** The general quantity of space allocated for this office is generous, but the configuration is not ideal. There is a significant amount of wasted space in the entrance and circulation areas, while some of the staff work spaces are smaller than the recommended sizes. Excess equipment and much of the court videoconferencing equipment are stored here since space is available.

**Operational Adequacy:** The current location is adequate. Convenient access to the Pretrial Services agencies (JusticePoint and WCS) is beneficial due to the frequency of interaction with those staff. Jurors must come through this space to access the adjacent jury room, which is problematic. The layout of this office could be improved, but overall the space works sufficiently.

12. CIRCUIT CLERK														
A. Criminal/Traffic	76	135	10,251	13,326		2								

**Description:** The Criminal / Traffic Division of the Circuit Clerk's Office processes criminal and forfeiture cases for the County as well as traffic cases for the Milwaukee County Sheriff's Office, Marquette University, and the State Highway Patrol. This Division also collects fines, takes in search warrants, and processes jury trials and appeal requests from Municipal Courts throughout the County.

**Location:** 1st, 2nd, 4th, 5th Mezzanine, and 6th Floors

**Spatial Adequacy:** There are six public counters (2 customer service, 2 cashier, 1 appeals, and 1 reception), which is inadequate. The amount of public space for queuing, waiting, and file viewing is insufficient. Staff space is severely overcrowded. Staff generally operate out of open workstations with no privacy panels. Courtroom clerks operate out of courtrooms, with no space within the main office. Floater / unassigned clerks lack desks, and lockers are used to provide these staff with private storage space. Two years of active files are maintained in the main office space. The ability to store a few more years of files here is desired. The Clerk's Office is working towards more e-filing and greater use of electronic file storage, which should help reduce space need. This division lacks a much needed conference room. The break room is small and poorly configured, with an internally accessed toilet.

**Operational Adequacy:** The location of Criminal Courts in three different buildings creates issues for public and staff. Public space is inappropriate. Customers must queue in the main public hallway on the 1st Floor. This arrangement can create a congested environment, with little privacy or confidentiality. Public must come into staff space to view files, which creates privacy and security concerns. Staff workspaces are too dense. File and evidence storage rooms are distributed throughout the Safety Building, which is a control and security problem. Accessibility to many of these rooms is an issue. The evidence rooms lack proper environmental (climate and temperature) control. Evidence can become compromised, particularly photographs and paper documents. Ideally, all file and evidence rooms would be located in a secure area, rather than adjacent to public corridors.

**Table E-3 (Continued)  
COMPONENT ANALYSIS:**

**SAFETY BUILDING**

Component	SQUARE FOOTAGE ANALYSIS				ANALYSIS OF EXISTING CONDITIONS									
	Total Staff (2015)	Approximate NSF/Person	Approximate NSF	Approximate DGSF	Inappropriate		Inadequate		Marginal		Adequate		Appropriate	
					1	2	3	4	5	6	7	8	9	10
<b>13. DISTRICT ATTORNEY</b>	174	176	30,628	39,816		2								
<p><b>Description:</b> The District Attorney's Office is responsible for the prosecution of all criminal cases in Milwaukee County. The office includes a number of specialized units for offenses involving homicides, drug violations, sexual assaults, white collar crimes, domestic violence, and consumer fraud. The District Attorney is an elected position, serving four-year terms. Staff and space totals shown in this section do not include functions located at the Criminal Justice Facility, Historic Courthouse, or Juvenile Justice Center. There are also community prosecution units located at various police stations (9 staff).</p> <p><b>Location:</b> 2nd, 4th, 5th, and 6th Floors</p> <p><b>Spatial Adequacy:</b> The layout of District Attorney space within the Safety Building is fairly idiosyncratic. Some of the offices in the administrative area on the 4th Floor are generously sized. However, offices on other floors, particularly the 6th Floor, are well below recommended standards. Many attorney offices are below 100 NSF, including some that are approximately 70 NSF in size. Due to the much larger number of trial attorneys to administrative staff, greater weight in the scoring is given to the undersized components. The office lacks sufficient conferencing and trial preparation spaces.</p> <p><b>Operational Adequacy:</b> The primary issue is the fragmentation of staff over numerous floors, in various locations. Ideally, many units would be collocated. For instance, the Homicide Unit (6th Floor) should be adjacent to the Violent Crimes Unit (2nd Floor). As with the Sheriff's Office, this agency could benefit from a redistribution of staff and space by floor, although the Safety Building itself has inherent physical condition issues that are not conducive to a positive working environment.</p>														
<b>14. SHERIFF'S OFFICE</b>	180	215	38,726	50,344				4						
<p><b>Description:</b> The Sheriff's Office is responsible for the detention of inmates at the Criminal Justice Facility, as well as prisoner transport, courthouse security, civil process, criminal investigation, and patrol. The Sheriff is elected to four-year terms. The Safety Building components include Administration, Central Records, and Civil Process on the 1st Floor; Investigations, Analytics, Fiscal, and Explorers on the 2nd and 5th Floors; Dispatch and Internal Affairs on the 3rd Floor; and roll call and locker rooms on the Ground Floor. The Gymnasium is used primarily by the Sheriff's Office, but is considered a shared use space, and not counted as part of the Sheriff's total area. Staff and space totals shown in this section also do not include functions located in the Criminal Justice Facility, Historic Courthouse, Juvenile Justice Center, or at satellite locations (Patrol - Watertown Plank Road; Airport - General Mitchell Airport; Training - Franklin).</p> <p><b>Location:</b> Ground, 1st, 2nd, 3rd, and 5th Floors</p> <p><b>Spatial Adequacy:</b> The Sheriff's Office has experienced a reduction in staff in recent years. This condition has helped with respect to the quantity of space per staff. However, some spaces are still overcrowded, with offices and workstations below recommended standards. The Dispatch / Emergency Operations Center area could be improved in both quantity and quality of space. Court security constitutes the largest proportion of staff. Although these officers are mainly mobile, the amount of work and support space provided is marginal.</p> <p><b>Operational Adequacy:</b> The primary operational issue is the distribution of staff over multiple floors, in multiple locations. The design of the Safety Building creates "pockets" of available area, typically divided by the central public corridor on all floors. The separation of staff creates supervisory issues, and hinders the flexible use of staff, resources, and space.</p>														

**Table E-3 (Continued)  
COMPONENT ANALYSIS:**

**SAFETY BUILDING**

Component	SQUARE FOOTAGE ANALYSIS				ANALYSIS OF EXISTING CONDITIONS									
	Total Staff (2015)	Approximate NSF/Person	Approximate NSF	Approximate DGSF	Inappropriate		Inadequate		Marginal		Adequate		Appropriate	
					1	2	3	4	5	6	7	8	9	10
<b>15. JUSTICEPOINT PRETRIAL</b>	42	171	7,198	9,357			3							
<p><b>Description:</b> JusticePoint is a private agency which is contracted by the County to provide pretrial services. Staff conduct pretrial investigations of approximately 18,000 arrestees per year, and provide supervision and case management for over 1,000 defendants at a time. JusticePoint also provides Drug Treatment Court coordination and case management, as well as therapy and recovery support services.</p> <p><b>Location:</b> 2nd and 4th Floors</p> <p><b>Spatial Adequacy:</b> The overall amount of space is inadequate. The 4th Floor waiting area is shared with WCS Drug Testing, and is not large enough to serve both. Staff work spaces are below recommended minimum sizes. There is no meeting space for client groups on the 4th Floor. File and storage spaces are insufficient. Conference space on the 2nd Floor is adequate for staff meetings and client group sessions.</p> <p><b>Operational Adequacy:</b> The separation between floors creates supervisory issues and inefficiencies for both staff and clients. Waiting areas get crowded, and the space is loud. There is no privacy for clients during interviews. There are frequent heating and electrical issues, and the overall quality of the space is poor. Portions of this space originally served as booking and detention areas. This contributes to an unpleasant work atmosphere for staff, and is suggestive of a punitive environment, rather than reflecting the nature and goals of pretrial services.</p>														
<b>16. WCS PRETRIAL SERVICES</b>	11	124	1,362	1,771				4						
<b>A. Drug Testing</b>	3					2								
<b>B. OWI Program</b>	8									6				
<p><b>Description:</b> Wisconsin Community Services is a private agency which is contracted by the County to provide pretrial services. The Drug Testing Lab provides specimen collection and screening for pretrial service clients in both JusticePoint and WCS programs. The OWI Program provides supervision, case management, and alcohol monitoring for defendants arrested for a second or more Operating While Intoxicated citation. The program serves approximately 250 - 300 clients at a time.</p> <p><b>A. Drug Testing</b></p> <p><b>Location:</b> 4th Floor</p> <p><b>Spatial Adequacy:</b> The quantity of space provided is unsuitable. It is located in the former booking area of the jail. The client waiting area is too small, especially since it serves both the Drug Testing Lab and JusticePoint Pretrial Services. The available work space for staff is very limited. There is only one drug testing toilet to serve between 60 - 120 clients daily. Additional storage space for testing supplies is needed.</p> <p><b>Operational Adequacy:</b> Clients must report to pretrial agencies before and after drug testing, so adjacency to these agencies is ideal. The waiting area frequently becomes crowded due to the number of clients served, but an area shared by all pretrial agencies could work well given an appropriate size and proximity. The Supervisor cannot spend significant time here due to the lack of available work space. The addition of a second drug testing toilet would increase operational efficiency and decrease clients' wait times. The overall quality of space is poor.</p>														

**Table E-3 (Continued)  
COMPONENT ANALYSIS:**

**SAFETY BUILDING**

Component	SQUARE FOOTAGE ANALYSIS				ANALYSIS OF EXISTING CONDITIONS									
	Total Staff (2015)	Approximate NSF/Person	Approximate NSF	Approximate DGSF	Inappropriate		Inadequate		Marginal		Adequate		Appropriate	
					1	2	3	4	5	6	7	8	9	10
<b>16. WCS PRETRIAL (Continued)</b>														
<p><b>B. OWI Program</b></p> <p><b>Location:</b> 4th Floor</p> <p><b>Spatial Adequacy:</b> The amount of space is fairly adequate, although some additional area for circulation would be beneficial. The waiting area is small and frequently becomes crowded. Most staff workstations are sufficient, but some do not accommodate a visitor chair very well. The conference room is suitable for staff meetings and client orientations. Some additional file and storage space would be useful.</p> <p><b>Operational Adequacy:</b> Proximity to the Drug Testing Lab and JusticePoint Pretrial is helpful. The configuration and layout of space function adequately for this agency's needs. Open office workstations with high panels provide some privacy during meetings with clients, but enhance security by allowing supervisors to monitor client activity. ADA accessibility is a concern. Wayfinding has been an issue for clients.</p>														
<b>17. SUPPORT SPACES</b>	-	-	412	536					5					

**Description:** This section includes a workroom for Community Corrections. It also includes a room for the media.

**Location:** 4th Floor, 6th Floor

**Spatial Adequacy:** The Community Corrections space is small. In addition, the Public Defender, which is located in the State Office Building, lacks workroom space in either the Safety Building or the Historic Courthouse. Ideally, there would be some dedicated space available. Other types of support spaces are often provided in courthouses, such as a law enforcement officers workroom, Bar Association workroom, and first aid room. The media room is too small and would ideally be located on the Ground Floor for easier access.

**Operational Adequacy:** These types of spaces improve staff efficiency and aid in serving the public and the Courts. Better quality space is desirable.

**Table E-4  
COMPONENT ANALYSIS:**

Component	SQUARE FOOTAGE ANALYSIS				ANALYSIS OF EXISTING CONDITIONS											
	Total Courts (2015)	Approximate NSF/Court	Approximate NSF	Approximate DGSF	Inappropriate		Inadequate		Marginal		Adequate		Appropriate			
					1	2	3	4	5	6	7	8	9	10		
18. CIRCUIT COURT	11 Courts	2,550	28,051	36,466					5							
A. Courtrooms & Support Spaces	11 Courts (8 judges / 3 commissioners)								5							
1. Children's Court																
B. Chamber Areas							4									

**Description:** The following section describes the current spatial and operational conditions of the Circuit Court judiciary and immediate staff in the Juvenile Justice Center. This space evaluation includes 8 Circuit Court judges and 3 commissioners.

**Location:** Main and Upper Levels

**A. Courtrooms & Support Spaces**  
**1. Courtrooms**

**Spatial Adequacy:** The number of litigation spaces (courtrooms and hearing rooms) is adequate for the current number of judicial officers. In the Juvenile Justice Center, there are 11 litigation spaces for 11 judicial officers (8 judges and 3 commissioners). Eight of the rooms are considered courtrooms by the Consultant, as they are 1,000 NSF or above. Three rooms are considered hearing rooms, since they are each less than 1,000 NSF. A commissioner uses one of the larger rooms, while a judge uses one of the smaller rooms. Two of the eight courtrooms are jury capable courtrooms, but at 1,312 NSF each, they do not meet the Wisconsin Supreme Court standard of 2,000 square feet or more for a jury courtroom. The six other courtrooms, at approximately 1,000 NSF each, meet the Consultant's minimum standard for courtroom size. Two of the three hearing rooms are believed to be undersized.

**Operational Adequacy: Circulation/Security:** As described in the Historic Courthouse evaluation, in a properly designed courthouse, there are three separate circulation zones: public, restricted, and secure. The Juvenile Justice Center has two of the three zones. There is a separate circulation path for detainees, although it is not ideal. Two parallel corridors require judges and court staff to cross the detainee corridor in order to access the courtrooms. However, this situation is controlled operationally for the most part.

**Configuration/Access:** As a newer facility, constructed in the 1990s, the court portion of the Juvenile Justice Center comes closer to meeting modern standards. Courtroom workstations are handicap accessible. The rooms have appropriate width, but could benefit from more depth as seating is very limited. The three hearing rooms (2500A, 2500B, and 2500C) are located in an area that is not as publicly accessible as the main courtrooms, but it is a workable condition. An expansion courtroom is also located in this area. The courtrooms have lighting and acoustical issues. The rooms could benefit from higher light levels. Court reporters have mentioned poor sound quality in the courtrooms, so some sound treatment may be desirable.

**Table E-4 (Continued)  
COMPONENT ANALYSIS:**

**JUVENILE JUSTICE CENTER**

**18. CIRCUIT COURT (continued)**

**A. Courtrooms & Support Spaces**

**2. Support Spaces**

**Spatial Adequacy:** Support spaces for the courtrooms are generally adequate. The Main Level courtrooms have access to a large public waiting area, with approximately ten conference rooms in an adjacent area. The conference rooms are slightly undersized, but they are easily accessible for use. There are fewer conference rooms on the Upper Level, and the waiting area is more constrained. All courtrooms have entry vestibules which are slightly undersized. The eight main courtrooms have centrally located detainee holding areas (one per floor), as well as attorney conferencing booths. There are two appropriately sized jury deliberation rooms for the two jury-capable courtrooms; however, the rooms are located some distance apart from the courtrooms they serve. The rooms are located adjacent to the jury assembly room. There are robing rooms for judges near the courtrooms since the judicial chambers are clustered in a collegial area.

**Operational Adequacy:** Operationally, the spaces are adequate. Each type of space could benefit from improvement in some way, but unlike the issues discussed in the Historic Courthouse and Safety Building evaluations, the appropriate spaces do exist and are utilized to the benefit of the Court.

**B. Chamber Areas**

**Spatial Adequacy:** The average judicial office is 255 net square feet, which is well below the Wisconsin Supreme Court standard of 500 square feet. The rating of Inadequate reflects the lack of compliance with State standards, and the disparity with chamber sizes in the Historic Courthouse.

The chambers are clustered on the Main Level. The Chief Judge indicated that judges prefer the collegial arrangement. Court reporters are collocated with the judges in open office workstations.

**Operational Adequacy:** Although well below Supreme Court standards, the judicial chambers are functional. Judges do have a separate parking area, and are able to enter the facility into a circulation zone which is separate from the public. Access from the public area is fairly open, and is a potential security concern. A secure waiting area would be beneficial.

**Table E-4 (Continued)  
COMPONENT ANALYSIS:**

**JUVENILE JUSTICE CENTER**

Component	SQUARE FOOTAGE ANALYSIS				ANALYSIS OF EXISTING CONDITIONS									
	Total Staff (2015)	Approximate NSF/Person	Approximate NSF	Approximate DGSF	Inappropriate		Inadequate		Marginal		Adequate		Appropriate	
					1	2	3	4	5	6	7	8	9	10
<b>19. COURT ADMINISTRATION</b>	8	164	1,315	1,710					5					

**Description:** Staff include 1 Judicial Operations Manager, 1 Staff Attorney, 4 Court Coordinators, 1 Permanency Plan Counselor, and 1 Administrative Assistant.

**Location:** Main Level

**Spatial Adequacy:** The quantity of space is marginal. A former library has been converted into staff space, and a former conference room has been subdivided in order to accommodate two functions. Additional conference space is desired by all groups in the facility. There is currently a large shared conference room that can be subdivided, but it does not function very well and is remote from most offices. The Court often has mediations which take place in the jury rooms, but these are frequently displaced due to jury trials.

**Operational Adequacy:** Court Administration is located in the same area as the judicial chambers. This location works well due to the degree of interaction between judges and administrative staff.

<b>20. CIRCUIT CLERK</b>														
<b>A. Juvenile</b>	17	245	4,170	5,421					5					

**Description:** The Juvenile Division is responsible for maintaining court records and evidence at the Juvenile Justice Center.

**Location:** Main Level

**Spatial Adequacy:** The overall amount of space is marginal. There is a need for additional public counter positions. Staff could benefit from additional open office work space. The records area is somewhat tight, but the office engages in active purging. Archived records go to Coakley Storage in West Milwaukee. There is an unfinished area containing bulk items and supplies which could be renovated to address some space needs.

**Operational Adequacy:** A common issue with the Juvenile Justice Center is public wayfinding. The odd design often makes it difficult for members of the public to locate their destinations. The Clerk's Office can be difficult to locate since it is some distance away from the main entrance. However, the direct adjacencies to Court Administration and Judicial Chambers are beneficial.

**Table E-4 (Continued)  
COMPONENT ANALYSIS:**

**JUVENILE JUSTICE CENTER**

Component	SQUARE FOOTAGE ANALYSIS				ANALYSIS OF EXISTING CONDITIONS									
	Total Staff (2015)	Approximate NSF/Person	Approximate NSF	Approximate DGSF	Inappropriate		Inadequate		Marginal		Adequate		Appropriate	
					1	2	3	4	5	6	7	8	9	10
<b>21. DISTRICT ATTORNEY</b>	60	224	13,448	17,483					5					
<p><b>Description:</b> The District Attorney's Office is responsible for prosecuting cases on behalf of the State of Wisconsin in Milwaukee County Courts. The specialized units of the DA's Office located at the Juvenile Justice Center include Delinquency, TPR (Termination of Parental Rights), CHiPS (Children in Need of Protection and Services), Child Protection and Advocacy, and Specialized Abuse.</p> <p><b>Location:</b> Lower Level, Main Level</p> <p><b>Spatial Adequacy:</b> The amount of space provided for the DA's Office is marginal. The waiting area is too small and frequently becomes overcrowded. Most staff offices are sufficient in size, but many are oddly configured with curved walls. Storage and workroom areas are lacking, and equipment is stored in hallways. There is only one conference room, which is undersized. There are no dedicated interview rooms to meet with witnesses and take depositions. Access to a private room for nursing mothers is desired.</p> <p><b>Operational Adequacy:</b> The separation from the downtown portion of the DA's Office contributes to some duplication of staff and resources. The space feels disjointed due to the configuration, which results from the building's design. An improved layout, combined with additional square footage, would enhance efficiency and operations for DA staff, visiting court staff, and the public.</p>														
<b>22. GUARDIAN AD LITEM</b>	20	220	4,405	5,726						6				
<p><b>Description:</b> The Guardian ad Litem division of the Milwaukee Legal Aid Society contracts with the County to provide court appointed attorneys to represent the legal best interests of children in guardianship, CHiPS (Children in Need of Protection and Services) and TPR (Termination of Parental Rights) matters.</p> <p><b>Location:</b> Upper Level</p> <p><b>Spatial Adequacy:</b> The quantity of space is generally adequate. There are enough work spaces to accommodate current staff; however, there are three vacant positions and additional offices would be required if all positions were filled. Most staff offices are slightly smaller than the recommended minimum size, and some are oddly configured. Additional work space for interns is needed. More conference space would be beneficial.</p> <p><b>Operational Adequacy:</b> The current location is appropriate, and separation from the adult courts is perceived to be beneficial. Overall, the layout of the agency is suitable, and the space functions adequately for both staff and clients.</p>														
<b>23. PUBLIC DEFENDER</b>	14	68	952	1,237					5					
<p><b>Description:</b> This unit is part of the statewide Public Defender system. The agency has approximately 60 attorneys and 43 support staff located on the 9th Floor of the State Office Building. The Juvenile and Mental Health Divisions are located at 10930 West Potter Road (about 25 attorneys/20 support staff). Two support staff work full time at the Juvenile Justice Center, with typically about 10 to 12 attorneys.</p> <p><b>Location:</b> Main Level</p> <p><b>Spatial Adequacy:</b> This space is crowded for the number of staff it serves. The majority of the space consists of open office cubicles which are used as workstations and interview space. Ideally, more private rooms would be provided, as other conference spaces are typically full.</p> <p><b>Operational Adequacy:</b> The location is easily accessible, but results in staff often serving as the main point of information for courthouse visitors. There is no divider behind the reception window, so noise carries into the space.</p>														

**Table E-4 (Continued)  
COMPONENT ANALYSIS:**

**JUVENILE JUSTICE CENTER**

Component	SQUARE FOOTAGE ANALYSIS				ANALYSIS OF EXISTING CONDITIONS									
	Total Staff (2015)	Approximate NSF/Person	Approximate NSF	Approximate DGSF	Inappropriate		Inadequate		Marginal		Adequate		Appropriate	
					1	2	3	4	5	6	7	8	9	10
<b>24. SHERIFF'S OFFICE</b>	15	172	2,583	3,358							7			
<p><b>Description:</b> This component includes the central holding area for the Juvenile Justice Center.</p> <p><b>Location:</b> Lower Level</p> <p><b>Spatial Adequacy:</b> This area is generally adequate. There are 3 adult holding cells with a total capacity of about 20. The average number of adults held is 7, with peaks of 11. There are 8 juvenile holding cells (4 cells on each courtroom floor). The cell capacity is about 4 juveniles in each, for a total capacity of about 32. The Sheriff moves an average of 17 juveniles per day, with Monday having the highest average of 21. Peak movement this past year was 37 juveniles.</p> <p><b>Operational Adequacy:</b> The main operational issue is that adult prisoners must be walked through the juvenile holding area in order to get them to court. Deputies try to minimize sight and sound contact as much as possible, but it still occurs. However, this is not a violation of the Office of Juvenile Justice and Delinquency Prevention standards, as the standards recognize there may be some sight and sound issues related to circulation. The standards do call for separate holding areas, which are provided for at the Juvenile Justice Center.</p>														
<b>25. JURY MANAGEMENT</b>	-	-	1,465	1,905							8			
<p><b>Description:</b> This component includes the main jury assembly area. Currently, there are no jury trials for juveniles, although bills have been introduced which would allow that to happen. Jury trials are held in Termination of Parental Rights cases. Approximately one-third of all TPR cases go to jury trial (20 to 30 cases per year).</p> <p><b>Location:</b> Main Floor</p> <p><b>Spatial Adequacy:</b> The room is adequately sized.</p> <p><b>Operational Adequacy:</b> The room works well for its purpose. It is located near the front entrance, and is easy to find. It is linked to both public and restricted circulation.</p>														
<b>26. SUPPORT SPACES</b>	-	-	1,450	1,885					5					
<p><b>Description:</b> This component includes support spaces for functions such as the Bureau of Milwaukee Child Welfare, the Sojourner Family Peace Center, and the Department of Corrections. It also includes shared conference space.</p> <p><b>Location:</b> Main Level, Upper Level</p> <p><b>Spatial Adequacy:</b> As with the other facilities, support agencies have tried to find spaces wherever they can. This sometimes means using spaces that might otherwise be used for conferencing or sequestered waiting. Larger and additional spaces for the support functions are desirable. Additional workrooms and support spaces might be provided for law enforcement officers, private attorneys, and other agencies.</p> <p><b>Operational Adequacy:</b> These rooms are used for functions such as supervised visitation, counseling, and enrollment in support services. Their location near the courtrooms is ideal. The primary deficiency is the lack of an adequate number and size of rooms.</p>														

**Table E-5  
SUMMARY OF COMPONENT SCORES AND RATINGS BY BUILDING**

Component	Floor	Staff	DGSF	DGSF / Person	NSF / Person	Score	Rating
<b>HISTORIC COURTHOUSE</b>							
1. Circuit Court	2,3,4,4M,5,5M,6,6M,7,7M	45 Courts	180,517	-	-	4	Inadequate
2. Court Administration	4M,6	7	5,971	853	656	5	Marginal
3. Circuit Clerk	Ground,1,1M,2,2M,4	97	33,046	341	262	5	Marginal
4. Child Support Services	Ground,1,1M,7	145	26,850	185	142	4	Inadequate
5. Jury Management	1	6	5,184	864	665	3	Inadequate
6. Law Library	Ground	3	2,141	714	549	5	Marginal
7. Milwaukee Justice Center	Ground	6	4,299	717	551	9	Appropriate
8. Restraining Order Clinic	7	8	444	56	43	2	Inappropriate
9. Support Spaces	5,6	-	1,053	-	-	5	Marginal
<b>SUBTOTAL</b>		<b>423</b>	<b>259,505</b>	<b>613</b>	<b>472</b>	<b>3.9</b>	<b>INADEQUATE</b>
<b>SAFETY BUILDING</b>							
10. Circuit Court	1,2,3,4,5,6	9 Courts	38,958	-	-	2	Inappropriate
11. Court Administration	3	6	4,126	688	529	6	Marginal
12. Circuit Clerk	1,2,4,5M,6	76	13,326	175	135	2	Inappropriate
13. District Attorney	2,4,5,6	174	39,816	229	176	2	Inappropriate
14. Sheriff's Office	Ground,1,2,3,5	180	50,344	280	215	4	Inadequate
15. JusticePoint Pretrial Services	2,4	42	9,357	223	171	3	Inadequate
16. WCS Pretrial Services	4	11	1,771	161	124	4	Inadequate
17. Support Spaces	4	-	536	-	-	5	Marginal
<b>SUBTOTAL</b>		<b>516</b>	<b>158,234</b>	<b>307</b>	<b>236</b>	<b>2.8</b>	<b>INAPPROPRIATE</b>
<b>JUVENILE JUSTICE CENTER</b>							
18. Circuit Court	Main, Upper	11 Courts	36,466	-	-	5	Marginal
19. Court Administration	Main	8	1,710	214	164	5	Marginal
20. Circuit Clerk	Main	17	5,421	319	245	5	Marginal
21. District Attorney	Lower, Main	60	17,483	291	224	5	Marginal
22. Guardian ad Litem	Upper	20	5,726	286	220	6	Marginal
23. Public Defender	Main	14	1,237	88	68	5	Marginal
24. Sheriff's Office	Lower	15	3,358	-	-	7	Adequate
25. Jury Management	Main	-	1,905	-	-	8	Adequate
26. Support Spaces	Main, Upper	-	1,885	-	-	5	Marginal
<b>SUBTOTAL</b>		<b>167</b>	<b>75,191</b>	<b>450</b>	<b>346</b>	<b>5.0</b>	<b>MARGINAL</b>
<b>TOTAL</b>		<b>1,106</b>	<b>492,930</b>	<b>446</b>	<b>343</b>	<b>3.7</b>	<b>INADEQUATE</b>

- Notes: (1) NSF/Person has been estimated based on an assumed 30% DGSF grossing factor to account for interior hallways and wall partitions.  
(2) The total of 65 Courts shown excludes the 3 courtrooms in the Criminal Justice Facility and the Chief Judge's courtroom, as this position is primarily administrative.  
(3) The total staff for each facility includes an estimation for the Circuit Court as follows: Judge + Court Reporter + Bailiff/Law Clerk + Commissioners.  
(4) Subtotal and Overall Total scores are weighted based on each component's proportion of total area. Scores are rounded down to determine ratings.

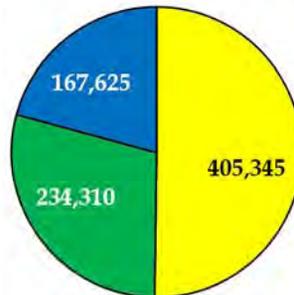
**Table E-6  
SUMMARY OF ALL BUILDING SPACES AND SQUARE FOOTAGES**

FACILITY	COMPONENT	COURT FUNCTIONS		NON-EVALUATED		VACANT		TOTAL DGSF		TOTAL BGSF	
		DGSF	% of Total	DGSF	% of Total	DGSF	% of Total	DGSF	% of Total	BGSF	DGSF %
<b>HISTORIC COURTHOUSE</b>	Circuit Court	180,517	45%					180,517	45%		
	Circuit Clerk	33,046	8%					33,046	8%		
	Child Support Services	26,850	7%					26,850	7%		
	Court Administration	5,971	1%					5,971	1%		
	Jury Management	5,184	1%					5,184	1%		
	Milwaukee Justice Center	4,299	1%					4,299	1%		
	Law Library	2,141	1%					2,141	1%		
	DA / Family Peace Center	1,053	0%					1,053	0.3%		
	Restraining Order Clinic	444	0%					444	0.1%		
	County Functions			145,840	36%			145,840	36%		
<b>TOTAL</b>		<b>259,505</b>	<b>64%</b>	<b>145,840</b>	<b>36%</b>	<b>0</b>	<b>0%</b>	<b>405,345</b>	<b>100%</b>	<b>717,883</b>	<b>56%</b>
<b>SAFETY BUILDING</b>	Sheriff's Office	50,344	21%					50,344	21%		
	District Attorney	39,816	17%					39,816	17%		
	Circuit Court	38,958	17%					38,958	17%		
	Circuit Clerk - Criminal	13,326	6%					13,326	6%		
	JusticePoint Pretrial Services	9,357	4%					9,357	4%		
	Court Administration	4,126	2%					4,126	2%		
	Wisconsin Community Services	1,771	1%					1,771	1%		
	Community Corrections	444	0.2%					444	0.2%		
	County Functions / Gym			39,345	17%			39,345	17%		
	Former Jail Space					36,823	16%	36,823	16%		
<b>TOTAL</b>		<b>158,142</b>	<b>67%</b>	<b>39,345</b>	<b>17%</b>	<b>36,823</b>	<b>16%</b>	<b>234,310</b>	<b>100%</b>	<b>413,062</b>	<b>57%</b>
<b>JUVENILE JUSTICE CTR.</b>	Circuit Court	38,235	23%					38,235	23%		
	District Attorney	17,483	10%					17,483	10%		
	Guardian ad Litem	5,726	3%					5,726	3%		
	Circuit Clerk - Juvenile	5,421	3%					5,421	3%		
	Sheriff's Office	3,358	2%					3,358	2%		
	Jury Management	1,905	1%					1,905	1%		
	JJC Support Spaces	1,885	1%					1,885	1%		
	Court Administration	1,710	1%					1,710	1%		
	Public Defender	1,237	1%					1,237	1%		
	DHHS / Detention Facility			90,665	54%			90,665	54%		
	<b>TOTAL</b>		<b>76,960</b>	<b>46%</b>	<b>90,665</b>	<b>54%</b>	<b>0</b>	<b>0%</b>	<b>167,625</b>	<b>100%</b>	<b>260,910</b>

**Table E-6 (Continued)**  
**SUMMARY OF ALL BUILDING SPACES AND SQUARE FOOTAGES**

FACILITY	COMPONENT	COURT FUNCTIONS		NON-EVALUATED		VACANT		TOTAL DGSF		TOTAL BGSF	
		DGSF	% of Total	DGSF	% of Total	DGSF	% of Total	DGSF	% of Total	BGSF	DGSF %
<b>ALL FACILITIES</b>	Circuit Court	257,710	32%					257,710	32%		
	District Attorney	57,299	7%					57,299	7%		
	Sheriff's Office	53,702	7%					53,702	7%		
	Circuit Clerk	51,793	6%					51,793	6%		
	Child Support Services	26,850	3%					26,850	3%		
	Court Administration	11,807	1%					11,807	1%		
	JusticePoint Pretrial Services	9,357	1%					9,357	1%		
	Jury Management	7,089	1%					7,089	1%		
	Guardian Ad Litem	5,726	1%					5,726	1%		
	Milwaukee Justice Center	4,299	1%					4,299	1%		
	Law Library	2,141	0.3%					2,141	0.3%		
	JJC Support Spaces	1,885	0.2%					1,885	0.2%		
	Wisconsin Community Services	1,771	0.2%					1,771	0.2%		
	Public Defender	1,237	0.2%					1,237	0.2%		
	DA / Family Peace Center	1,053	0.1%					1,053	0.1%		
	Community Corrections	444	0.1%					444	0.1%		
	Restraining Order Clinic	444	0.1%					444	0.1%		
	Non-Court Space			275,850	34%			275,850	34%		
Former Jail Space					36,823	5%	36,823	5%			
<b>TOTAL</b>		<b>494,607</b>	<b>61%</b>	<b>275,850</b>	<b>34%</b>	<b>36,823</b>	<b>5%</b>	<b>807,280</b>	<b>100%</b>	<b>1,391,855</b>	<b>58%</b>

**TOTAL DEPARTMENTAL GROSS SQUARE FEET**



■ Historic Courthouse   
 ■ Safety Building   
 ■ Juvenile Justice Center

**SECTION F: SCENARIOS AND COST ESTIMATES**

**SECTION F: SCENARIOS AND COST ESTIMATES**

**SECTION F: SCENARIOS AND COST ESTIMATES**

This section synthesizes the assessment of needs and existing condition evaluation into a strategic plan to address the long-term spatial and operational requirements of the Milwaukee County Court System. A courtroom reallocation plan for the Historic Courthouse has been developed. The plan documents an approach to improve public safety and public service in the historic building. In addition, two scenarios have been developed for a new Criminal Courthouse: a maximum option of 425,000 square feet and a minimum option of 360,000 square feet. Two sites have been identified as potential locations for the new facility: the existing Safety Building site, and a County-owned parking lot at the corner of 6<sup>th</sup> and State Streets. Cost estimates have been developed for each scenario at each site. The recommendation of the planning team and Project Advisory Group is for the smaller building on the Safety Building site.

**PROJECT GOALS AND OBJECTIVES**

Over the course of the project, the following three strategic goals were defined for the project:

- **Goal #1:** To determine the highest and best use of the Historic Courthouse, Safety Building, and Juvenile Justice Center.
- **Goal #2:** To improve public safety with respect to the Judicial system and process.
- **Goal #3:** To improve public service with respect to the Judicial system and process.

Various options and strategies were considered to address the proposed goals. The Consultant explored options for reuse of the Historic Courthouse and the Safety Building. These options included infilling light wells and the central open space above the gymnasium in the Safety Building. But the areas proved to be inadequate to meet spatial and operational requirements, and most of the current problems would have remained in both facilities. It became abundantly clear that no adaptive reuse, or internal expansion plan, could create in these 1930-era buildings the kind of three-dimensional zoning of judges/jurors, public, and detainees required in a modern criminal court facility.

SECTION F: SCENARIOS AND COST ESTIMATES

As a result, the following strategic objectives were identified:

**Goal #1: Determine the Highest and Best Use**



**HISTORIC COURTHOUSE:** The highest and best use of the Historic Courthouse is as a courthouse, but only for Civil, Probate, and Family Courts. The key to solving the issues with the Historic Courthouse is to reduce the number of courtrooms in the building, and to eliminate the prisoner (criminal defendant in custody) movement now occurring in the public hallways. The 1932 Courthouse opened with 20 functioning courtrooms on the 2<sup>nd</sup>, 4<sup>th</sup>, and 5<sup>th</sup> Floors. Over time, the number of courtrooms and hearing rooms increased to 47. Many of these rooms are inadequate in size to achieve proper image, accessibility, and security. Reducing the number of courts, and in particular, removing the Criminal Courts, would significantly improve the utility and safety of the Historic Courthouse.

Other County functions, such as the County Board, County Executive’s Office, Register of Deeds, and Treasurer could potentially remain in the Historic Courthouse. This determination should be made during a subsequent planning effort to define the spatial and operational needs of county agencies currently located in the facility.



*Milwaukee County’s second courthouse opened in 1873. It replaced the first courthouse, which was built in 1836. The current courthouse replaced the second in 1932. This building was razed in 1939, and is now the site of Cathedral Square Park.*

SECTION F: SCENARIOS AND COST ESTIMATES



**SAFETY BUILDING:** The highest and best use of the Safety Building is not for its current use as an office and criminal court building. The highest and best use is as a site for a modern Criminal Courthouse. The building could continue to be used as an office building to support the court or general government systems, but refurbishment and renovation to bring the facility up to modern operating codes would require a significant capital investment. A 2014 report by Mortenson Construction indicated that approximately \$75 million in structural repairs, systems upgrades, and asbestos abatement would be required to bring the building up to existing physical performance standards. That total of \$75 million includes some escalation and contingency costs, and is believed by the Consultant to be a somewhat optimistic estimate. If tenant upfit costs for approximately 360,000 square feet were added to the 2014 total of \$75 million for base

building improvements, and if that new total were also escalated to some future construction date, along with a contingency, architectural/engineering fees, and other associated project costs, the total cost of renovating the Safety Building might be roughly equivalent to the cost of a new Criminal Courthouse. And, during that renovation process, the County would still need to relocate building occupants, just as would be the case for building demolition.

After spending the \$125 million to \$150 million that might be required to renovate the building, the County would still have a very makeshift office building, which was originally designed in 1929 for entirely different functions. In the Consultant’s opinion, this building should be demolished to make way for a better operational solution.

This facility was built in 1929, and is not on the National Historic Register. It was originally designed as a mixed- use building and has become increasingly obsolete over time. One half of the building housed the central police station, City Courts, and City Jail, while the other half housed the County Sheriff, some County Courts, and the County Jail. Gradually, the building has been repurposed in ways that are far from its intended function. Large portions of the building which were intended for City and County detention are inappropriate for other uses. Based on an assessment of the floorplans, it appears that three original, double-height courtrooms were provided on the City side, and two double-height courtrooms on the County side. Over time, courtrooms were added on the lower floors in former office space areas. The additional criminal courtrooms fail to meet minimum standards established by the Wisconsin Supreme Court. As with

SECTION F: SCENARIOS AND COST ESTIMATES

the Historic Courthouse, criminal defendants in custody are moved through public hallways in order to access courtrooms.

In addition to functional and security issues, the Safety Building suffers from a host of physical problems, including asbestos; structural issues; poor air and water quality due to mechanical, electrical, and plumbing inadequacies; pest issues; and various code conditions. Due to the uncertainty regarding long-term use of the building, proper maintenance of the facility has been deferred for an extended period of time, and will now be very expensive to achieve.



**JUVENILE JUSTICE CENTER:** The highest and best use of the Juvenile Justice Center is to continue as a combined, collocated Juvenile Court and Juvenile Detention Center. This complex was originally constructed in 1962, with major additions in 1994. Early in this planning process, the Consultant examined the desire to consolidate the Children’s Court with the downtown courts. It was determined that the Children’s Court and the Juvenile Detention Center function very well together, and should remain collocated. As part of this study, the participants also concluded that it is more important for Juvenile Courts, Juvenile Detention, and their related support components to be located together than for the various Courts to be located downtown. Detention centers function best as low-rise facilities, on one or two levels, rather than as high-rise facilities. The existing site is approximately 17 acres. In order to relocate the complex closer to downtown, a

SECTION F: SCENARIOS AND COST ESTIMATES

minimum site of 10 to 12 acres would likely be required, which would be both difficult to find, and cost prohibitive.

The Consultant examined issues related to the relatively remote location of the Juvenile Justice Center in Wauwatosa. The facility is located on a transit line. The County Bus Line has a stop directly in front of the building, as part of Route 31. The Consultant rode the route to the downtown transit center, and spoke with transit personnel about the volume of traffic to the Children’s Court and Detention Center. The majority of riders are court employees, and the volume ranges from approximately 20 to 30 persons per day. There is ample parking at the site, and many visitors drive or carpool.

The location of the facility within a mixed-use area was also noted as a potential issue. But the surrounding institutional and commercial area is consistent with the purpose and function of a Juvenile Justice Center. If the facility were to be relocated, it would ideally be located near a transit line, and probably in the vicinity of other institutional or commercial buildings rather than in a residential or remote open area.

It was also noted that both the Court and Detention Center have some internal expansion capability at the site, along with external addition possibilities due to the large site area. The Court currently has a future shelled courtroom and a storage area that is convertible to office space. The Detention Center is not currently using all housing pods, and therefore could increase its capacity. This expansion capability may become necessary if the juvenile jurisdiction is raised from 16 to 17 years of age.

**Goal #2: Improve Public Safety**

A major issue with the Milwaukee County facilities is the mixing of the public, judges, jurors, and detainees within hallways and elevators. That mixing is contrary to national best practice standards, and constitutes a fundamental threat to public safety. It also detracts from an appropriate court image, and potentially compromises the integrity of the judicial process as jurors and witnesses may come into direct contact with detainees. Modern court facilities are designed with three completely separate zones of circulation. A public zone is provided for members of the general public. A restricted zone is provided for judges, impaneled jurors, and court staff. A secure zone is provided for defendants in custody. The zones only intersect inside the courtroom. It is not possible to achieve that level of zoning within the Historic Courthouse or the Safety Building. These facilities are nearly 90 years old, and the concept of separate zoning is a relatively recent one, having first taken shape nationally in the early 1970s.

Therefore, it is recommended that a new Criminal Courthouse be developed which provides for the appropriate zoning and separation of parties. Removing the Criminal Courts from the Historic Courthouse, and from the Safety Building, is the best way to improve public safety.

SECTION F: SCENARIOS AND COST ESTIMATES

**Goal #3: Improve Public Service**

A related goal to improving public safety is improving public service. A new, consolidated Criminal Courthouse will improve both public service and contribute to increased staff efficiency. Currently, the Criminal Clerk’s office is located in the Safety Building, but it serves courtrooms in the Historic Courthouse, Safety Building, and Criminal Justice Facility. Both public and staff must move between the Clerk’s Office and the criminal courtrooms in three different buildings. It can be a confusing, time consuming, and frustrating process.

In addition, jurors must move from the jury assembly room in the Historic Courthouse to courtrooms in the Safety Building and Criminal Justice Facility. This requires an extensive path of travel, which can be quite difficult for older citizens or those with mobility impairments. A new Criminal Courthouse would provide a dedicated jury assembly room for those courtrooms.

Of even more importance, from a public service standpoint, is the current operation of the Family Court. The majority of the litigation spaces for the Family Court are located on the 7<sup>th</sup> Floor of the Historic Courthouse. This floor is much smaller in size than the other floors in the building, and can become quite congested. The floor includes two courtrooms, as well as ten small hearing rooms, some of which are only about 200 square feet in size. This creates issues with respect to image, security, and accessibility. Some litigants do not feel that they have had their proper “day in court” when appearing before a Commissioner in one of these small office-size hearing rooms. Family Court cases are some of the most volatile, and conducting hearings in extremely

constricted spaces creates both public safety and public service concerns. Removing the Criminal Courts from the courthouse would allow the Family Courts to relocate to more properly-sized courtrooms, with more generous public lobby and waiting areas.

This reassignment of courtrooms would improve both public service, as well as public safety in the facility. The overall number of courtrooms in the Historic Courthouse would immediately reduce from 47 to 37, which would significantly improve court operations.

**SUMMARY OF PROJECTIONS**

SECTION F: SCENARIOS AND COST ESTIMATES

SUMMARY OF PROJECTIONS

Tables F-1 through F-3 summarize the judicial officer and staff projections developed as part of the needs assessment portion of the project. It was important to disaggregate the Circuit Court and relevant agency staff by divisions or units in order to define scenarios for new and existing facilities. Based on the project goals and objectives identified in the preceding section, it was recommended that the Historic Courthouse house the Civil, Probate, and Family Divisions of the Circuit Court, and that a new Criminal Courthouse be developed for criminal and traffic functions.

Table F-1 presents staff projections by pertinent division. This table shows the distribution of the broad, agency-level forecasts developed as part of the needs assessment in Section C, into finer, unit-level projections. This step was necessary in order to appropriately plan space by facility. For instance, the distribution of Circuit Clerk staff must be determined in order to identify the number of current and future staff associated with the Civil, Probate, and Family Courts, versus the number of staff associated with the Criminal Courts.

Table F-2 presents the current distribution of judicial officers (judges and commissioners) by division. In 2015, there were two Administrative positions, 32 Civil and Family positions, and 24 Criminal positions, for a total of 58 downtown positions. In addition, there were 11 positions at the Children’s Court in Wauwatosa. By 2040, it was projected that there would be 66 judicial officer positions serving the downtown divisions, and 13 positions serving the Children’s Court.

Table F-3 presents the proposed judicial officer distribution by location for the three downtown facilities. Based on the year 2040 projections, the Historic Courthouse would house 38 judicial officers (1 Presiding Commissioner, 19 Civil/Probate Division, and 18 Family Division). This provides for a growth of five positions from the current total of 33 judicial officers.

The Criminal Justice Facility would house 2 judicial officers. The Intake and Preliminary Hearing Courts, conducted by commissioners, would remain as an aid to overall system efficiency. The current trial courtroom in the Criminal Justice Facility (Room G55A) would relocate to become part of the new Criminal Courthouse. It is not believed that trials, and particularly jury trials, should be conducted within the confines of the County Jail for functional and symbolic reasons.

The new Criminal Courthouse would house 26 judicial officers (1 Chief Judge and 25 Criminal Division). This provides for a growth of three positions from the current total of 23 judicial officers, excluding the two commissioners assigned to the Criminal Justice Facility.

**Table F-1  
SUMMARY OF STAFF PROJECTIONS BY PERTINENT DIVISION**

Agency	Unit	Historical			Projected				
		1995	2005	2015	2020	2025	2030	2035	2040
Judicial Officers	<i>Judges</i>	46	47	47	48	49	50	50	51
	<i>Commissioners</i>	18	27	22	23	24	26	27	28
	<b>TOTAL</b>	<b>64</b>	<b>74</b>	<b>69</b>	<b>71</b>	<b>73</b>	<b>76</b>	<b>77</b>	<b>79</b>
District Court Administration	<i>Downtown Court Administration</i>			11	12	13	14	15	17
	<i>JJC Court Administration</i>			8	8	9	10	11	11
	<b>TOTAL</b>	<b>11</b>	<b>15</b>	<b>19</b>	<b>20</b>	<b>22</b>	<b>24</b>	<b>26</b>	<b>28</b>
Child Support Services		132	191	145	152	156	161	165	170
Circuit Clerk	<i>Administration / Financial</i>			15	15	15	16	16	17
	<i>Judicial Information Systems</i>			2	2	3	3	3	4
	<i>Civil / Family</i>			73	75	77	79	81	83
	<i>Criminal</i>			82	85	87	89	92	94
	<i>Probate</i>			20	20	20	21	21	22
	<i>Juvenile</i>			34	35	35	36	37	38
	<i>Jury Management</i>			6	7	8	8	8	8
	<i>Family Court IV-D / Mediation</i>			15	15	16	16	17	17
<b>TOTAL</b>	<b>320</b>	<b>263</b>	<b>247</b>	<b>254</b>	<b>261</b>	<b>268</b>	<b>275</b>	<b>283</b>	
District Attorney	<i>Safety Building</i>			174	185	192	201	208	216
	<i>Criminal Justice Facility</i>			41	44	46	47	49	51
	<i>Juvenile Justice Center</i>			60	64	67	69	72	74
	<i>Satellite Police Departments</i>			9	9	9	10	10	11
	<b>TOTAL</b>	<b>220</b>	<b>290</b>	<b>284</b>	<b>302</b>	<b>314</b>	<b>327</b>	<b>339</b>	<b>352</b>
Guardian ad Litem		19	22	20	22	23	24	25	25
JusticePoint Pretrial Services		n/a	6	42	54	58	63	67	71
Law Library		3	3	3	3	3	3	3	3
Milwaukee Justice Center		n/a	n/a	6	7	8	9	11	12
Restraining Order Clinic		5	5	8	9	10	11	12	13
Wisconsin Community Services	<i>Drug Testing</i>		2	2	3	3	3	4	4
	<i>OWI Program</i>		n/a	5	8	9	9	10	11
	<b>TOTAL</b>	<b>2</b>	<b>7</b>	<b>11</b>	<b>12</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>
<b>TOTAL</b>		<b>776</b>	<b>876</b>	<b>854</b>	<b>907</b>	<b>943</b>	<b>979</b>	<b>1,014</b>	<b>1,051</b>

Note: Historical staff data is not available for the Sheriff's Office from 1995-2008. Since a meaningful forecast could not be generated for this agency, Sheriff's Office staff have been excluded from the total shown above.

**Table F-2  
JUDICIAL OFFICER DISTRIBUTION BY DIVISION**

ALL JUDICIAL OFFICERS	CURRENT		ACTUAL PROJECTIONS			ROUNDED PROJECTIONS		
	2015		2020	2030	2040	2020	2030	2040
	Number	Percent						
<b>1. Chief Judge</b>	<b>1</b>	<b>1%</b>	<b>1.0</b>	<b>1.1</b>	<b>1.1</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>Presiding Commissioner</b>	<b>1</b>	<b>1%</b>	<b>1.1</b>	<b>1.2</b>	<b>1.3</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>2. Civil / Probate Division</b>	17	25%	17.6	18.5	19.4	17	19	19
<i>Family Division</i>	15	22%	15.7	16.9	18.2	16	17	18
<b>CIVIL SUBTOTAL</b>	<b>32</b>	<b>46%</b>	<b>33.3</b>	<b>35.4</b>	<b>37.6</b>	<b>33</b>	<b>36</b>	<b>37</b>
<b>3. Felony Division</b>	15	22%	15.4	15.9	16.5	16	16	17
<i>Misdemeanor / DV Division</i>	9	13%	9.3	9.7	10.2	9	9	10
<b>CRIMINAL SUBTOTAL</b>	<b>24</b>	<b>35%</b>	<b>24.7</b>	<b>25.7</b>	<b>26.6</b>	<b>25</b>	<b>25</b>	<b>27</b>
<b>DOWNTOWN TOTAL</b>	<b>58</b>	<b>84%</b>	<b>60.0</b>	<b>63.3</b>	<b>66.6</b>	<b>60</b>	<b>63</b>	<b>66</b>
<b>4. Children's Division</b>	<b>11</b>	<b>16%</b>	<b>11.4</b>	<b>11.9</b>	<b>12.5</b>	<b>11</b>	<b>12</b>	<b>13</b>
<b>TOTAL</b>	<b>69</b>	<b>100%</b>	<b>71.4</b>	<b>75.2</b>	<b>79.1</b>	<b>71</b>	<b>75</b>	<b>79</b>

**EXISTING LITIGATION SPACES**

Building	Courtrooms		Hearing Rooms		TOTAL
	Number	Avg. Size	Number	Avg. Size	Number
1. Historic Courthouse	34	1,761	14	360	48
2. Safety Building	9	1,882			9
3. Criminal Justice Facility	3	1,784			3
<b>DOWNTOWN TOTAL</b>	<b>46</b>	<b>1,786</b>	<b>14</b>	<b>360</b>	<b>60</b>
4. Juvenile Justice Center	8	1,084	3	406	11
<b>TOTAL</b>	<b>54</b>	<b>1,682</b>	<b>17</b>	<b>368</b>	<b>71</b>

Note: In 2015, there are 47 judges and 22 commissioners for a total of 69 judicial officers. By 2040, it is projected that there could be 51 judges and 28 commissioners for a total of 79 judicial officers.

**Table F-3  
JUDICIAL OFFICER DISTRIBUTION - BY DOWNTOWN LOCATION**

<b>JUDICIAL OFFICERS BY CURRENT LOCATION</b>							
<b>ALL JUDICIAL OFFICERS</b>	Historic Courthouse	Safety Building	CJF	<b>TOTAL</b>	PROJECTIONS		
					2020	2030	2040
<b>1. Chief Judge</b>	<b>1</b>			<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>Presiding Commissioner</b>	<b>1</b>			<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>2. Civil / Probate Division</b>	17			17	17	19	19
<i>Family Division</i>	15			15	16	17	18
<b>CIVIL SUBTOTAL</b>	<b>32</b>	<b>0</b>	<b>0</b>	<b>32</b>	<b>33</b>	<b>36</b>	<b>37</b>
<b>3. Felony Division</b>	5	8	2	15	16	16	17
<i>Misdemeanor / DV Division</i>	7	1	1	9	9	10	10
<b>CRIMINAL SUBTOTAL</b>	<b>12</b>	<b>9</b>	<b>3</b>	<b>24</b>	<b>25</b>	<b>26</b>	<b>27</b>
<b>DOWNTOWN TOTAL</b>	<b>46</b>	<b>9</b>	<b>3</b>	<b>58</b>	<b>60</b>	<b>64</b>	<b>66</b>
<b>JUDICIAL OFFICERS BY RECOMMENDED LOCATION</b>							
	Historic Courthouse	Criminal Justice Facility	New Criminal Courthouse	TOTAL			
<b>1. Chief Judge</b>			<b>1</b>	<b>1</b>			
<b>Presiding Commissioner</b>	<b>1</b>			<b>1</b>			
<b>2. Civil / Probate Division</b>	19			19			
<i>Family Division</i>	18			18			
<b>CIVIL SUBTOTAL</b>	<b>37</b>			<b>37</b>			
<b>3. Felony Division</b>			16	16			
<i>Misdemeanor / DV Division</i>			8	8			
<i>Traffic Court (Commissioner)</i>			1	1			
<i>Intake Court (Commissioner)</i>		1		1			
<i>Preliminary Hearing (Commissioner)</i>		1		1			
<b>CRIMINAL SUBTOTAL</b>		<b>2</b>		<b>27</b>			
<b>DOWNTOWN TOTAL</b>	<b>38</b>	<b>2</b>	<b>26</b>	<b>66</b>			

Note: The Historic Courthouse currently has 33 courtrooms (excluding Room 400 which is used for small claims calendar call). There are also 14 hearing rooms, but all are below recommended standards. The 4 small claims hearing rooms work reasonably well as is. But it is recommended that the 10 hearing rooms on the 7th Floor be abandoned, and those functions move to existing criminal courtrooms.

**HISTORIC COURTHOUSE SCENARIOS**

**SECTION F: SCENARIOS AND COST ESTIMATES**

**HISTORIC COURTHOUSE SCENARIOS**

Tables F-4 through F-6 present a courtroom reallocation plan for the Historic Courthouse based on the project objectives identified in the preceding section.

Due to the project’s focus on court-related functions only, a complete reuse and restacking plan for the Historic Courthouse was not developed. In order to complete that task, a similar assessment of the operational and spatial needs of County functions, such as the County Board, County Executive’s Office, Department of Administrative Services, Register of Deeds, Treasurer’s Office, and others must be performed. The graphic on Table F-4 shows the current distribution of space within the building by major component and floor.

However, a courtroom reallocation plan was developed for the Historic Courthouse. Two keys to improving the existing courthouse, in terms of both public safety and public service, are to eliminate detainee movement in the public hallways and to reduce the number of courtrooms. Removing the Criminal Courts will free up 12 existing assigned courtrooms on the 5<sup>th</sup> and 6<sup>th</sup> Floors. These courtrooms can then be reassigned to Family Court, thereby enabling the elimination of the significantly undersized hearing rooms on the 7<sup>th</sup> Floor. Once the 12 Criminal Courts are removed from the building, the 10 Family Court Commissioners currently using the undersized hearing rooms on the 7<sup>th</sup> Floor could utilize those vacated courtrooms. These rooms would require no modification other than changing names on the signage. An additional benefit is that the Family Courts would now be located on a larger floorplate, which provides the ability to

separate and distribute litigants in what is often a contentious setting.

As mentioned previously, the number of litigation spaces would be reduced from 47 to 37. This total is enough to satisfy current Civil, Probate, and Family Division requirements, and to provide some future growth or flexible use. In the long-term, it would be possible to create two additional appropriately sized courtrooms on the 7<sup>th</sup> Floor in the area directly across from the two existing courtrooms.

The graphics on Tables F-5 and F-6 show existing and proposed litigation spaces. Each box documents the number of the room and the size of the space. Boxes with surrounding dashed lines indicate one of the original 20 courtrooms in the facility. Since 1932, the number of litigation spaces has increased from 20 to 47, and the courts have been fragmented into three other facilities. The proposed plan would eliminate the most inappropriately sized spaces, and would consolidate the Felony and Misdemeanor Courts in a new and operationally suitable facility.

**Table F-4  
HISTORIC COURTHOUSE CURRENT STACKING PLAN**

<u>Floor</u>	<u>Approx. DGSF</u>					
7M	6,520	Circuit Court - Jury Rooms; Commissioner Space				
7	19,822	Circuit Court - Family Courts				
6M	2,720	Circuit Court - Jury Rooms				
6	38,918	Circuit Court - Criminal Courts; Chief Judge's Office				
5M	9,962	Circuit Court - Jury Rooms; Court Administration Space				
5	45,783	Circuit Court - Criminal, Family, Civil Courts				
4M	9,991	Circuit Court - Jury Rooms; Law Clerk Space				
4	45,820	Circuit Court - Civil Courts				Civil Clerk
3	44,889	County Functions - County Executive, Department of Administrative Services				
2	51,989	Circuit Court - Probate Courts	Probate Clerk	County Functions - County Board, Human Resources		
1M	34,530	Clerk IT	Civil Clerk	Probate Clerk	Child Support	County Functions - Storage, Non-Public
1	41,449	Clerk Admin.	Civil Clerk	Jury Assembly	Child Support	County Functions - County Clerk, Deeds, Treasurer
G	52,952	Milwaukee Justice Center	Civil Clerk	Law Library	Café	Child Support County Functions - Deeds, Elections, Facility Mgmt.
<b>TOTAL</b>	<b>405,345</b>					

Note: Court functions total approximately 259,505 DGSF. County functions total approximately 145,840 DGSF (excluding basement & penthouse).

**Table F-5  
HISTORIC COURTHOUSE - EXISTING LITIGATION SPACES**

LITIGATION SPACES:	Civil		Family			TOTAL						
	Criminal			Reserve		Civil	Family	Criminal	Reserve	TOTAL		
<b>7th Floor</b>	Room #:	702	712				12			12		
	NSF:	1,558	1,558									
	Room #:	707-J	707-K	707-L	707-M	707-X						
	NSF:	450	372	407	407	320						
	Room #:	711-F	711-H	711-M	711-N	711-T						
	NSF:	241	241	230	230	390						
<b>6th Floor</b>	Room #:	608	615	622	623			8		8		
	NSF:	2,173	1,554	1,316	1,316							
	Room #:	629	632	634	635							
	NSF:	1,554	1,796	1,796	2,173							
<b>5th Floor</b>	Room #:	500	501	502	503	504	508	1	5	4	1	11
	NSF:	2,448	1,964	1,964	1,964	1,694	1,092					
	Room #:	509	512	513	514	515						
	NSF:	1,092	1,732	1,964	1,964	1,964						
<b>4th Floor</b>	Room #:	400*	401	402	403	404	408	14				14
	NSF:	2,448	1,964	1,964	1,964	1,964	1,092					
	Room #:	409	412	413	414	415						
	NSF:	1,092	1,964	1,964	1,964	1,964						
	Room #:	400-AF	400-AK	400-E	400-H	* Note: Room 400 is used for Calendar Call						
	NSF:	418	324	619	391							
<b>2nd Floor</b>	Room #:	206	208	= Indicates one of the original 20 courtrooms			2				2	
	NSF:	1,440	1,440									
<b>TOTAL</b>							17	17	12	1	47	
<b>Judicial Officers (2015)</b>							17	15	12	1	45	

Note: The 6th Floor includes the Chief Judge's Office / Court Administration. The 7th Floor includes the Restraining Order Clinic and other Family Court functions.

**Table F-6  
HISTORIC COURTHOUSE - PROPOSED LITIGATION SPACES**

LITIGATION SPACES:	Civil		Family			TOTAL						
	Criminal		Flex			Civil	Family	Criminal	Flex	TOTAL		
<b>7th Floor</b>	Room #: NSF:	<b>702</b> <b>1,558</b>	<b>712</b> <b>1,558</b>	Flex 1,292	Flex 1,292	Potentially Create Two New Courtrooms		2		2	4	
	Room #: NSF:					Eliminate All Hearing Rooms						
	Room #: NSF:											
<b>6th Floor</b>	Room #: NSF:	<b>608</b> <b>2,173</b>	<b>615</b> <b>1,554</b>	<b>622</b> <b>1,316</b>	<b>623</b> <b>1,316</b>			8			8	
	Room #: NSF:	<b>629</b> <b>1,554</b>	<b>632</b> <b>1,796</b>	<b>634</b> <b>1,796</b>	<b>635</b> <b>2,173</b>							
<b>5th Floor</b>	Room #: NSF:	<b>500</b> <b>2,448</b>	<b>501</b> <b>1,964</b>	<b>502</b> <b>1,964</b>	<b>503</b> <b>1,964</b>	<b>504</b> <b>1,694</b>	<b>508</b> <b>1,092</b>		3	8		11
	Room #: NSF:	<b>509</b> <b>1,092</b>	<b>512</b> <b>1,732</b>	<b>513</b> <b>1,964</b>	<b>514</b> <b>1,964</b>	<b>515</b> <b>1,964</b>						
<b>4th Floor</b>	Room #: NSF:	<b>400*</b> <b>2,448</b>	<b>401</b> <b>1,964</b>	<b>402</b> <b>1,964</b>	<b>403</b> <b>1,964</b>	<b>404</b> <b>1,964</b>	<b>408</b> <b>1,092</b>		14			14
	Room #: NSF:	<b>409</b> <b>1,092</b>	<b>412</b> <b>1,964</b>	<b>413</b> <b>1,964</b>	<b>414</b> <b>1,964</b>	<b>415</b> <b>1,964</b>						
	Room #: NSF:	<b>400-AF</b> <b>418</b>	<b>400-AK</b> <b>324</b>	<b>400-E</b> <b>619</b>	<b>400-H</b> <b>391</b>		* Note: Room 400 is used for Calendar Call					
<b>2nd Floor</b>	Room #: NSF:	<b>206</b> <b>1,440</b>	<b>208</b> <b>1,440</b>						2			2
							= Indicates one of the original 20 courtrooms					
<b>TOTAL</b>								19	18	0	2	39
<b>Judicial Officers (2040)</b>								19	18		1	38

Note: The Restraining Order Clinic and other Family Court office functions would relocate to the 6th Floor into space vacated by the Chief Judge's Office / Court Administration.

**SCENARIO DEVELOPMENT**

**SECTION F: SCENARIOS AND COST ESTIMATES**

**SCENARIO DEVELOPMENT**

Tables F-7 through F-21 present scenarios, site options, and cost estimates for a new Criminal Courthouse.

The only way to truly resolve the current Criminal Court issues is with a new building, designed to modern standards. Once that new building is occupied, the spaces vacated by the Criminal Court in the Historic Courthouse can be used to address the pressing issues of the Family Court on the 7<sup>th</sup> Floor. As noted, this courtroom reallocation can be done with minimal expense.

The development of the Criminal Courthouse scenarios began with the definition of the proposed courthouse mix. There are currently 24 Criminal Divisions: 21 judges and 3 commissioners. It has been projected that this total could increase to 27 by 2040. Of the 27, it is recommended that the two commissioners currently conducting Intake and Preliminary Hearings in the Criminal Justice Facility remain in that location. Therefore, 25 Criminal Courts should be planned for the new facility. In addition, it is recommended that the Chief Judge and his or her reserve courtroom be located in the new facility. This will free up space in the Historic Courthouse for other functions, while also providing some additional flexibility for the new building.

Table F-8 identifies the proposed courtrooms by size. It is recommended that two large, 3,000 NSF courtrooms be provided for high-volume, multi-litigant proceedings. These courtrooms would be approximately the same size as the current courtroom on the 6<sup>th</sup> Floor of the Safety Building. In addition, there would be 18 standard, 14-person jury capable courtrooms of 2,200 NSF.

Finally, there would be six non-jury courtrooms of 1,600 NSF for misdemeanor and traffic cases. This is a deviation of the current arrangement in which every judge occupies a jury courtroom. But it is a way to economize on space, particularly given the limited number of jury trials in misdemeanor cases. This approach has been approved by the Chief Judge.

Table F-9 presents the planning standards for the three different courtroom sets, while Table F-10 shows the standards for judicial chambers. The graphic in Table F-11 shows how these spaces relate, with the three appropriate circulation zones. The Courts currently lack many of these spaces which ultimately contribute to the efficiency and effectiveness of the judicial process. With respect to the chambers, one goal was to eliminate the current condition of the courtroom deputy/judicial assistant working full-time in the courtroom. By providing space within the chamber area, this should improve communication, while maximizing flexible use of the courtroom, with enhanced control of courtroom operating expenses.

Table F-12 presents space projections by component. Projections were developed using programmatic information for the courtroom sets and chamber areas, as well as square footage multipliers for general office space. The spatial ratings and square footages per employee provide general indications of current overcrowding. Agencies with higher proportions of office and conferencing spaces have higher ratios of square footage per staff. There are also economy of scale factors, in that as the number of staff increases, the ratio of square feet per person decreases. When necessary, mini-programs were developed as a cross-check to the square footage ratio assumptions.

**SECTION F: SCENARIOS AND COST ESTIMATES**

Table F-13 presents planning standards for court and facility support spaces. Court support spaces specifically relate to the operation of the Courts. Facility support spaces contribute to the operation of the facility in general. In addition, a programming contingency allowance of 5,000 square feet has been included in case any component has been under-planned or for any new program(s) that might be developed in the future.

**Table F-7**  
**DEFINITION OF SQUARE FOOTAGE TERMS AND GROSSING FACTORS**

***Net Square Feet (NSF)***

The unobstructed floor area required to perform a particular function or task. All major components are defined as net spaces including the public lobby, loading dock, and storage rooms.

***Departmental Gross Square Feet (DGSF)***

The total floor area for a particular department or component. This includes the net square footage (NSF) for each space plus:

- \* circulation to connect each space within the department
- \* thickness of interior walls and partitions
- \* building support columns located within the departmental area

*Corresponds to Net Occupiable or Net Rentable Area*

***Mechanical/Electrical Factor (M/E)***

A mechanical factor is applied to the total departmental area in order to accommodate major mechanical and electrical systems.

***Building Gross Square Feet (BGSF)***

The total space required for a building. This includes the departmental gross square footage (DGSF) for each space plus:

- \* horizontal circulation including public corridors and corridors connecting departments
- \* vertical circulation including elevators, elevator shafts, elevator lobbies, ceremonial stairs, and fire stairs
- \* interior column supports not included in the DGSF
- \* mechanical / electrical / plumbing shafts and pipe chases
- \* public toilets / staff toilets
- \* janitors' closets
- \* the exterior skin of the building

**Table F-8  
YEAR 2040 COURTROOM MIX BY COURT**

Litigation Space	Approximate Size (NSF)	Approximate Dimensions	POTENTIAL MIX			TOTAL
			Chief Judge / Reserve	Felony	Misd. / DV / Traffic	
<div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;"><b>LARGE COURTROOM</b></div> 16-person Jury Box 130-140 Seating Capability (7-8 rows)	3,000	42' x 70'		2		<div style="border: 1px solid black; padding: 2px;">2</div>
<div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;"><b>STANDARD COURTROOM</b></div> 14-person Jury Box 70-80 Seating Capability (4 rows)	2,200	42' x 52'	1	14	3	<div style="border: 1px solid black; padding: 2px;">18</div>
<div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;"><b>NON-JURY COURTROOM</b></div> Non-Jury 50-60 Seating Capability (4-5 rows)	1,600	32' x 52'			6	<div style="border: 1px solid black; padding: 2px;">6</div>
<b>TOTAL</b>			<div style="border: 1px solid black; padding: 2px;">1</div>	<div style="border: 1px solid black; padding: 2px;">16</div>	<div style="border: 1px solid black; padding: 2px;">9</div>	<div style="border: 1px solid black; padding: 2px;">26</div>

Note: Current total is 25 courts: 1 Chief Judge / Reserve; 15 Felony; and 9 Misdemeanor / Domestic Violence. Two Commissioner Courts for Intake and Preliminary Hearings are intended to remain in the Criminal Justice Facility, resulting in 23 courts, plus 3 growth courts, for a total of 26.

**Table F-9  
PLANNING STANDARDS FOR COURTROOM SETS**

<b>COURTROOM AND SUPPORT SPACES</b>	<b>Large Jury Court</b>	<b>Standard Jury Court</b>	<b>Non-Jury Court</b>
Courtroom	3,000	2,200	1,600
Courtroom Entry Vestibule	80	80	80
Attorney Conference Room	160	160	160
Victim / Witness Waiting Room	160	160	160
Audio / Visual Closet	40	40	40
Short-term Evidence Storage	30	30	30
Public Waiting Area	<u>300</u>	<u>300</u>	<u>300</u>
<b>TOTAL NET SQUARE FOOTAGE</b>	<b>3,770</b>	<b>2,970</b>	<b>2,370</b>
<b>TOTAL DEPT. SQ. FOOTAGE (35% Grossing Factor)</b>	<b>5,090</b>	<b>4,010</b>	<b>3,200</b>
<b><u>Prisoner Holding Area</u></b>			
Courtfloor Holding Cell	120	120	120
Staging Area / Soundlock	100	100	100
Interview Booth	<u>60</u>	<u>60</u>	<u>60</u>
<b>TOTAL NET SQUARE FOOTAGE</b>	<b>280</b>	<b>280</b>	<b>280</b>
<b>TOTAL DEPT. SQ. FOOTAGE (50% Grossing Factor)</b>	<b>420</b>	<b>420</b>	<b>420</b>
<b>TOTAL DEPT. GROSS SQUARE FOOTAGE</b>	<b>5,510</b>	<b>4,430</b>	<b>3,620</b>
<b><u>Jury Deliberation Suite</u></b>			
Entry Vestibule / Galley Area	60	60	--
Toilets	100	100	--
Deliberation Room	<u>400</u>	<u>400</u>	<u>--</u>
<b>TOTAL NET SQUARE FOOTAGE</b>	<b>560</b>	<b>560</b>	<b>0</b>
<b>TOTAL DEPT. SQ. FOOTAGE (25% Grossing Factor)</b>	<b>700</b>	<b>700</b>	<b>0</b>

**Table F-10  
JUDICIAL CHAMBER AREA**

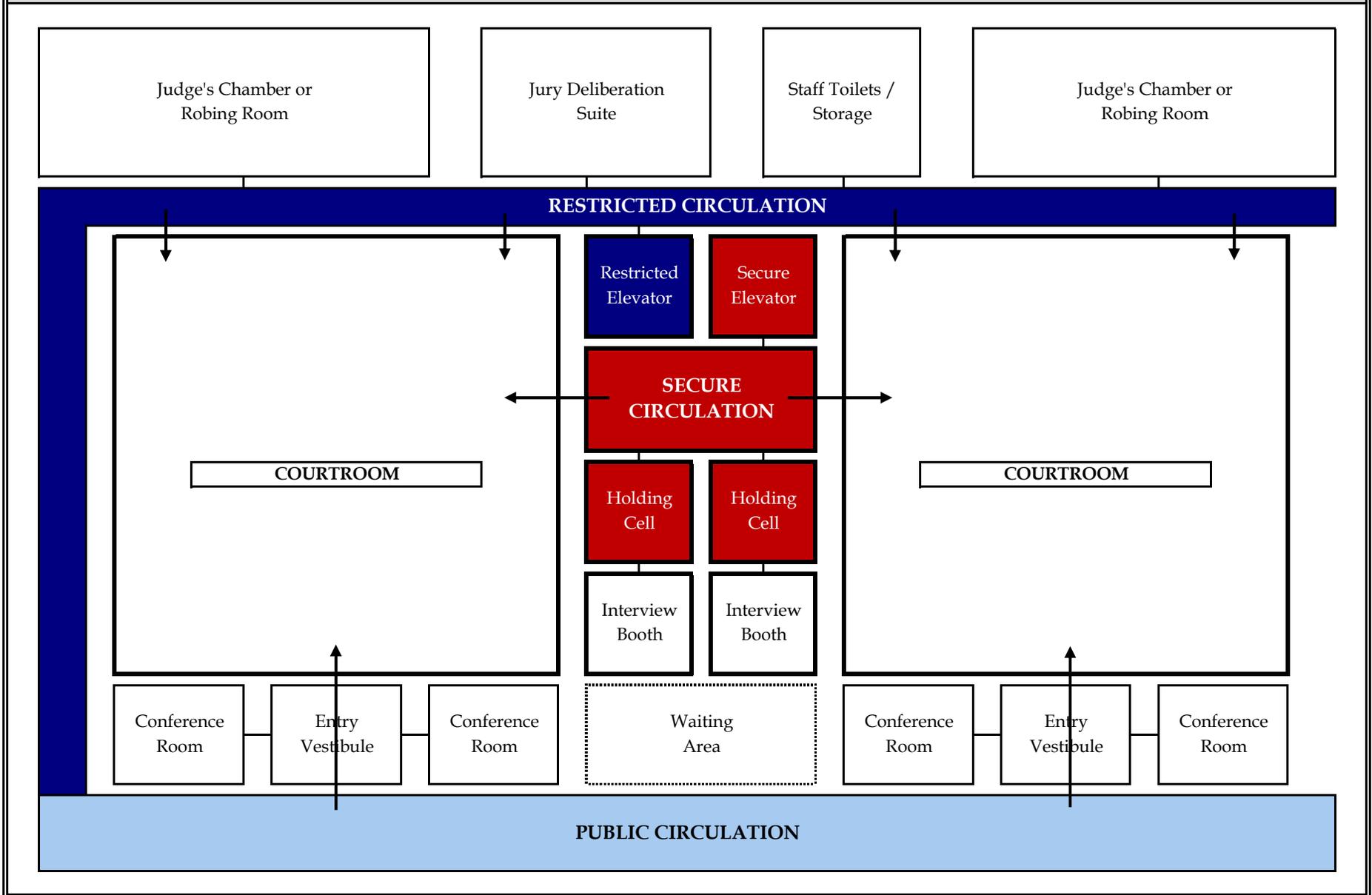
Chamber Component	CHIEF JUDGE CHAMBER			RESIDENT JUDGE CHAMBER			COMMISSIONER CHAMBER		
	Unit	NSF	DGSF	Unit	NSF	DGSF	Unit	NSF	DGSF
<b><u>Judicial Chamber Suite</u></b>									
Judge / Commissioner Office	1	500	675	1	500	675	1	320	432
Administrative Assistant Workstation	1	80	108	1	80	108	1	80	108
Law Clerk Office	1	120	162	1	120	162	0	0	0
Court Reporter Office	1	120	162	1	120	162	0	0	0
Reception Area	1	140	189	1	140	189	1	100	135
File / Equipment Area	1	100	135	1	100	135	1	60	81
Toilet	1	50	68	1	50	68	1	50	68
Judge Vestibule	1	50	68	1	50	68	1	50	68
Coat Closet / Galley Area	1	20	27	1	20	27	1	20	27
<b>TOTAL</b>		<b>1,180</b>	<b>1,593</b>		<b>1,180</b>	<b>1,593</b>		<b>680</b>	<b>918</b>
<b>Number of Chambers</b>		<b>1</b>			<b>24</b>			<b>1</b>	

*Staff shown per judge is based on the recommendation of the Wisconsin Supreme Court Rules 68.12 of three full-time staff per judge.*

*Due to funding reality, the chamber suites may be modified to provide shared law clerk space at a ratio of less than 1:1 per judge.*

Note: Departmental gross square footage is based on a 35 percent factor.

**Table F-11  
HYPOTHETICAL COURTROOM SET**



**Table F-12  
JUDICIAL COMPONENT SPACE PROJECTIONS**

Component	EXISTING CONDITIONS				CURRENT NEEDS			YEAR 2030 SPACE NEEDS			YEAR 2040 SPACE NEEDS		
	2015 Unit	DGSF/ Unit	Total DGSF	Spatial Rating	2015 Unit	DGSF Factor	Total DGSF	2030 Unit	DGSF Factor	Total DGSF	2040 Unit	DGSF Factor	Total DGSF
<b>A. CIRCUIT COURTS</b>	23			2.0	23	5,442	125,175	25	5,588	139,700	26	5,434	141,293
<b>1. Courtroom Sets</b>					23		89,211	25		100,550	26		100,550
<i>a. Large Court Set</i>					1	5,510	5,510	2	5,510	11,019	2	5,510	11,019
<i>Jury Deliberation Suite</i>					1	700	700	2	700	1,400	2	700	1,400
<i>b. Standard Court Set</i>					17	4,430	75,302	18	4,430	79,731	18	4,430	79,731
<i>Jury Deliberation Suite</i>					11	700	7,700	12	700	8,400	12	700	8,400
<i>c. Non-Jury Court Set</i>					5	3,620	18,098	5	3,620	18,098	6	3,620	21,717
<i>Jury Deliberation Suite</i>					0	700	-	0	700	-	0	700	-
<b>2. Judicial Chamber Area</b>							35,964			39,150			40,743
<i>a. Chief Judge Chambers</i>					1	1,593	1,593	1	1,593	1,593	1	1,593	1,593
<i>b. Resident Judge Chambers</i>					21	1,593	33,453	23	1,593	36,639	24	1,593	38,232
<i>c. Commissioner Chambers</i>					1	918	918	1	918	918	1	918	918
<b>B. COURT ADMINISTRATION</b>	11	507	5,582	5.0	11	400	4,400	14	375	5,250	17	350	5,950
<b>C. CIRCUIT CLERK</b>	99	189	18,705	5.0	99	252	24,915	107	237	25,410	113	228	25,755
<i>a. Administration / Finance</i>	15	238	3,571	6.0	15	325	4,875	16	320	5,120	17	315	5,355
<i>b. JIS (Split in Future)</i>	2	904	1,808	7.0	2	1,000	2,000	2	800	1,600	2	800	1,600
<i>c. Criminal Division</i>	82	163	13,326	2.0	82	220	18,040	89	210	18,690	94	200	18,800
<i>d. Jury Management</i>					<i>Shown with Court Support</i>			<i>Shown with Court Support</i>			<i>Shown with Court Support</i>		

**Table F-12 (Continued)**  
**JUDICIAL COMPONENT SPACE PROJECTIONS**

Component	EXISTING CONDITIONS				CURRENT NEEDS			YEAR 2030 SPACE NEEDS			YEAR 2040 SPACE NEEDS		
	2015 Unit	DGSF/ Unit	Total DGSF	Spatial Rating	2015 Unit	DGSF Factor	Total DGSF	2030 Unit	DGSF Factor	Total DGSF	2040 Unit	DGSF Factor	Total DGSF
<b>D. DISTRICT ATTORNEY</b>	174	229	39,816	2.0	174	303	52,640	201	284	57,030	216	274	59,160
<i>a. Public Safety Building Staff</i>	152				152	300	45,600	176	280	49,280	188	270	50,760
<i>b. Victim/Witness Division</i>	22				22	320	7,040	25	310	7,750	28	300	8,400
<b>E. JUSTICEPOINT PRETRIAL</b>	42	223	9,357	3.0	42	300	12,600	63	290	18,270	71	280	19,880
<b>F. PUBLIC DEFENDER</b>							2,500			2,500			2,500
<b>G. WCS</b>	11	161	1,771	4.0	11	350	3,850	13	340	4,420	15	330	4,950
<i>a. Drug Testing</i>	3				3			3			4		
<i>b. OWI Program</i>	8				8			10			11		
<b>H. SHERIFF'S OFFICE</b>							8,700			8,950			9,200
<i>a. Courthouse Security</i>							1,500			1,750			2,000
<i>b. Central Holding</i>							5,000			5,000			5,000
<i>c. Vehicle Sallyport</i>							2,200			2,200			2,200
<b>I. COURT SUPPORT (Table F-13)</b>							10,665			10,665			10,665
<b>J. FACILITY SUPPORT (Table F-13)</b>							22,135			22,135			22,135
<b>TOTALS</b>					<b>360</b>	<b>736</b>	<b>265,080</b>	<b>423</b>	<b>696</b>	<b>294,330</b>	<b>458</b>	<b>658</b>	<b>301,488</b>

**Table F-13  
COURT AND FACILITY SUPPORT SPACES**

	YEAR 2040 NEEDS		
	NSF	Grossing	DGSF
<b>COURT SUPPORT SPACES</b>	<b>8,900</b>	<b>1.20</b>	<b>10,665</b>
1. Jury Assembly / Multi-Purpose Room	4,000	1.20	4,800
2. Judicial Conference Room	1,400	1.20	1,680
3. Community Services / Probation Intake Workroom	1,000	1.25	1,250
4. Domestic Violence Intake Workroom	600	1.25	750
5. Law Enforcement Officer Workroom	300	1.15	345
6. Bar Association Workroom	300	1.15	345
7. Media / Press Room	300	1.15	345
8. Flex Space	1,000	1.15	1,150
<b>FACILITY SUPPORT SPACES</b>	<b>19,900</b>	<b>1.11</b>	<b>22,135</b>
1. Entry Vestibule / Security Checkpoint / Facility Control	2,400	1.15	2,760
2. Public Lobby	6,000	1.15	6,900
3. First Aid Room	200	1.15	230
4. Central Mail Room	400	1.15	460
5. Vending / Concession Area	500	1.15	575
6. Staff Breakrooms / Staff Toilets	2,800	1.15	3,220
7. Loading Dock (covered portion only)	300	1.15	345
8. Bulk Storage Room	1,200	1.15	1,380
9. Recycling / Trash Area	300	1.15	345
10. Custodial Area	800	1.15	920
11. Programming Contingency Allowance	5,000	1.00	5,000

Grossing Key: 1.15 = Room only; 1.20 = Some Partitioning; 1.25 = Partitioning/Minimal Circulation; 1.30-1.35 = Partitioning/Typical Circulation; 1.40-1.50 = Extensive Partitioning/Circulation.

**NEW CRIMINAL COURTHOUSE SCENARIOS**

SECTION F: SCENARIOS AND COST ESTIMATES

NEW CRIMINAL COURTHOUSE SCENARIOS

Two new courthouse scenarios were developed for Milwaukee County. These scenarios are presented in Table F-14.

➤ **Scenario #1:** This scenario is considered the Maximum Scenario. It envisions a building of approximately 425,000 square feet, with an additional 16,000 square feet for 40 secure parking spaces for judges and selected staff. It provides for 26 Courts (1 Chief Judge and 25 Criminal), as well as area for District Court Administration, the Administrative and Criminal Divisions of the Circuit Clerk’s Office, and ancillary court and facility support spaces. The Sheriff’s Office is provided space for court security, central holding, and a vehicle sallyport. In addition, office space is provided for JusticePoint Pretrial Services and Wisconsin Community Services. Over time, these last two functions could be easily displaced from the building in order to achieve up to four additional courtroom sets. Although projections have been generated to 2040, the building should be constructed to last far beyond that horizon. This approach provides the County and Court with a functional and economical way to expand the courts, as required, to achieve very long-term operational value from the building.

This scenario also includes the entire operation of the District Attorney’s Office to the year 2040. The District Attorney’s Office will require approximately 60,000 square feet for its 200+ staff positions.

➤ **Scenario #2:** This scenario is considered the Minimum Scenario. It envisions a building of approximately 360,000 square feet, with an additional 16,000 square feet for a secure parking area. It is identical to Scenario #1, except that the main office of the District Attorney is not included in the new building. Space is provided for the Victim/Witness Unit as well as for Trial Preparation. The main office would be housed in a location to be determined, but ideally would be in close proximity to the new Criminal Courthouse.

Scenario #2 is the recommendation of the Consultant. This scenario is believed to provide the best value to the County. Courthouse construction, on a per square foot basis, is very costly in comparison to typical office space, for instance. The Consultant believes that building, or leasing, generic office space for the District Attorney would be far less costly than including the entire 60,000 square foot operation in a new courthouse. The recommended Scenario #2 serves as the basis for the following site plan analysis. If the County chooses instead to implement Scenario #1, the site plans could, for illustration purposes, simply be modified to include two additional floors.

Table F-15 describes the future expansion capability of Scenario #2. The Historic Courthouse can accommodate up to 39 litigation spaces, while the new Criminal Courthouse could potentially increase up to 30. The 69 total litigation spaces provide five additional beyond the 2040 projection of 64 judicial officers downtown. This growth should satisfy the needs of the Milwaukee County Judicial System well into the second half of the 21<sup>st</sup> Century.

**Table F-14  
NEW COURTHOUSE SCENARIOS**

<i>SCENARIOS</i>	<b>SCENARIO #1: MAXIMUM</b>			<b>SCENARIO #2: MINIMUM</b>		
	<b>Component</b>	<b>Courts</b>	<b>Staff</b>	<b>DGSF</b>	<b>Courts</b>	<b>Staff</b>
<b>COURTS</b>	<b>26 Courts</b>			<b>26 Courts</b>		
A. Circuit Court	26 Courts	104	141,293	26 Courts	104	141,293
<b>PRIMARY COMPONENTS</b>						
B. District Court Administration	(2040)	17	5,950	(2040)	17	5,950
C. Circuit Clerk						
Administration:	(2040)	17	5,355	(2040)	17	5,355
Judicial Information Systems:	(2040)	2	1,600	(2040)	2	1,600
Criminal Division:	(2040)	94	18,800	(2040)	94	18,800
<b>OTHER COMPONENTS</b>						
D. District Attorney						
Safety Building Staff:		188	50,760		N/A *	N/A *
Victim / Witness:		28	8,400	(2040)	28	8,400
Trial Prep Workspace:		N/A *	N/A *			5,000
E. JusticePoint Pretrial	(2040)	71	19,880	(2040)	71	19,880
F. Public Defender Workspace			2,500			2,500
G. Wisconsin Community Services	(2040)	15	4,950	(2040)	15	4,950
H. Sheriff's Office						
Court Security / Holding / Sallyport:	(2040)		9,200	(2040)		9,200
I. Court Support Spaces	(2040)		10,665	(2040)		10,665
J. Facility Support Spaces	(2040)		22,135	(2040)		22,135
<b>SUBTOTAL</b>	<b>26 Courts</b>	<b>536</b>	<b>301,488</b>	<b>26 Courts</b>	<b>348</b>	<b>255,728</b>
<b>Mechanical / Electrical Factor</b>		<b>11%</b>	<b>+ 33,164</b>		<b>11%</b>	<b>+ 28,130</b>
<b>TOTAL DGSF AND M&amp;E</b>			<b>334,652</b>			<b>283,858</b>
<b>Building Grossing Factor</b>		<b>27%</b>	<b>+ 90,356</b>		<b>27%</b>	<b>+ 76,642</b>
<b>NEW COURTHOUSE SIZE</b>			<b>425,008</b>			<b>360,500</b>
<b>Secure Parking Area</b>	40 Spaces	400	16,000	40 Spaces	400	16,000
<b>TOTAL BUILDING SIZE WITH PARKING</b>			<b>441,008</b>			<b>376,500</b>

Notes: (1) In Scenario #1, the entire District Attorney's Office is accommodated in the new building. In Scenario #2, only Victim / Witness and Trial Prep are accommodated.  
(2) Components E and G total 24,830 DGSF, which is the approximate size of four future courtsets - 24,680 DGSF (3 Standard, 1 Non-Jury, 2 Jury Rooms, and 4 Chambers).

**Table F-15  
FUTURE EXPANSION CAPABILITY - MINIMUM SCENARIO**

<b>HISTORIC COURTHOUSE</b>	<p>33 Judges and Commissioners in 2015 (32 Civil / Family / Probate and 1 Presiding Commissioner) + 5 Projected New Judges and Commissioners by 2040 <hr/><b>38 Civil / Family / Probate Judicial Officers by 2040</b></p> <p>37 Existing Litigation Spaces (33 Courtrooms and 4 Hearing Rooms) + 2 New Courtrooms on 7th Floor <hr/><b>39 Total Litigation Spaces</b></p> <p>4 Existing Growth Courtrooms from 2015 (33 Judicial Officers / 37 Courtrooms) 1 New Growth Courtroom (7th Floor) to meet 2040 need (38 Judicial Officers / 38 Courtrooms) + 1 New Growth Courtroom (7th Floor) beyond 2040 (39 Judicial Officers / 39 Courtrooms) <hr/><b>6 TOTAL GROWTH COURTROOMS FROM 2015 (+1 Beyond 2040)</b></p>
<b>NEW CRIMINAL COURTHOUSE</b>	<p>23 Judges and Commissioners in 2015 (22 Criminal and 1 Chief Judge) + 3 Projected New Judges and Commissioners by 2040 <hr/><b>26 Criminal Judicial Officers by 2040</b></p> <p>26 Proposed Litigation Spaces (26 Courtrooms) + 4 Potential Courtrooms through displacement of JusticePoint &amp; Wisconsin Community Services <hr/><b>30 Total Litigation Spaces</b></p> <p>3 Growth Courtrooms from 2015 to meet 2040 need (23 Judicial Officers / 26 Courtrooms) + 4 Additional Growth Courtrooms beyond 2040 (30 Judicial Officers / 30 Courtrooms) <hr/><b>7 TOTAL GROWTH COURTROOMS FROM 2015 (+4 Beyond 2040)</b></p>
<b>TOTAL</b>	<p>56 Judges and Commissioners in 2015 + 8 Projected New Judges and Commissioners by 2040 <hr/><b>64 Judicial Officers by 2040</b></p> <p>63 Existing and Proposed Litigation Spaces 2 New Historic Courthouse Courtrooms on 7th Floor + 4 Potential Criminal Courthouse Courtrooms through displacement <hr/><b>69 Total Litigation Spaces (+5 Beyond 2040)</b></p>

Note: The Criminal Justice Facility would continue to house two commissioners and their two courtrooms.

**SECTION F: SCENARIOS AND COST ESTIMATES**

**SITE PLANS**

Two sites are proposed for the new Criminal Courthouse. Option 1 is the existing Safety Building site. Option 2 is currently a County-owned parking lot at the corner of 6<sup>th</sup> and State Streets. Other potential sites were considered, but ultimately discarded due to size constraints or security concerns.

Table F-16 shows a site plan of the downtown campus, with the two potential locations for the Criminal Courthouse. Preliminarily, the new facility is envisioned to be 10 stories above grade. In these site studies, there would be a two-story base to the building, consisting of approximately 45,000 square feet per floor. There would be an eight-story courtroom tower, consisting of four courtrooms per floor at approximately 30,000 square feet each. There would be a 30,000-square-foot basement, containing central holding, a secure sallyport, and mechanical spaces, plus approximately 16,000 square feet for secure judicial parking. A detailed programming process, and an actual design, would be required to move beyond this simple site planning concept.

Tables F-17 through F-19 show potential siting, orientation, and elevation on each site. Site 1, the Safety Building site, is believed to represent the best long-term option for the County and Courts. This solves the numerous physical and operational issues of the Safety Building, through its removal. This is also the ideal location for a Courthouse due to its ability to connect with both the Historic Courthouse and the Criminal Justice Facility. This aids in the ability to share staff and resources, simplifies public and attorney movement issues, and simplifies detainee movement issues. This location also provides the opportunity to re-

invigorate MacArthur Square, as the entrances to both courthouses could operate off the park.

Site 2 at 6<sup>th</sup> and State Streets was also studied, as the Consultant felt obligated to present the County with alternatives. Of all the other potential locations in fairly close proximity to the Historic Courthouse, Site 2 was believed to be the most viable. But that viability is only relative to sites that did not work at all, due to size or security concerns.

The chief advantage of Site 2 is the ability to build immediately on a relatively clear, County-owned site. The site currently serves as a surface parking lot, and is roughly equal in area to the Safety Building site. By selecting this site, the County would be able to avoid the immediate demolition of the Safety Building, and the short-term costs associated with relocating Safety Building occupants, while a new criminal courthouse is constructed on that site.

But the Consultant believes that the short-term cost savings would be a false economy in this case. As stated earlier, the 1929 design of the Safety Building as a mixed-use jail/courts/office building makes it extremely inefficient for any other function. Renovation would be prohibitively expensive, perhaps nearly equivalent in total project cost to that of a new criminal courthouse. And the sheer volume of deferred maintenance makes it extremely difficult to continue its ongoing use without extensive renovations. In essence, the building needs to be torn down in any case, and doing it in conjunction with the creation of a new criminal courthouse affords the County the best possible reuse of that site.

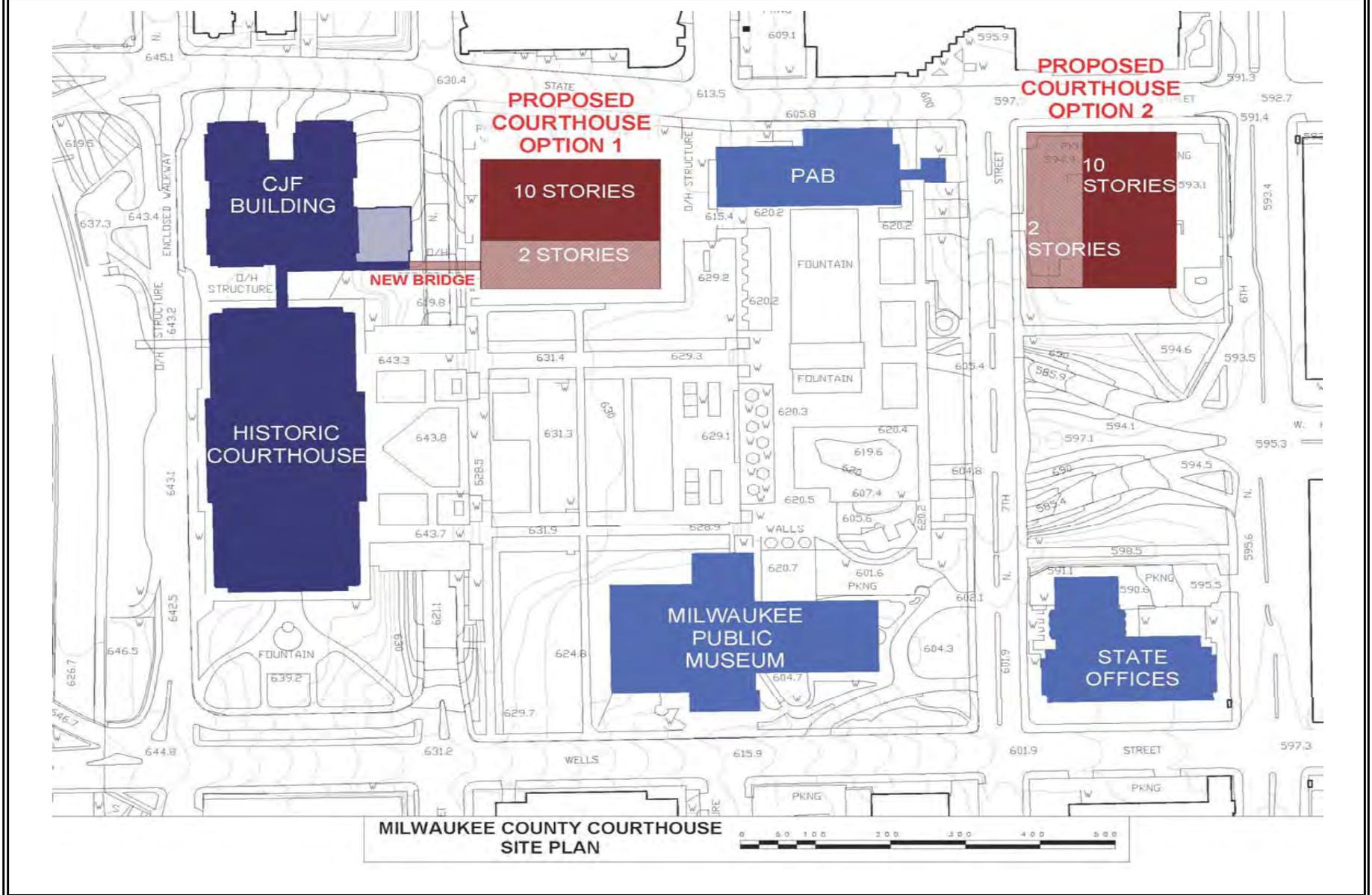
**SECTION F: SCENARIOS AND COST ESTIMATES**

In comparison with Site 1, Site 2 has numerous operational deficiencies. First, the public, judges, staff, and attorneys would all be physically disconnected from the Historic Courthouse by a distance of several blocks. And as noted earlier, that physical connection is a very important aspect of the daily operation of the Court. In fact, the desire to better consolidate the Courts was one of the original driving forces in performing this study.

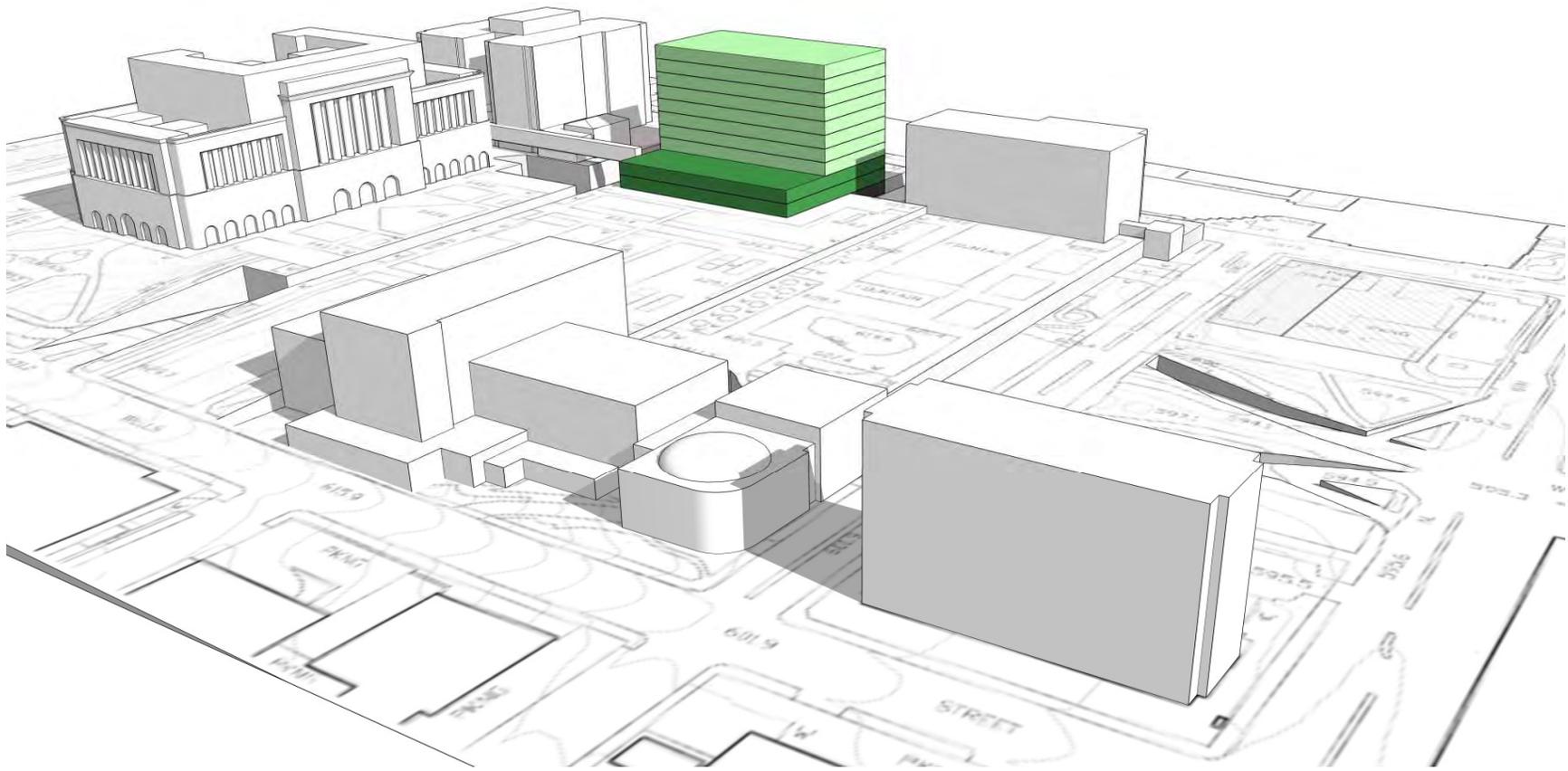
A further problem with the physical disconnection is the inability to develop a secure link between the Criminal Justice Facility and the 6<sup>th</sup> and State Streets location. That means that all defendants in custody going to the Felony and Misdemeanor Courts on Site 2 would have to be transported, back and forth from the Criminal Justice Facility, by vehicle.

Although Site 2 was the only alternative site available in proximity to the Historic Courthouse, with the requisite site area, and although it could in theory be developed as a site for a new criminal courthouse, it is the Consultant's definite recommendation that the new criminal courthouse be built on Site 1, the current site of the Safety Building. The Advisory Group strongly concurs with that recommendation.

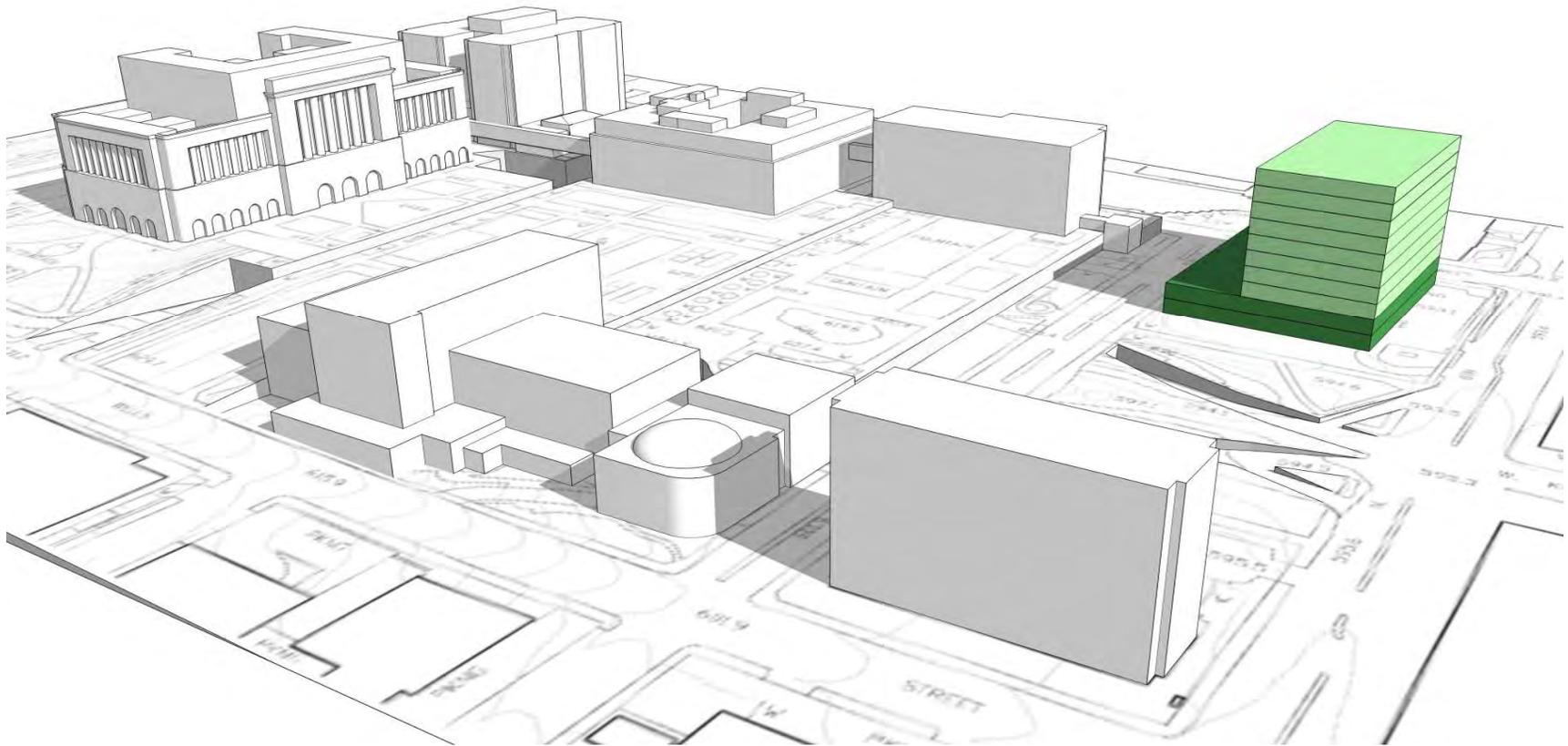
**Table F-16  
DOWNTOWN CAMPUS SITE PLAN**



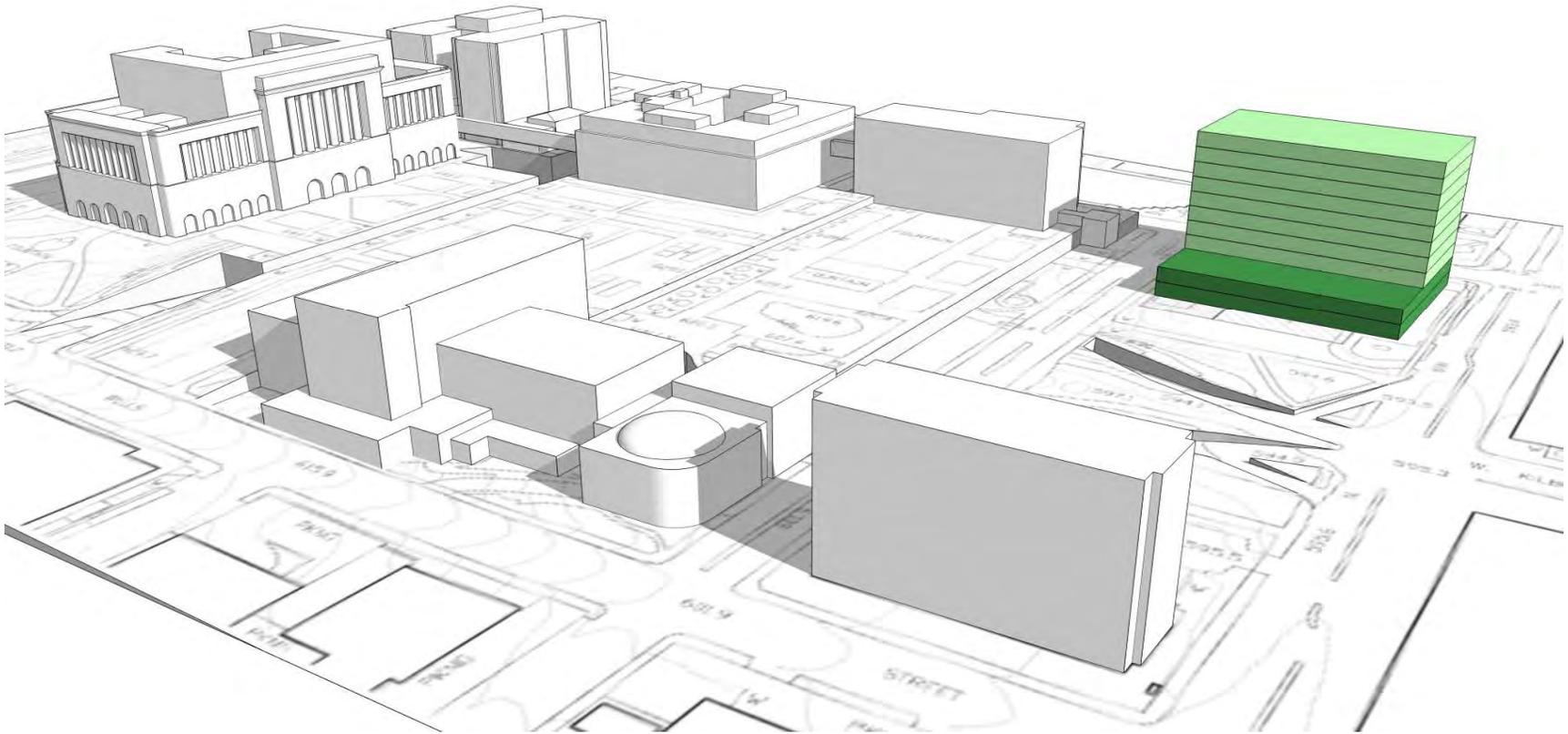
**Table F-17**  
**SITE 1 - SAFETY BUILDING SITE**



**Table F-18**  
**SITE 2 - 6TH AND STATE STREETS SITE**



**Table F-19**  
**SITE 2 - 6TH AND STATE STREETS SITE (Option)**



SECTION F: SCENARIOS AND COST ESTIMATES

**COST ESTIMATES**

Tables F-20 and F-21 present preliminary cost estimates for each scenario on each site. Cost estimates are comprehensive, and include construction costs, contingencies, escalation, and project costs for fees, technology, and furnishings.

Costs for a new building on the Safety Building site (Option 1) range from \$184 million for the Minimum Scenario, to \$213 million for the Maximum Scenario, in year 2020 dollars. Costs are based on a courthouse construction cost of \$320 per foot. Other associated costs include asbestos abatement of the Safety Building (\$5 million); demolition of the building (\$3 million); and potential demolition and reconstruction of bridges/building connectors (\$3 million). This estimate assumes four years of escalation to the mid-point of construction in 2020.

Costs for a new building on the 6<sup>th</sup> and State Streets site (Option 2) range from \$165 million for the Minimum Scenario to \$193 million for the Maximum Scenario in year 2019 dollars. This option does not require the costs associated with the Safety Building, and is believed to be achievable one year sooner since waiting for building demolition and occupant relocation would not be required. However, at some point in the near future the County would still incur the costs associated with renovating the Safety Building, or more likely, with removing and replacing it with something else. As noted earlier, removing it in conjunction with the development of a new criminal courthouse would afford the County the best possible use of the site.

**Table F-20  
NEW COURTHOUSE COST ESTIMATES**

**SAFETY BUILDING SITE (OPTION 1)**

Category	Unit	OPTION #1A MAXIMUM SCENARIO		OPTION #1B MINIMUM SCENARIO	
		Calculations	Costs	Calculations	Costs
<b>A. CONSTRUCTION COST</b>					
1. Building Construction	\$320 per Building Square Foot	x 425,008	\$136,002,443	x 360,500	\$115,359,924
2. Secure Parking	\$30,000 per Space	x 40 Spaces	\$1,200,000	x 40 Spaces	\$1,200,000
3. Sitework					
a. Asbestos Abatement of Safety Building	\$12.00 per Building Square Foot	x 413,000	\$4,956,000	x 413,000	\$4,956,000
b. Demolition of Safety Building / Bridges	\$8.00 per Building Square Foot	x 413,000	\$3,304,000	x 413,000	\$3,304,000
c. Site Development and Utilities	Approximately 2% of Construction		\$2,500,000		\$2,500,000
4. Building Connectors					
a. Public / Staff Bridge	\$15,000 per Linear Foot	x 100	\$1,500,000	x 100	\$1,500,000
b. Detainee Bridge	\$15,000 per Linear Foot	x 100	\$1,500,000	x 100	\$1,500,000
5. <b>SUBTOTAL BUILDING CONSTRUCTION</b>		<u>Per Square Foot</u> \$355.20	<b>\$150,962,443</b>	<u>Per Square Foot</u> \$361.50	<b>\$130,319,924</b>
<b>B. CONTINGENCY</b>					
1. Design / Construction Contingency	10% of Building Construction	x \$150,962,443	\$15,096,244	x \$130,319,924	\$13,031,992
2. <b>CONSTRUCTION COSTS (2016 Dollars)</b>		<u>Per Square Foot</u> \$390.72	<b>\$166,058,687</b>	<u>Per Square Foot</u> \$397.65	<b>\$143,351,916</b>
<b>C. ESCALATION</b>					
1. Future Escalation	3% per year to 2020 (4 years)	x \$166,058,687	\$19,927,042	x \$143,351,916	\$17,202,230
2. <b>ESCALATED COSTS (2020 Dollars)</b>	(Escalated to the mid-point of construction)	<u>Per Square Foot</u> \$437.61	<b>\$185,985,729</b>	<u>Per Square Foot</u> \$445.37	<b>\$160,554,146</b>
<b>D. OTHER PROJECT COSTS</b>					
1. Design Fees, Permits, Testing	11% of Building Construction	x \$166,058,687	\$18,266,456	x \$143,351,916	\$15,768,711
2. Security/Technology Allowance	\$12.00 per Building Square Foot	x 425,008	\$5,100,092	x 360,500	\$4,325,997
3. Furniture, Fixtures, and Equipment	\$10.00 per Building Square Foot	x 425,008	\$4,250,076	x 360,500	\$3,604,998
4. <b>SUBTOTAL OTHER PROJECT COSTS</b>		<u>Per Square Foot</u> \$64.98	<b>\$27,616,624</b>	<u>Per Square Foot</u> \$65.74	<b>\$23,699,706</b>
<b>E. TOTAL COST</b>					
1. <b>PROJECT COST (2020 Dollars)</b>		\$502.58	<b>\$213,602,353</b>	\$511.11	<b>\$184,253,852</b>

Note: Total costs may not calculate exactly based on square footages shown due to computer rounding of building gross areas.

**Table F-21  
NEW COURTHOUSE COST ESTIMATES**

**6TH & STATE STREETS SITE (OPTION 2)**

Category	Unit	OPTION #2A MAXIMUM SCENARIO		OPTION #2B MINIMUM SCENARIO	
		Calculations	Costs	Calculations	Costs
<b>A. CONSTRUCTION COST</b>					
1. Building Construction	\$320 per Building Square Foot	x 425,008	\$136,002,443	x 360,500	\$115,359,924
2. Secure Parking	\$30,000 per Space	x 40 Spaces	\$1,200,000	x 40 Spaces	\$1,200,000
3. Sitework					
a. Asbestos Abatement of Safety Building	\$12.00 per Building Square Foot	x 0	\$0	x 0	\$0
b. Demolition of Safety Building / Bridges	\$8.00 per Building Square Foot	x 0	\$0	x 0	\$0
c. Site Development and Utilities	Approximately 2% of Construction		\$2,500,000		\$2,500,000
4. Building Connectors					
a. Public / Staff Bridge	\$15,000 per Linear Foot	x 0	\$0	x 0	\$0
b. Detainee Tunnel	\$15,000 per Linear Foot	x 0	\$0	x 0	\$0
5. <b>SUBTOTAL BUILDING CONSTRUCTION</b>		<u>Per Square Foot</u> \$328.71	<b>\$139,702,443</b>	<u>Per Square Foot</u> \$330.26	<b>\$119,059,924</b>
<b>B. CONTINGENCY</b>					
1. Design / Construction Contingency	10% of Building Construction	x \$139,702,443	\$13,970,244	x \$119,059,924	\$11,905,992
2. <b>CONSTRUCTION COSTS (2016 Dollars)</b>		<u>Per Square Foot</u> \$361.58	<b>\$153,672,687</b>	<u>Per Square Foot</u> \$363.29	<b>\$130,965,916</b>
<b>C. ESCALATION</b>					
1. Future Escalation	3% per year to 2019 (3 years)	x \$153,672,687	\$13,830,542	x \$130,965,916	\$11,786,932
2. <b>ESCALATED COSTS (2019 Dollars)</b>	(Escalated to the mid-point of construction)	<u>Per Square Foot</u> \$394.12	<b>\$167,503,229</b>	<u>Per Square Foot</u> \$395.99	<b>\$142,752,849</b>
<b>D. OTHER PROJECT COSTS</b>					
1. Design Fees, Permits, Testing	11% of Building Construction	x \$153,672,687	\$16,903,996	x \$130,965,916	\$14,406,251
2. Security/Technology Allowance	\$12.00 per Building Square Foot	x 425,008	\$5,100,092	x 360,500	\$4,325,997
3. Furniture, Fixtures, and Equipment	\$10.00 per Building Square Foot	x 425,008	\$4,250,076	x 360,500	\$3,604,998
4. <b>SUBTOTAL OTHER PROJECT COSTS</b>		<u>Per Square Foot</u> \$61.77	<b>\$26,254,164</b>	<u>Per Square Foot</u> \$61.96	<b>\$22,337,246</b>
<b>E. TOTAL COST</b>					
1. <b>PROJECT COST (2019 Dollars)</b>		\$455.89	<b>\$193,757,392</b>	\$457.95	<b>\$165,090,094</b>

Note: Total costs may not calculate exactly based on square footages shown due to computer rounding of building gross areas.

**FINAL RECOMMENDATIONS AND NEXT STEPS**

SECTION F: SCENARIOS AND COST ESTIMATES

FINAL RECOMMENDATIONS AND NEXT STEPS

Based on the conclusions of the study, it is recommended that a new Criminal Courthouse of approximately 360,000 square feet be developed on the existing Safety Building site (Option 1B).

At this point, there is additional investigation and problem-solving to be performed. Assuming Option 1B is approved, it is envisioned that the remainder of 2016, and some time beyond, should be dedicated to planning for the following:

- Potential swing space for Safety Building occupants. This would potentially include space for the nine Criminal Courts, Criminal Clerk, Court Administration, District Attorney, Sheriff’s Office, JusticePoint Pretrial Services, Wisconsin Community Services, and other County functions.
- Potential permanent space for displaced occupants such as the District Attorney and Sheriff’s Office.
- Additional study of Historic Courthouse occupants to determine potential renovation/restacking plans and recommended system upgrades. As part of that project, potential swing space or permanent relocation space may need to be identified.
- Finally, but not as urgently, consideration should be given to potential renovations and systems upgrades at the Juvenile Justice Center.

POTENTIAL ADDITIONAL COSTS

Potential Swing Space for Safety Building Occupants

Potential Permanent Space for Displaced Safety Building Occupants

Potential Historic Courthouse Systems Upgrades / Renovations

Potential Relocation / Swing Space for Historic Courthouse Occupants

Potential Juvenile Justice Center Systems Upgrades / Renovations



**APPENDIX A: SITE DIAGRAMS AND FLOORPLANS**

**APPENDIX A: SITE DIAGRAMS AND FLOORPLANS**

**APPENDIX A: SITE DIAGRAMS AND FLOORPLANS**

This section contains site diagrams of the existing court facilities, as well as floorplans for the Historic Courthouse, Safety Building, Juvenile Justice Center, and court-occupied portions of the Criminal Justice Facility. The floorplans have been color-coded to show current locations and square footages of court-related occupants.

The following four tables document the square footages for each component by building. Appendix 1 provides an overall summary for the three court facilities. Appendix 2 provides a summary of the Historic Courthouse. Appendix 3 provides a summary of the Safety Building. Appendix 4 provides a summary of the Juvenile Justice Center.

Two types of square footages are shown on the tables. DGSF represents Departmental Gross Square Feet. DGSF is the area utilized by an agency or component. It includes all net spaces, plus the square footage required for internal circulation and wall partitioning. BGSF represents Building Gross Square Feet. BGSF is the total area of the facility. It includes the building skin, all public circulation, elevators, stairs, toilets, mechanical spaces, and all departmental areas.

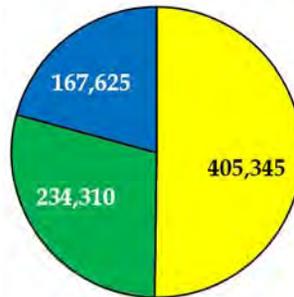
**Appendix 1  
SUMMARY OF ALL BUILDING SPACES AND SQUARE FOOTAGES**

FACILITY	COMPONENT	COURT FUNCTIONS		NON-EVALUATED		VACANT		TOTAL DGSF		TOTAL BGSF	
		DGSF	% of Total	DGSF	% of Total	DGSF	% of Total	DGSF	% of Total	BGSF	DGSF %
<b>HISTORIC COURTHOUSE</b>	Circuit Court	180,517	45%					180,517	45%		
	Circuit Clerk	33,046	8%					33,046	8%		
	Child Support Services	26,850	7%					26,850	7%		
	Court Administration	5,971	1%					5,971	1%		
	Jury Management	5,184	1%					5,184	1%		
	Milwaukee Justice Center	4,299	1%					4,299	1%		
	Law Library	2,141	1%					2,141	1%		
	DA / Family Peace Center	1,053	0.3%					1,053	0.3%		
	Restraining Order Clinic	444	0.1%					444	0.1%		
	County Functions			145,840	36%			145,840	36%		
<b>TOTAL</b>		<b>259,505</b>	<b>64%</b>	<b>145,840</b>	<b>36%</b>	<b>0</b>	<b>0%</b>	<b>405,345</b>	<b>100%</b>	<b>717,883</b>	<b>56%</b>
<b>SAFETY BUILDING</b>	Sheriff's Office	50,344	21%					50,344	21%		
	District Attorney	39,816	17%					39,816	17%		
	Circuit Court	38,958	17%					38,958	17%		
	Circuit Clerk - Criminal	13,326	6%					13,326	6%		
	JusticePoint Pretrial Services	9,357	4%					9,357	4%		
	Court Administration	4,126	2%					4,126	2%		
	Wisconsin Community Services	1,771	1%					1,771	1%		
	Community Corrections	444	0.2%					444	0.2%		
	County Functions / Gym			39,345	17%			39,345	17%		
	Former Jail Space					36,823	16%	36,823	16%		
<b>TOTAL</b>		<b>158,142</b>	<b>67%</b>	<b>39,345</b>	<b>17%</b>	<b>36,823</b>	<b>16%</b>	<b>234,310</b>	<b>100%</b>	<b>413,062</b>	<b>57%</b>
<b>JUVENILE JUSTICE CTR.</b>	Circuit Court	38,235	23%					38,235	23%		
	District Attorney	17,483	10%					17,483	10%		
	Guardian ad Litem	5,726	3%					5,726	3%		
	Circuit Clerk - Juvenile	5,421	3%					5,421	3%		
	Sheriff's Office	3,358	2%					3,358	2%		
	Jury Management	1,905	1%					1,905	1%		
	JJC Support Spaces	1,885	1%					1,885	1%		
	Court Administration	1,710	1%					1,710	1%		
	Public Defender	1,237	1%					1,237	1%		
	DHHS / Detention Facility			90,665	54%			90,665	54%		
<b>TOTAL</b>		<b>76,960</b>	<b>46%</b>	<b>90,665</b>	<b>54%</b>	<b>0</b>	<b>0%</b>	<b>167,625</b>	<b>100%</b>	<b>260,910</b>	<b>64%</b>

**Appendix 1 (Continued)**  
**SUMMARY OF ALL BUILDING SPACES AND SQUARE FOOTAGES**

FACILITY	COMPONENT	COURT FUNCTIONS		NON-EVALUATED		VACANT		TOTAL DGSF		TOTAL BGSF	
		DGSF	% of Total	DGSF	% of Total	DGSF	% of Total	DGSF	% of Total	BGSF	DGSF %
<b>ALL FACILITIES</b>	Circuit Court	257,710	32%					257,710	32%		
	District Attorney	57,299	7%					57,299	7%		
	Sheriff's Office	53,702	7%					53,702	7%		
	Circuit Clerk	51,793	6%					51,793	6%		
	Child Support Services	26,850	3%					26,850	3%		
	Court Administration	11,807	1%					11,807	1%		
	JusticePoint Pretrial Services	9,357	1%					9,357	1%		
	Jury Management	7,089	1%					7,089	1%		
	Guardian Ad Litem	5,726	1%					5,726	1%		
	Milwaukee Justice Center	4,299	1%					4,299	1%		
	Law Library	2,141	0.3%					2,141	0.3%		
	JJC Support Spaces	1,885	0.2%					1,885	0.2%		
	Wisconsin Community Services	1,771	0.2%					1,771	0.2%		
	Public Defender	1,237	0.2%					1,237	0.2%		
	DA / Family Peace Center	1,053	0.1%					1,053	0.1%		
	Community Corrections	444	0.1%					444	0.1%		
	Restraining Order Clinic	444	0.1%					444	0.1%		
	Non-Court Space			275,850	34%			275,850	34%		
Former Jail Space					36,823	5%	36,823	5%			
<b>TOTAL</b>		<b>494,607</b>	<b>61%</b>	<b>275,850</b>	<b>34%</b>	<b>36,823</b>	<b>5%</b>	<b>807,280</b>	<b>100%</b>	<b>1,391,855</b>	<b>58%</b>

**TOTAL DEPARTMENTAL GROSS SQUARE FEET**



■ Historic Courthouse   
 ■ Safety Building   
 ■ Juvenile Justice Center

**Appendix 2**  
**SUMMARY OF BUILDING SPACES AND SQUARE FOOTAGES - HISTORIC COURTHOUSE**

HISTORIC COURTHOUSE		COURT FUNCTIONS		NON-EVALUATED		VACANT		TOTAL DGSF		TOTAL BGSF	
		DGSF	% of Total	DGSF	% of Total	DGSF	% of Total	DGSF	% of Total	BGSF	DGSF %
FLOOR	COMPONENT										
BASEMENT	County Functions										
	<b>SUBTOTAL</b>									88,136	-
GROUND	Child Support Services	10,032	19%					10,032	19%		
	Milwaukee Justice Center	4,299	8%					4,299	8%		
	Circuit Clerk - Civil	2,959	6%					2,959	6%		
	Law Library	2,141	4%					2,141	4%		
	County Functions			33,521	100%			33,521	63%		
	<b>SUBTOTAL</b>	<b>19,431</b>	<b>37%</b>	<b>33,521</b>	<b>63%</b>	<b>0</b>	<b>0%</b>	<b>52,952</b>	<b>100%</b>	<b>88,881</b>	<b>60%</b>
FIRST	Child Support Services	7,233	17%					7,233	17%		
	Circuit Clerk - Civil	6,436	16%					6,436	16%		
	Jury Management	5,184	13%					5,184	13%		
	Circuit Clerk - Administration	3,571	9%					3,571	9%		
	County Functions			19,025	100%			19,025	46%		
	<b>SUBTOTAL</b>	<b>22,424</b>	<b>54%</b>	<b>19,025</b>	<b>46%</b>	<b>0</b>	<b>0%</b>	<b>41,449</b>	<b>100%</b>	<b>78,149</b>	<b>53%</b>
FIRST MEZZANINE	Circuit Clerk - Probate	5,206	15%					5,206	15%		
	Circuit Clerk - Civil	5,200	15%					5,200	15%		
	Circuit Clerk - JIS	1,808	5%					1,808	5%		
	Child Support Services	9,358	27%					9,358	27%		
	County Functions			12,958	100%			12,958	38%		
	<b>SUBTOTAL</b>	<b>21,572</b>	<b>62%</b>	<b>12,958</b>	<b>38%</b>	<b>0</b>	<b>0%</b>	<b>34,530</b>	<b>100%</b>	<b>52,068</b>	<b>66%</b>
SECOND	Circuit Court	7,709	15%					7,709	15%		
	Circuit Clerk - Probate	6,971	13%					6,971	13%		
	County Functions			37,309	100%			37,309	72%		
	<b>SUBTOTAL</b>	<b>14,680</b>	<b>28%</b>	<b>37,309</b>	<b>72%</b>	<b>0</b>	<b>0%</b>	<b>51,989</b>	<b>100%</b>	<b>71,736</b>	<b>72%</b>
THIRD	Circuit Court	1,862	4%					1,862	4%		
	County Functions			43,027	100%			43,027	96%		
	<b>SUBTOTAL</b>	<b>1,862</b>	<b>4%</b>	<b>43,027</b>	<b>96%</b>	<b>0</b>	<b>0%</b>	<b>44,889</b>	<b>100%</b>	<b>65,655</b>	<b>68%</b>
FOURTH	Circuit Court	44,925	98%					44,925	98%		
	Circuit Clerk - Civil	895	2%					895	2%		
	<b>SUBTOTAL</b>	<b>45,820</b>	<b>100%</b>	<b>0</b>	<b>0%</b>	<b>0</b>	<b>0%</b>	<b>45,820</b>	<b>100%</b>	<b>65,671</b>	<b>70%</b>

**Appendix 2 (Continued)**  
**SUMMARY OF BUILDING SPACES AND SQUARE FOOTAGES - HISTORIC COURTHOUSE**

FLOOR	COMPONENT	COURT FUNCTIONS		NON-EVALUATED		VACANT		TOTAL DGSF		TOTAL BGSF	
		DGSF	% of Total	DGSF	% of Total	DGSF	% of Total	DGSF	% of Total	BGSF	DGSF %
FOURTH MEZZANINE	Circuit Court	9,139	91%					9,139	91%		
	Court Administration	852	9%					852	9%		
	<b>SUBTOTAL</b>	<b>9,991</b>	<b>100%</b>	<b>0</b>	<b>0%</b>	<b>0</b>	<b>0%</b>	<b>9,991</b>	<b>100%</b>	<b>12,700</b>	<b>79%</b>
FIFTH	Circuit Court	44,730	98%					44,730	98%		
	DA/Sojourner Family Peace Center	1,053	2%					1,053	2%		
	<b>SUBTOTAL</b>	<b>45,783</b>	<b>100%</b>	<b>0</b>	<b>0%</b>	<b>0</b>	<b>0%</b>	<b>45,783</b>	<b>100%</b>	<b>64,732</b>	<b>71%</b>
FIFTH MEZZANINE	Circuit Court	9,962	100%					9,962	100%		
	<b>SUBTOTAL</b>	<b>9,962</b>	<b>100%</b>	<b>0</b>	<b>0%</b>	<b>0</b>	<b>0%</b>	<b>9,962</b>	<b>100%</b>	<b>12,665</b>	<b>79%</b>
SIXTH	Circuit Court	33,799	87%					33,799	87%		
	Court Administration	5,119	13%					5,119	13%		
	<b>SUBTOTAL</b>	<b>38,918</b>	<b>100%</b>	<b>0</b>	<b>0%</b>	<b>0</b>	<b>0%</b>	<b>38,918</b>	<b>100%</b>	<b>54,738</b>	<b>71%</b>
SIXTH MEZZANINE	Circuit Court	2,720	100%					2,720	100%		
	<b>SUBTOTAL</b>	<b>2,720</b>	<b>100%</b>	<b>0</b>	<b>0%</b>	<b>0</b>	<b>0%</b>	<b>2,720</b>	<b>100%</b>	<b>3,904</b>	<b>70%</b>
SEVENTH	Circuit Court	19,151	97%					19,151	97%		
	Restraining Order Clinic	444	2%					444	2%		
	Child Support Services	227	1%					227	1%		
	<b>SUBTOTAL</b>	<b>19,822</b>	<b>100%</b>	<b>0</b>	<b>0%</b>	<b>0</b>	<b>0%</b>	<b>19,822</b>	<b>100%</b>	<b>29,931</b>	<b>66%</b>
SEVENTH MEZZANINE	Circuit Court	6,520	100%					6,520	100%		
	<b>SUBTOTAL</b>	<b>6,520</b>	<b>100%</b>	<b>0</b>	<b>0%</b>	<b>0</b>	<b>0%</b>	<b>6,520</b>	<b>100%</b>	<b>7,702</b>	<b>85%</b>
EIGHTH	County Functions										
	<b>SUBTOTAL</b>									<b>21,215</b>	<b>-</b>
TOTAL	Circuit Court	180,517	45%	-	-	-	-	180,517	45%		
	Circuit Clerk	33,046	8%	-	-	-	-	33,046	8%		
	Child Support Services	26,850	7%	-	-	-	-	26,850	7%		
	Court Administration	5,971	1%	-	-	-	-	5,971	1%		
	Jury Management	5,184	1%	-	-	-	-	5,184	1%		
	Milwaukee Justice Center	4,299	1%	-	-	-	-	4,299	1%		
	Law Library	2,141	1%	-	-	-	-	2,141	1%		
	DA/Sojourner Family Peace Center	1,053	0.3%	-	-	-	-	1,053	0.3%		
	Restraining Order Clinic	444	0.1%	-	-	-	-	444	0.1%		
	County Functions	-	-	145,840	36%	-	-	-	-		
	<b>TOTAL</b>		<b>259,505</b>	<b>64%</b>	<b>145,840</b>	<b>36%</b>	<b>0</b>	<b>0%</b>	<b>405,345</b>	<b>100%</b>	<b>717,883</b>

**Appendix 3**  
**SUMMARY OF BUILDING SPACES AND SQUARE FOOTAGES - SAFETY BUILDING**

SAFETY BUILDING		COURT FUNCTIONS		NON-EVALUATED		VACANT		TOTAL DGSF		TOTAL BGSF	
		DGSF	% of Total	DGSF	% of Total	DGSF	% of Total	DGSF	% of Total	BGSF	DGSF %
FLOOR	COMPONENT										
GROUND	Sheriff's Office	8,100	61%					8,100	18%		
	Parking	5,260	39%					5,260	11%		
	County Functions/Gymnasium			32,896	71%			32,896	71%		
	<b>SUBTOTAL</b>	<b>13,360</b>	<b>29%</b>	<b>32,896</b>	<b>71%</b>	<b>0</b>	<b>0%</b>	<b>46,256</b>	<b>100%</b>	<b>69,361</b>	<b>67%</b>
FIRST	Sheriff's Office	17,872	53%					17,872	53%		
	Circuit Clerk - Criminal	8,000	24%					8,000	24%		
	Circuit Court	4,655	14%					4,655	14%		
	County Functions			3,381	100%			3,381	10%		
<b>SUBTOTAL</b>	<b>30,527</b>	<b>90%</b>	<b>3,381</b>	<b>10%</b>	<b>0</b>	<b>0%</b>	<b>33,908</b>	<b>100%</b>	<b>51,220</b>	<b>66%</b>	
SECOND	Sheriff's Office	15,890	48%					15,890	48%		
	District Attorney	4,156	13%					4,156	13%		
	JusticePoint Pretrial Services	3,114	9%					3,114	9%		
	Circuit Clerk - Criminal	2,363	7%					2,363	7%		
	Circuit Court	2,343	7%					2,343	7%		
	County Functions			1,267	100%			1,267	4%		
Former Jail Space					4,062	100%	4,062	12%			
<b>SUBTOTAL</b>	<b>27,866</b>	<b>84%</b>	<b>1,267</b>	<b>4%</b>	<b>4,062</b>	<b>12%</b>	<b>33,195</b>	<b>100%</b>	<b>50,544</b>	<b>66%</b>	
SECOND MEZZANINE	Vacant / Abandoned					3,875	100%	3,875	100%		
<b>SUBTOTAL</b>		<b>0</b>	<b>0%</b>	<b>0</b>	<b>0%</b>	<b>3,875</b>	<b>100%</b>	<b>3,875</b>	<b>100%</b>	<b>5,468</b>	<b>71%</b>
THIRD	Circuit Court	11,407	34%					11,407	34%		
	Sheriff's Office	6,927	21%					6,927	21%		
	Court Administration	4,126	12%					4,126	12%		
	District Attorney	3,805	11%					3,805	11%		
	County Functions			1,241	100%			1,241	4%		
	Former Jail Space					5,732	100%	5,732	17%		
<b>SUBTOTAL</b>	<b>26,265</b>	<b>79%</b>	<b>1,241</b>	<b>4%</b>	<b>5,732</b>	<b>17%</b>	<b>33,238</b>	<b>100%</b>	<b>50,497</b>	<b>66%</b>	
THIRD MEZZANINE	Former Jail Space					4,210	100%	4,210	100%		
<b>SUBTOTAL</b>		<b>0</b>	<b>0%</b>	<b>0</b>	<b>0%</b>	<b>4,210</b>	<b>100%</b>	<b>4,210</b>	<b>100%</b>	<b>5,415</b>	<b>78%</b>

**Appendix 3 (Continued)**  
**SUMMARY OF BUILDING SPACES AND SQUARE FOOTAGES - SAFETY BUILDING**

FLOOR	COMPONENT	COURT FUNCTIONS		NON-EVALUATED		VACANT		TOTAL DGSF		TOTAL BGSF	
		DGSF	% of Total	DGSF	% of Total	DGSF	% of Total	DGSF	% of Total	BGSF	DGSF %
FOURTH	District Attorney	17,193	51%					17,193	51%		
	JusticePoint Pretrial Services	5,493	16%					5,493	16%		
	Circuit Court	4,474	13%					4,474	13%		
	Wisconsin Community Services	1,771	5%					1,771	5%		
	Circuit Clerk - Criminal	1,470	4%					1,470	4%		
	Community Corrections	444	1%					444	1%		
	County Functions			1,297	100%			1,297	4%		
	Former Jail Space					1,411	100%	1,411	4%		
	<b>SUBTOTAL</b>	<b>30,845</b>	<b>92%</b>	<b>1,297</b>	<b>4%</b>	<b>1,411</b>	<b>4%</b>	<b>33,553</b>	<b>100%</b>	<b>50,246</b>	<b>67%</b>
FIFTH	Circuit Court	11,341	44%					11,341	44%		
	Sheriff's Office	1,555	6%					1,555	6%		
	Circuit Clerk - Criminal	1,221	5%					1,221	5%		
	JusticePoint Pretrial Services	750	3%					750	3%		
	County Functions										
	Former Jail Space					10,776	100%	10,776	42%		
	<b>SUBTOTAL</b>	<b>14,867</b>	<b>58%</b>	<b>0</b>	<b>0%</b>	<b>10,776</b>	<b>42%</b>	<b>25,643</b>	<b>100%</b>	<b>44,064</b>	<b>58%</b>
SIXTH	District Attorney	14,662	55%					14,662	55%		
	Circuit Court	4,738	18%					4,738	18%		
	Circuit Clerk - Criminal	272	1%					272	1%		
	County Functions										
	Former Jail Space					6,757	100%	6,757	26%		
	<b>SUBTOTAL</b>	<b>19,672</b>	<b>74%</b>	<b>0</b>	<b>0%</b>	<b>6,757</b>	<b>26%</b>	<b>26,429</b>	<b>100%</b>	<b>42,181</b>	<b>63%</b>
TOTAL	Sheriff's Office	50,344	21%	-	-	-	-	50,344	21%		
	District Attorney	39,816	17%	-	-	-	-	39,816	17%		
	Circuit Court	38,958	17%	-	-	-	-	38,958	17%		
	Circuit Clerk - Criminal	13,326	6%	-	-	-	-	13,326	6%		
	JusticePoint Pretrial Services	9,357	4%	-	-	-	-	9,357	4%		
	Court Administration	4,126	2%	-	-	-	-	4,126	2%		
	Wisconsin Community Services	1,771	1%	-	-	-	-	1,771	1%		
	Community Corrections	444	0.2%	-	-	-	-	444	0.2%		
	County Functions	-	-	40,082	17%	-	-	40,082	17%		
	Former Jail Space	-	-	-	-	36,823	16%	36,823	16%		
	<b>TOTAL</b>	<b>158,142</b>	<b>67%</b>	<b>40,082</b>	<b>17%</b>	<b>36,823</b>	<b>16%</b>	<b>235,047</b>	<b>100%</b>	<b>368,996</b>	<b>64%</b>

Note: Total DGSF shown excludes parking.

**Appendix 4**  
**SUMMARY OF BUILDING SPACES AND SQUARE FOOTAGES - JUVENILE JUSTICE CENTER**

JUVENILE JUSTICE CENTER		COURT FUNCTIONS		NON-EVALUATED		VACANT		TOTAL DGSF		TOTAL BGSF	
		DGSF	% of Total	DGSF	% of Total	DGSF	% of Total	DGSF	% of Total	BGSF	DGSF %
FLOOR	COMPONENT										
LOWER LEVEL	District Attorney	6,018	7%					6,018	7%		
	Sheriff's Office	3,358	4%					3,358	4%		
	DHHS / Detention Center			72,876	89%			72,876	89%		
	<b>SUBTOTAL</b>	<b>9,376</b>	<b>11%</b>	<b>72,876</b>	<b>89%</b>	<b>0</b>	<b>0%</b>	<b>82,252</b>	<b>100%</b>	<b>122,666</b>	<b>67%</b>
MAIN LEVEL	Circuit Court	19,663	29%					19,663	29%		
	District Attorney	11,465	17%					11,465	17%		
	Circuit Clerk - Juvenile	5,421	8%					5,421	8%		
	Jury Management	1,905	3%					1,905	3%		
	Public Defender	1,237	2%					1,237	2%		
	Court Administration	1,710	3%					1,710	3%		
	DHHS / Detention Center			14,920	22%			14,920	22%		
<b>SUBTOTAL</b>	<b>41,401</b>	<b>61%</b>	<b>26,355</b>	<b>39%</b>	<b>0</b>	<b>0%</b>	<b>67,756</b>	<b>100%</b>	<b>103,841</b>	<b>65%</b>	
UPPER LEVEL	Circuit Court	16,803	67%					16,803	67%		
	Guardian ad Litem	5,726	23%					5,726	23%		
	DHHS / Detention Center			2,689	100%			2,689	11%		
<b>SUBTOTAL</b>	<b>22,529</b>	<b>89%</b>	<b>2,689</b>	<b>11%</b>	<b>0</b>	<b>0%</b>	<b>25,218</b>	<b>100%</b>	<b>34,403</b>	<b>73%</b>	
TOTAL	Circuit Court	36,466	22%	-	-	-	-	36,466	22%		
	District Attorney	17,483	11%	-	-	-	-	17,483	11%		
	Guardian ad Litem	5,726	3%	-	-	-	-	5,726	3%		
	Circuit Clerk - Juvenile	5,421	3%	-	-	-	-	5,421	3%		
	Sheriff's Office	3,358	2%	-	-	-	-	3,358	2%		
	Jury Management	1,905	1%	-	-	-	-	1,905	1%		
	Court Administration	1,710	1%	-	-	-	-	1,710	1%		
	Public Defender	1,237	1%	-	-	-	-	1,237	1%		
	DHHS / Detention Center	-	-	90,485	55%	-	-	90,485	55%		
<b>TOTAL</b>	<b>73,306</b>	<b>45%</b>	<b>90,485</b>	<b>55%</b>	<b>0</b>	<b>0%</b>	<b>163,791</b>	<b>100%</b>	<b>260,910</b>	<b>63%</b>	

# SITE DIAGRAMS



**Site Diagram**  
**Historic Courthouse, CJF Building and Safety Building**

SCALE=1:2500



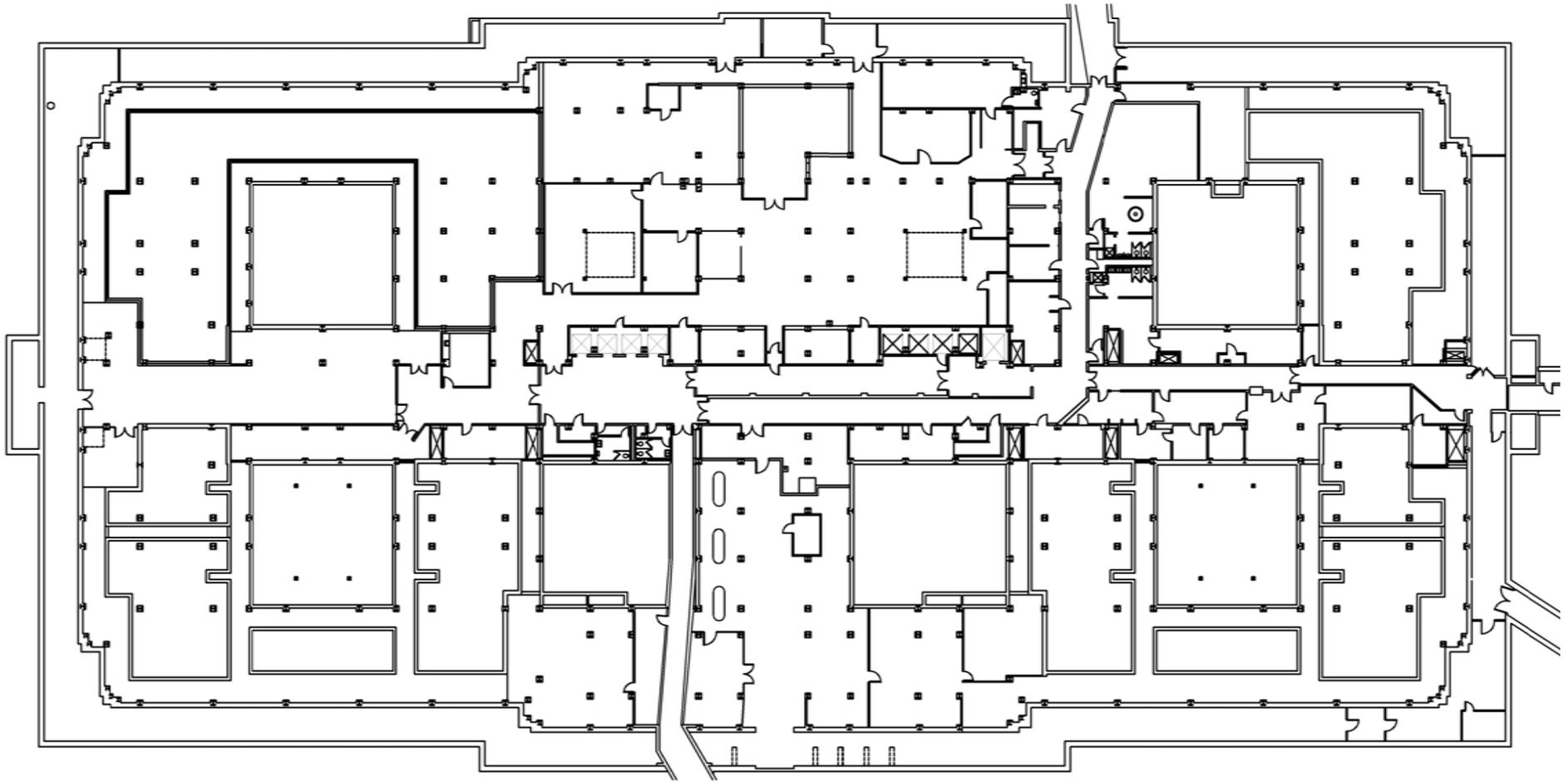


Site Diagram  
 Juvenile Justice Center

SCALE=1:2000



# HISTORIC COURTHOUSE



## Historic Courthouse Basement

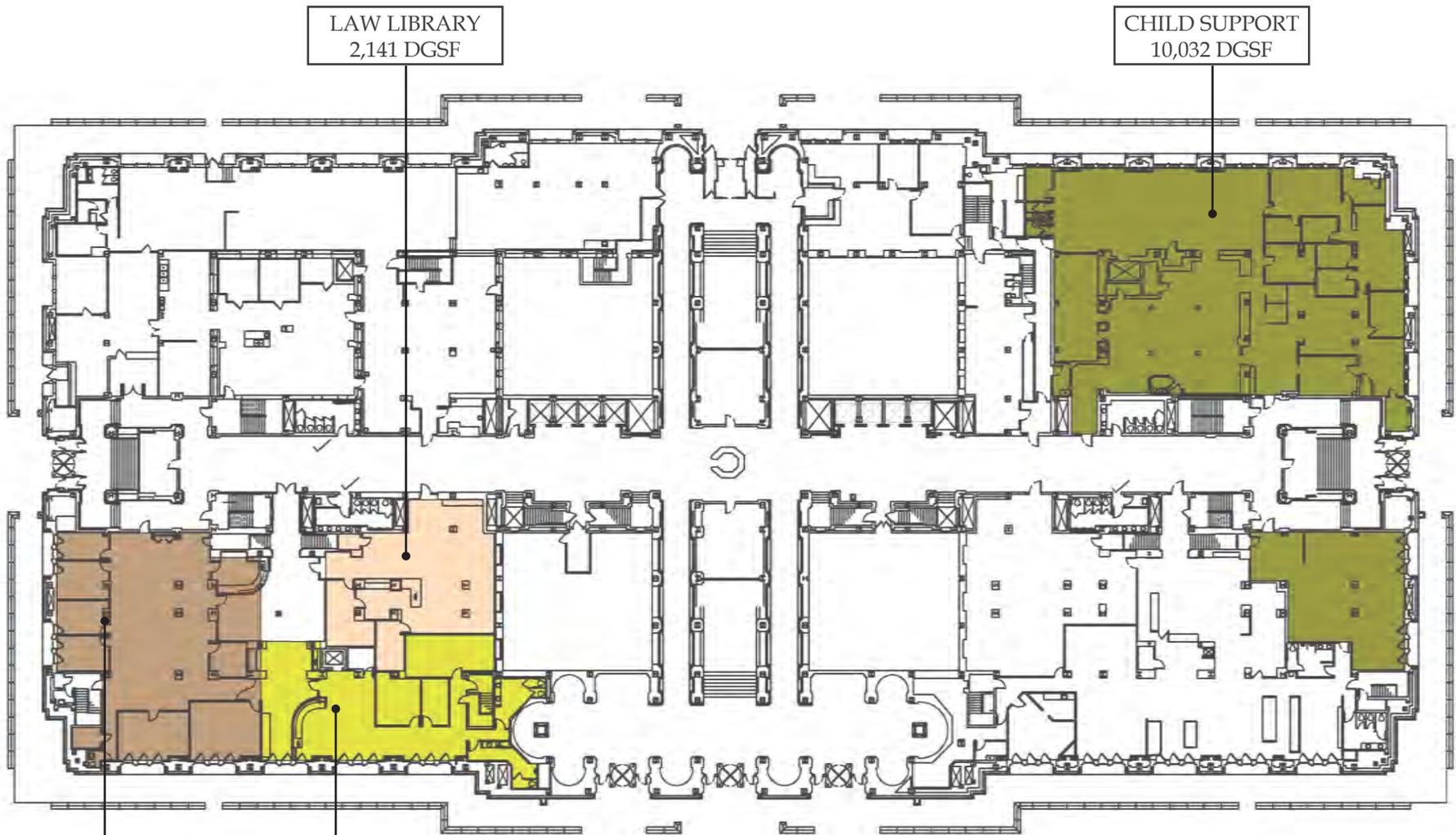
**COURTHOUSE BUILDING BASEMENT SUMMARY**

TOTAL DGSF - EVALUATED SPACES	0
TOTAL DGSF - NON-EVALUATED SPACES	0
TOTAL CIRCULATION/BLDG. SUPPORT/ETC.	88136

**TOTAL FLOOR GSF** 88136

SCALE=1:600





### Historic Courthouse Ground Floor

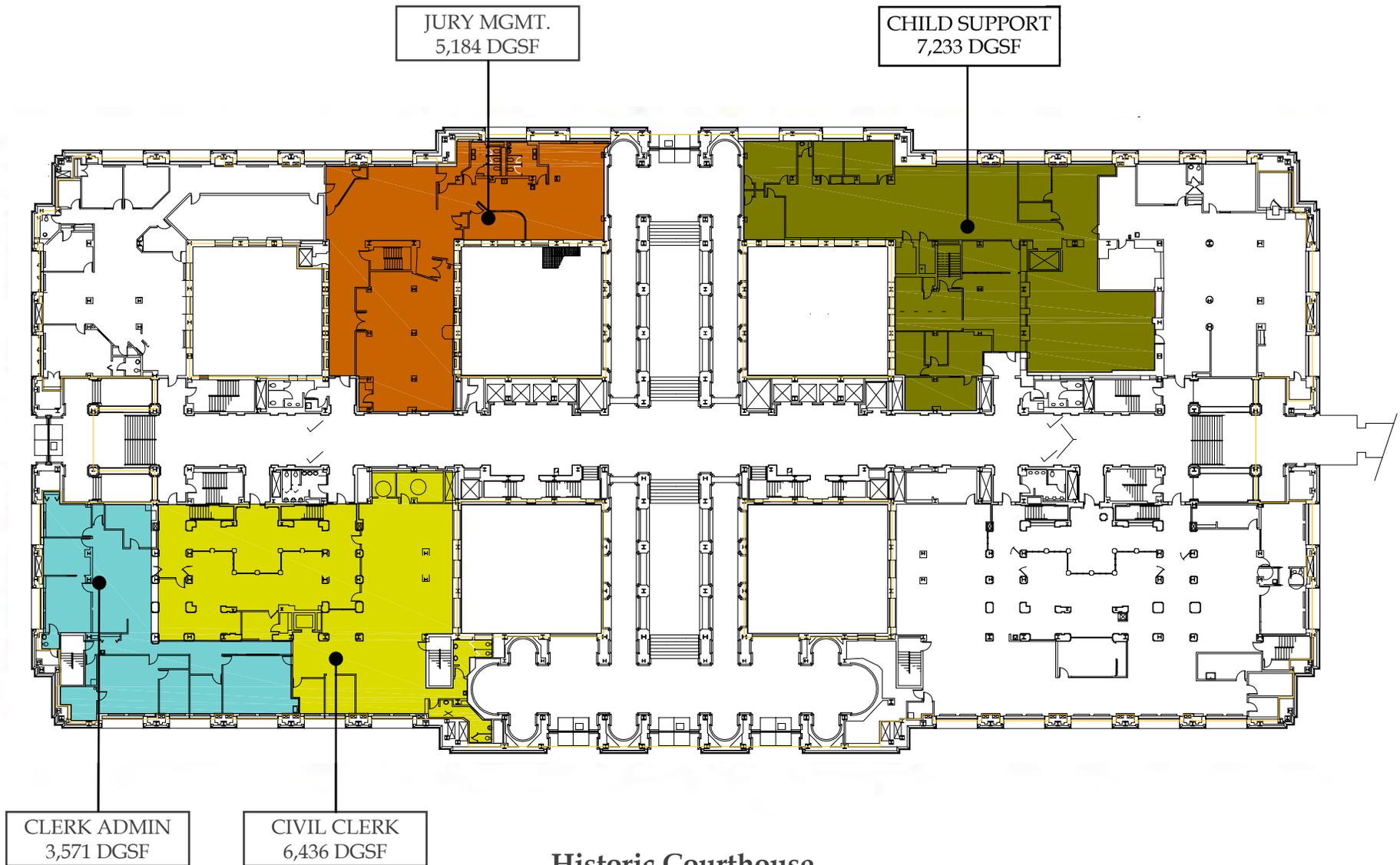
**COURTHOUSE BUILDING GROUND FLOOR SUMMARY**

TOTAL DGSF - EVALUATED SPACES	19431
TOTAL DGSF - NON-EVALUATED SPACES	33521
TOTAL CIRCULATION/BLDG. SUPPORT/ETC.	35929

**TOTAL FLOOR GSF** 88881

SCALE=1:600



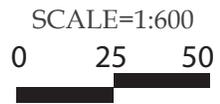


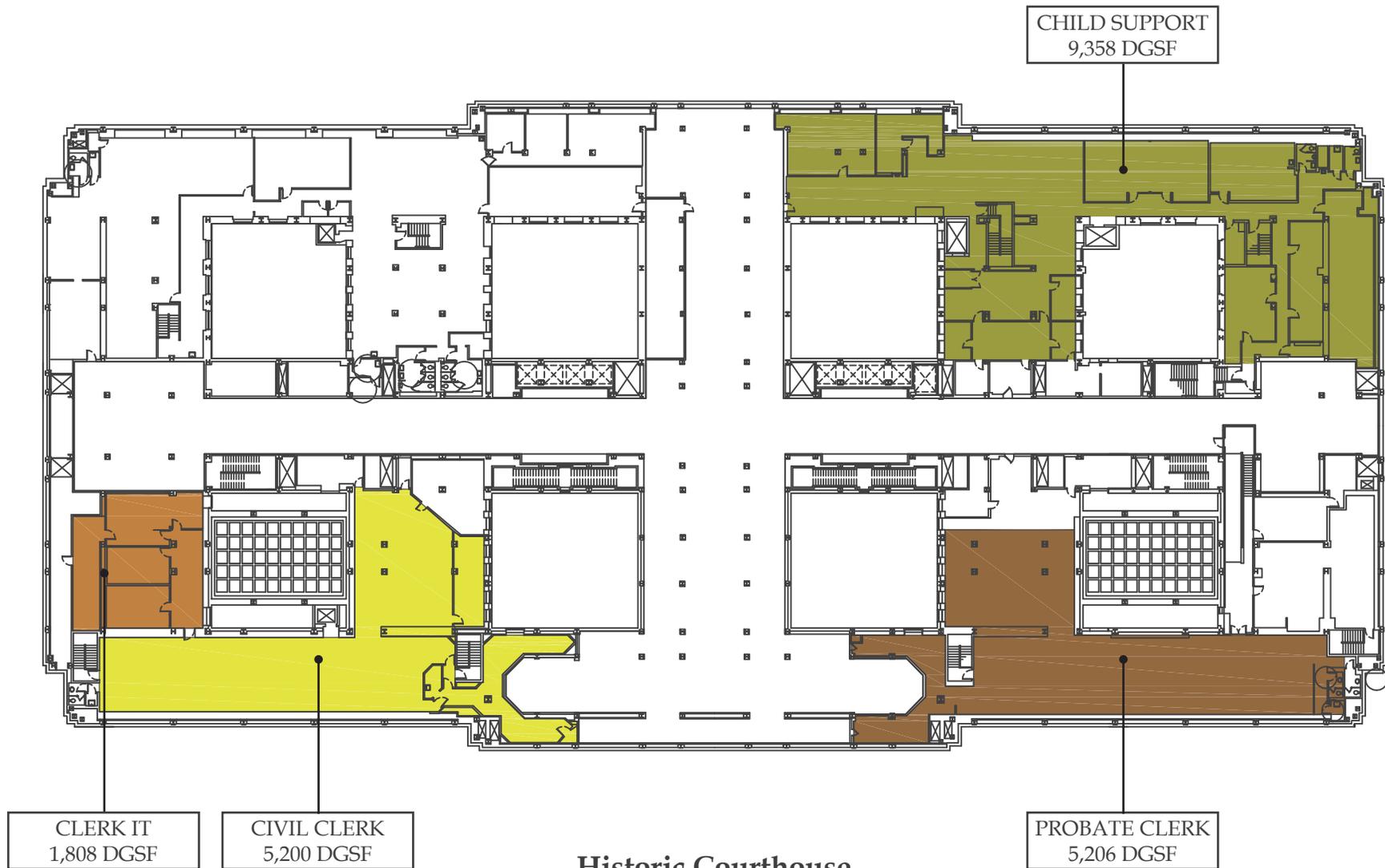
### Historic Courthouse First Floor

**COURTHOUSE BUILDING FIRST FLOOR SUMMARY**

TOTAL DGSF - EVALUATED SPACES	22424
TOTAL DGSF - NON-EVALUATED SPACES	19025
TOTAL CIRCULATION/BLDG. SUPPORT/ETC.	36700

**TOTAL FLOOR GSF** 78149





### Historic Courthouse First Floor Mezzanine

**COURTHOUSE BUILDING FIRST FLOOR MEZZ. SUMMARY**

TOTAL DGSF - EVALUATED SPACES	21572
TOTAL DGSF - NON-EVALUATED SPACES	12958
TOTAL CIRCULATION/BLDG. SUPPORT/ETC.	17538

**TOTAL FLOOR GSF** 52068

SCALE=1:600





## Historic Courthouse Second Floor

### COURTHOUSE BUILDING SECOND FLOOR SUMMARY

TOTAL DGSF - EVALUATED SPACES	14680
TOTAL DGSF - NON-EVALUATED SPACES	37309
TOTAL CIRCULATION/BLDG. SUPPORT/ETC.	19747

**TOTAL FLOOR GSF** 71736

SCALE=1:600





COURT  
1,862 DGSF

### Historic Courthouse Third Floor

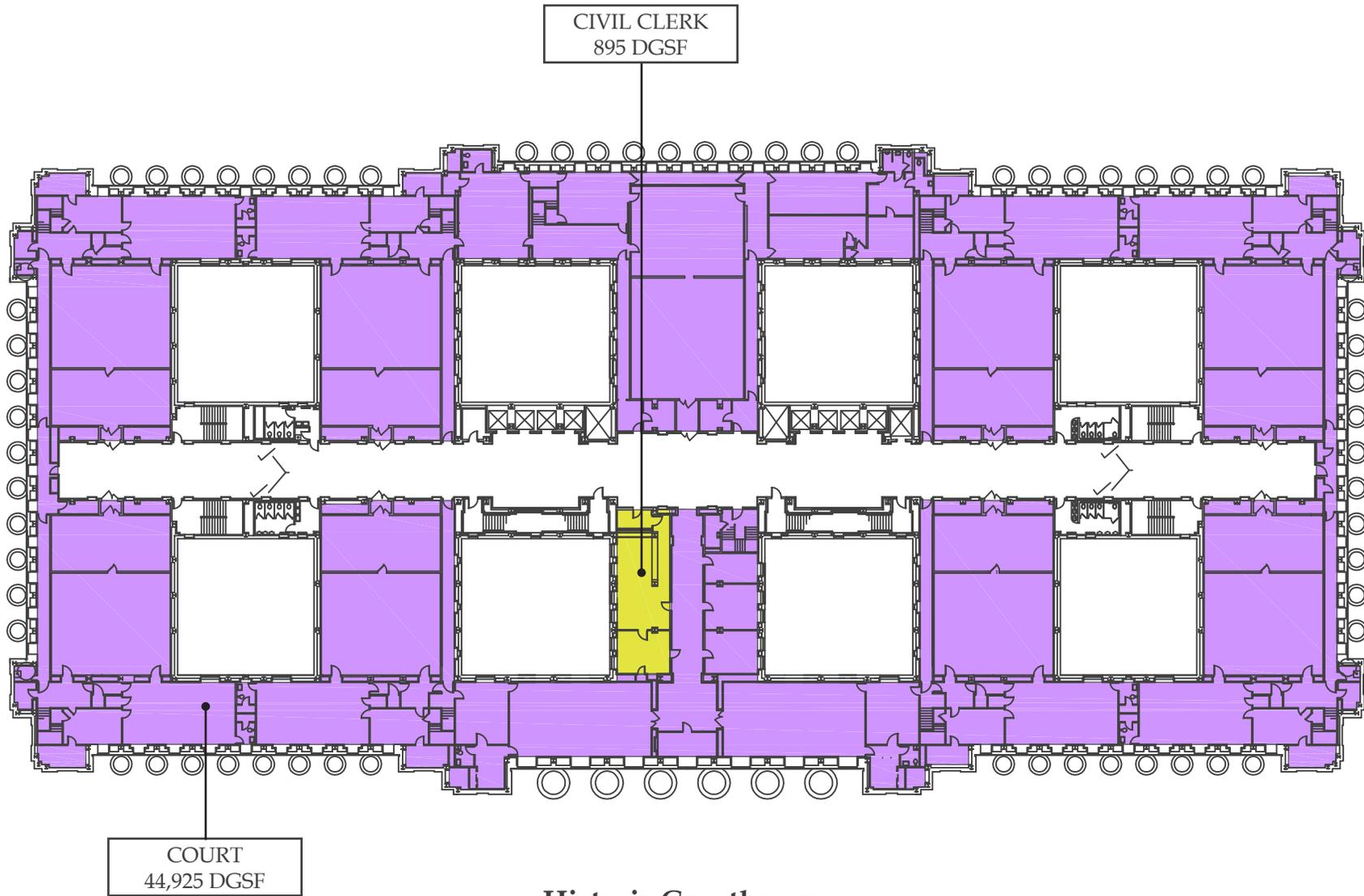
**COURTHOUSE BUILDING THIRD FLOOR SUMMARY**

TOTAL DGSF - EVALUATED SPACES	1862
TOTAL DGSF - NON-EVALUATED SPACES	43027
TOTAL CIRCULATION/BLDG. SUPPORT/ETC.	20766

**TOTAL FLOOR GSF** 65655

SCALE=1:600

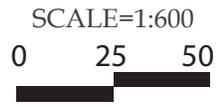


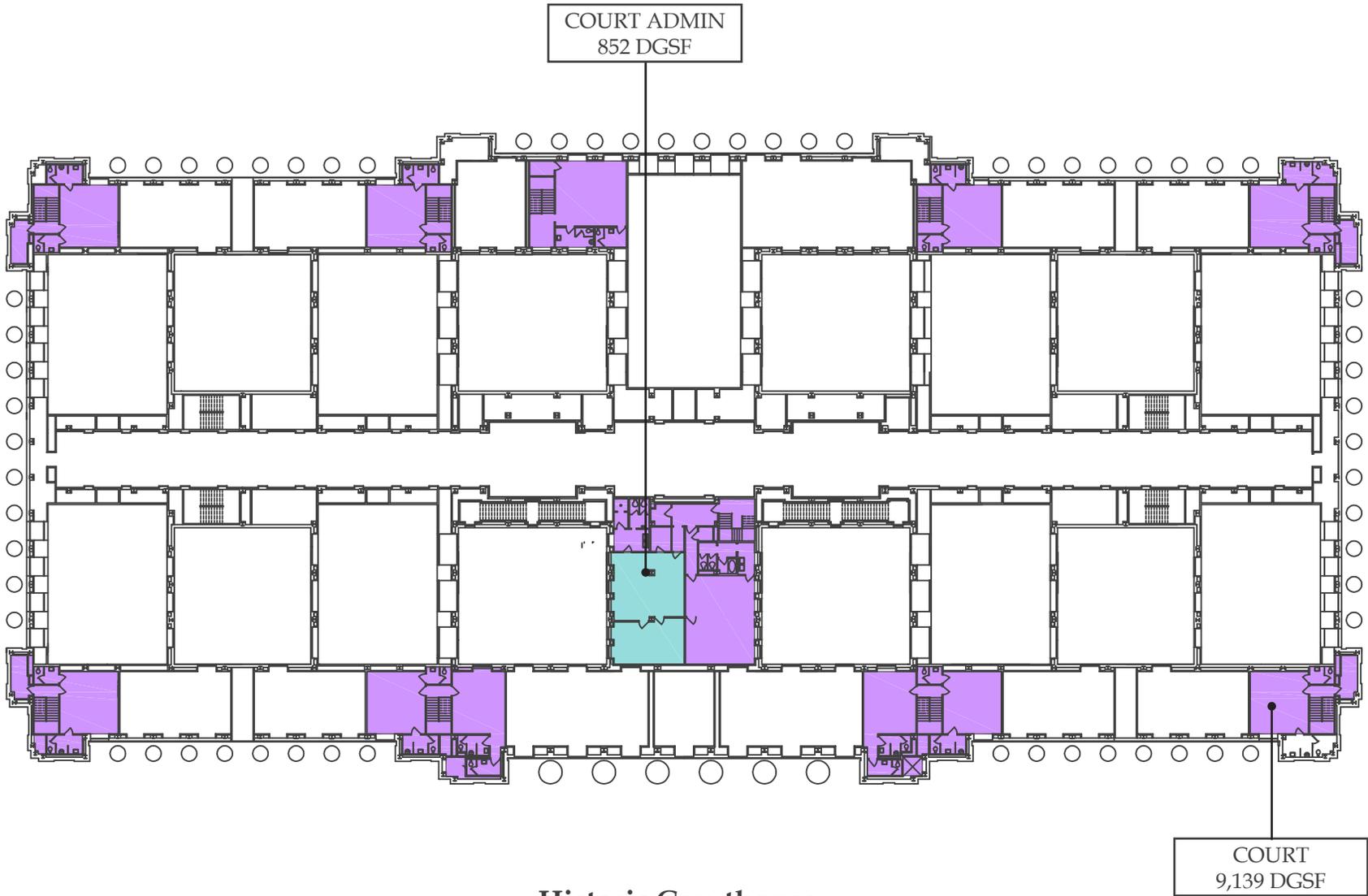


### Historic Courthouse Fourth Floor

**COURTHOUSE BUILDING FOURTH FLOOR SUMMARY**

TOTAL DGSF - EVALUATED SPACES	45820
TOTAL DGSF - NON-EVALUATED SPACES	0
TOTAL CIRCULATION/BLDG. SUPPORT/ETC.	19851
<b>TOTAL FLOOR GSF</b>	<b>65671</b>





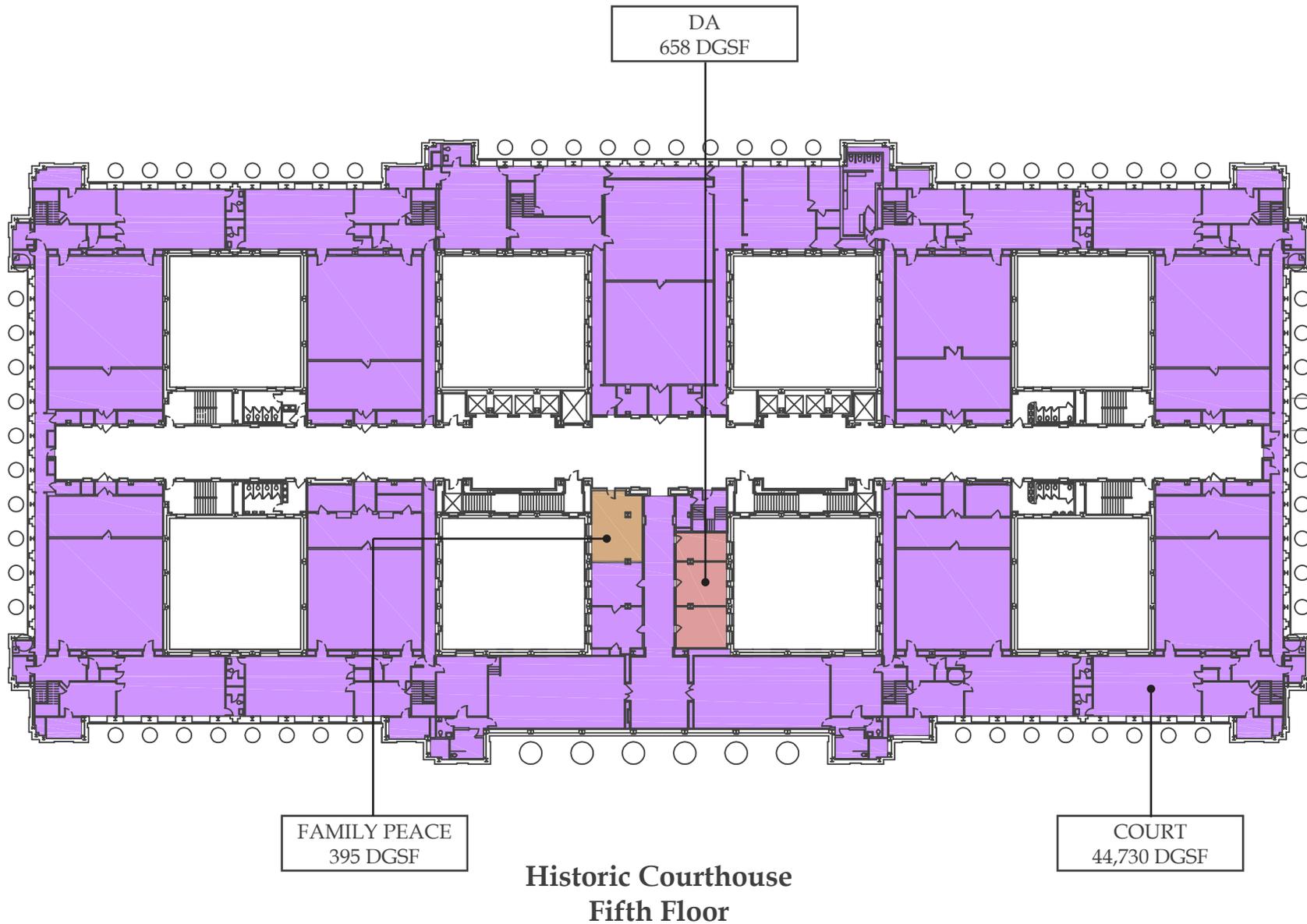
### Historic Courthouse Fourth Floor Mezzanine

**COURTHOUSE BUILDING FOURTH FLOOR MEZZ. SUMMARY**

TOTAL DGSF - EVALUATED SPACES	9991
TOTAL DGSF - NON-EVALUATED SPACES	0
TOTAL CIRCULATION/BLDG. SUPPORT/ETC.	2709

**TOTAL FLOOR GSF** 12700





### Historic Courthouse Fifth Floor

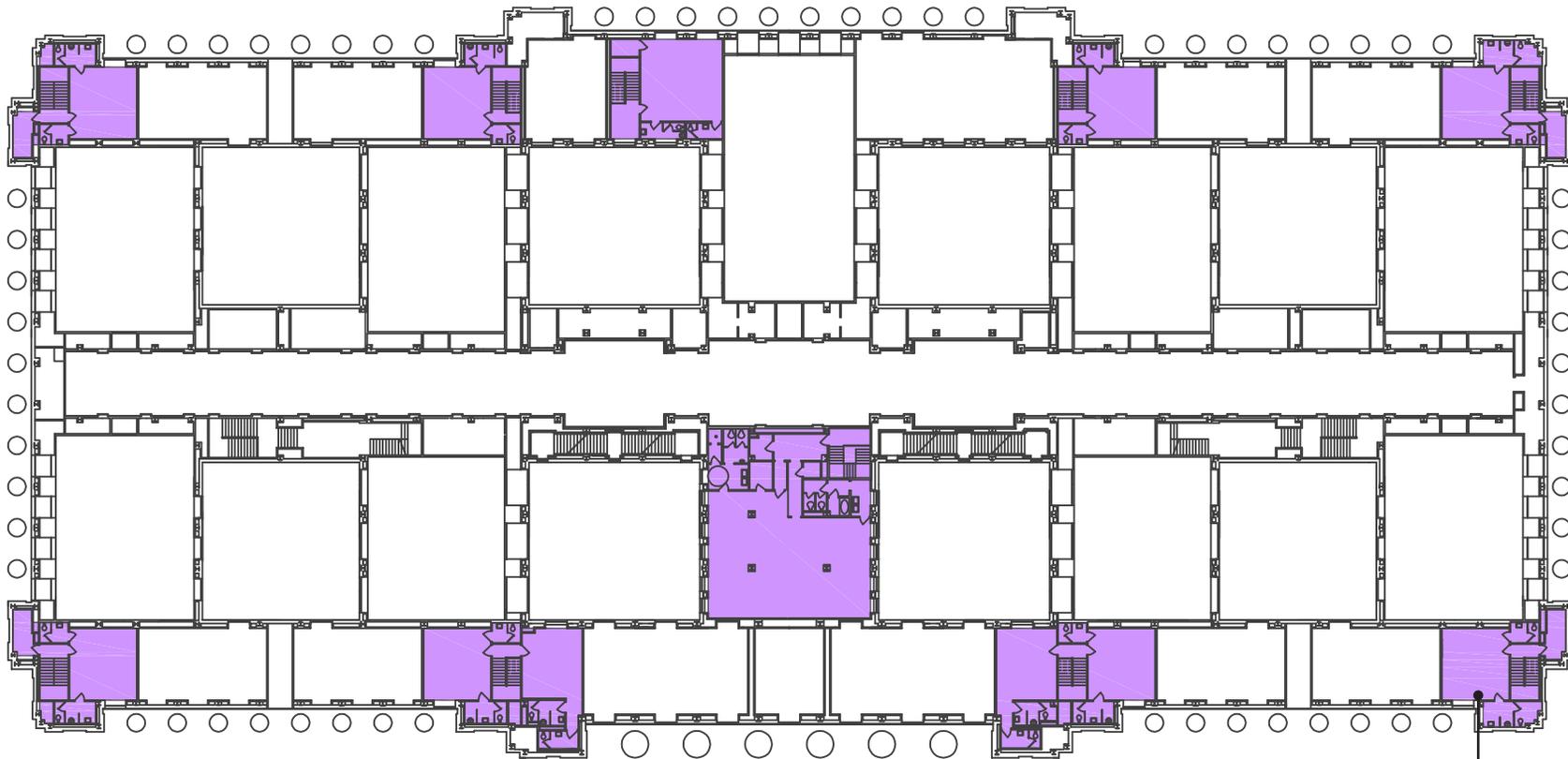
**COURTHOUSE BUILDING FIFTH FLOOR SUMMARY**

TOTAL DGSF - EVALUATED SPACES	45783
TOTAL DGSF - NON-EVALUATED SPACES	0
TOTAL CIRCULATION/BLDG. SUPPORT/ETC.	18949

**TOTAL FLOOR GSF** 64732

SCALE=1:600





COURTHOUSE - FIFTH FLOOR MEZZANINE

COURT  
9,962 DGSF

## Historic Courthouse Fifth Floor Mezzanine

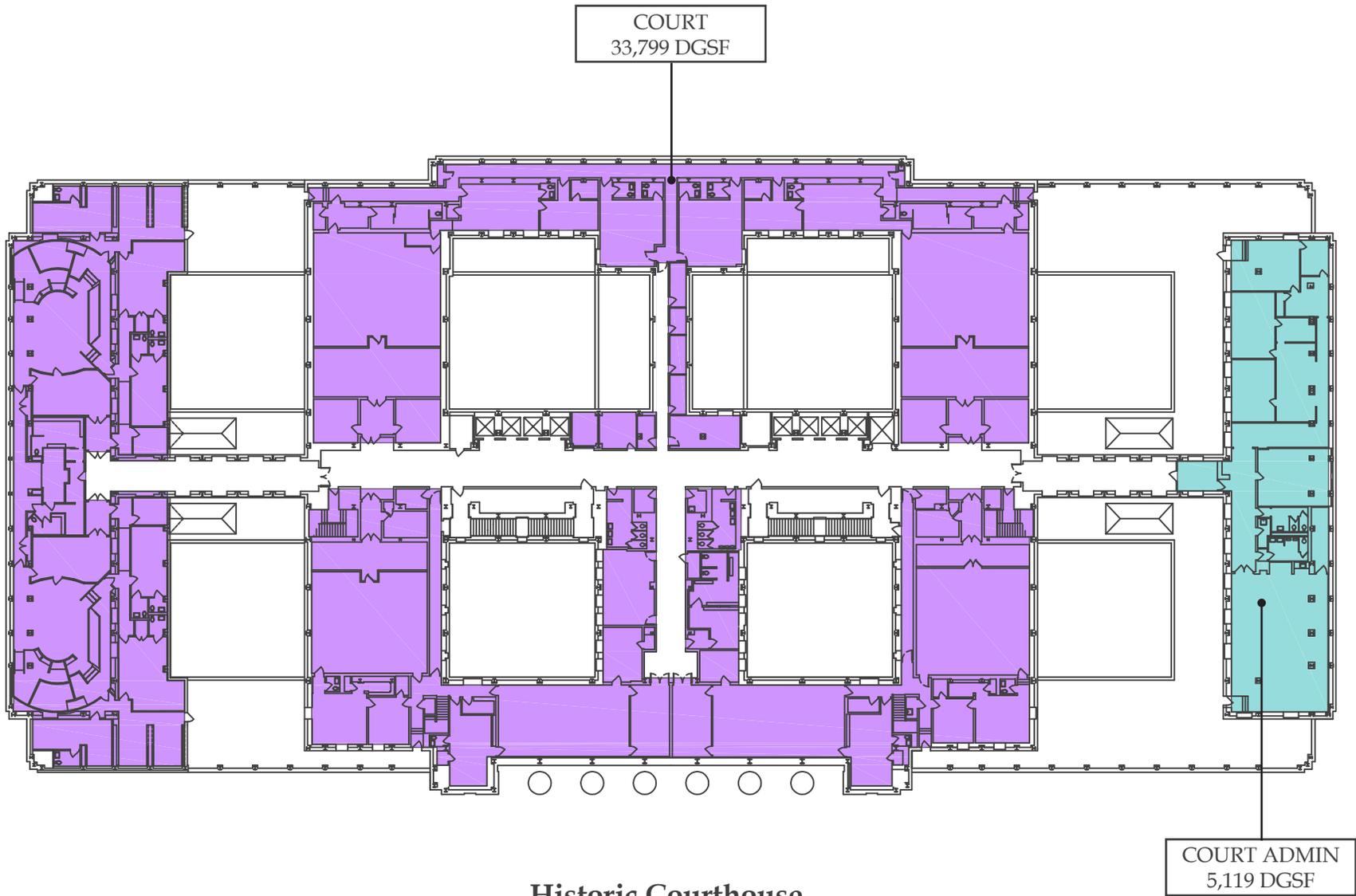
### COURTHOUSE BUILDING FIFTH FLOOR MEZZ. SUMMARY

TOTAL DGSF - EVALUATED SPACES	9962
TOTAL DGSF - NON-EVALUATED SPACES	0
TOTAL CIRCULATION/BLDG. SUPPORT/ETC.	2703

**TOTAL FLOOR GSF** 12665

SCALE=1:600





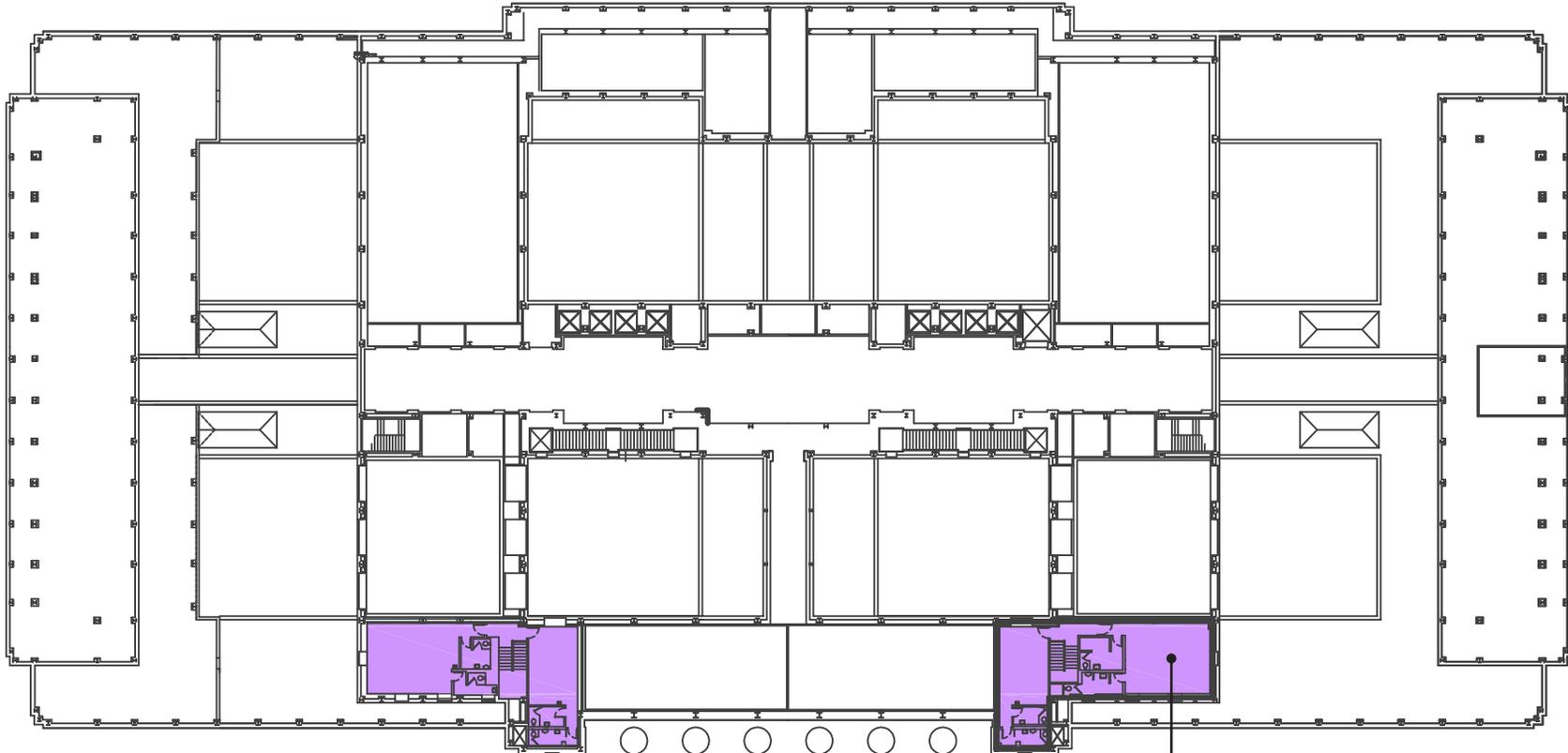
### Historic Courthouse Sixth Floor

**COURTHOUSE BUILDING SIXTH FLOOR SUMMARY**

TOTAL DGSF - EVALUATED SPACES	38918
TOTAL DGSF - NON-EVALUATED SPACES	0
TOTAL CIRCULATION/BLDG. SUPPORT/ETC.	15820

**TOTAL FLOOR GSF** 54738





### Historic Courthouse Sixth Floor Mezzanine

COURT  
2,720 DGSF

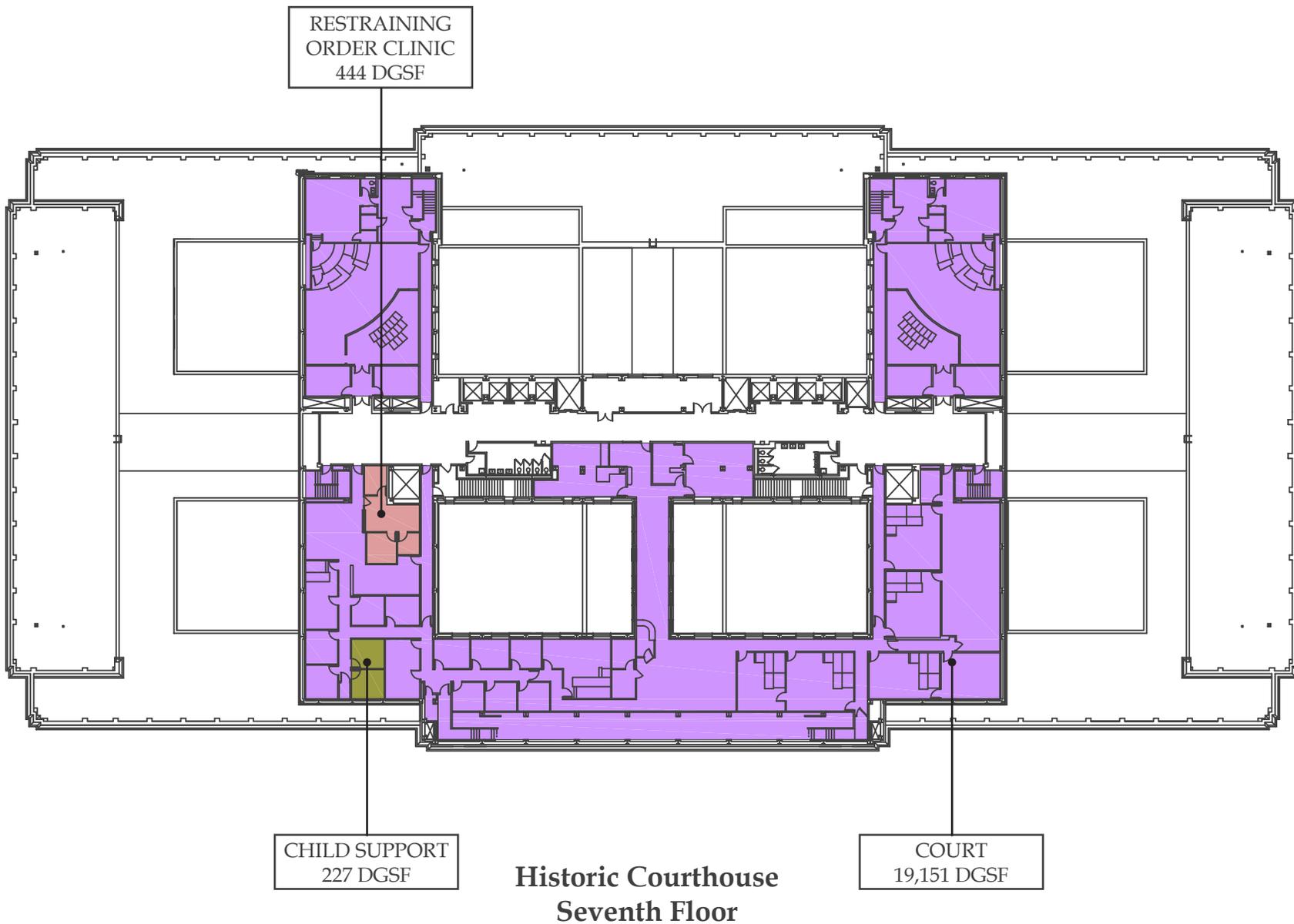
**COURTHOUSE BUILDING SIXTH FLOOR MEZZ. SUMMARY**

TOTAL DGSF - EVALUATED SPACES	2720
TOTAL DGSF - NON-EVALUATED SPACES	0
TOTAL CIRCULATION/BLDG. SUPPORT/ETC.	1184

**TOTAL FLOOR GSF 3904**

SCALE=1:600





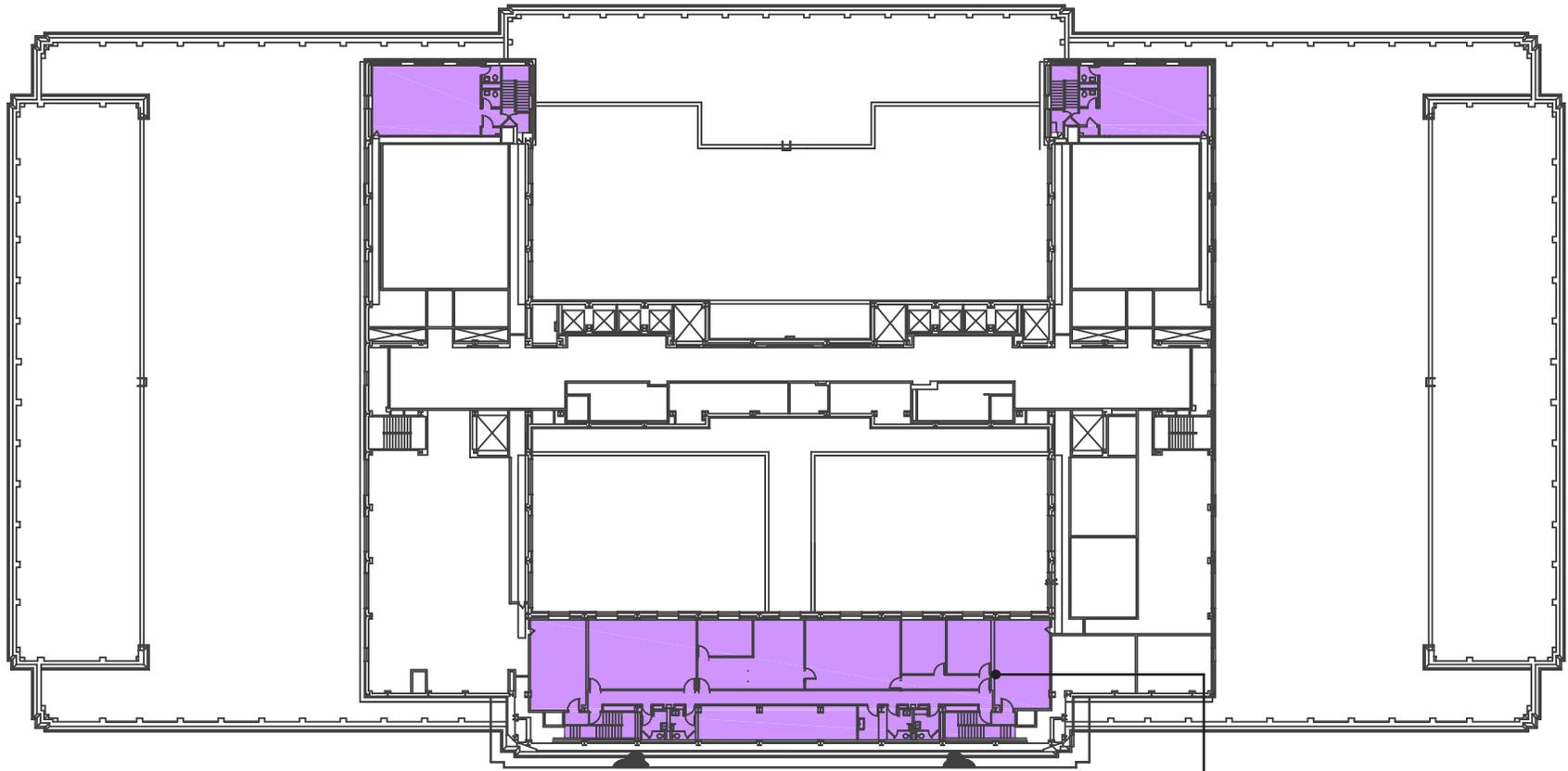
**COURTHOUSE BUILDING SEVENTH FLOOR SUMMARY**

TOTAL DGSF - EVALUATED SPACES	19822
TOTAL DGSF - NON-EVALUATED SPACES	0
TOTAL CIRCULATION/BLDG. SUPPORT/ETC.	10109

**TOTAL FLOOR GSF** 29931

SCALE=1:600





## Historic Courthouse Seventh Floor Mezzanine

COURT  
6,520 DGSF

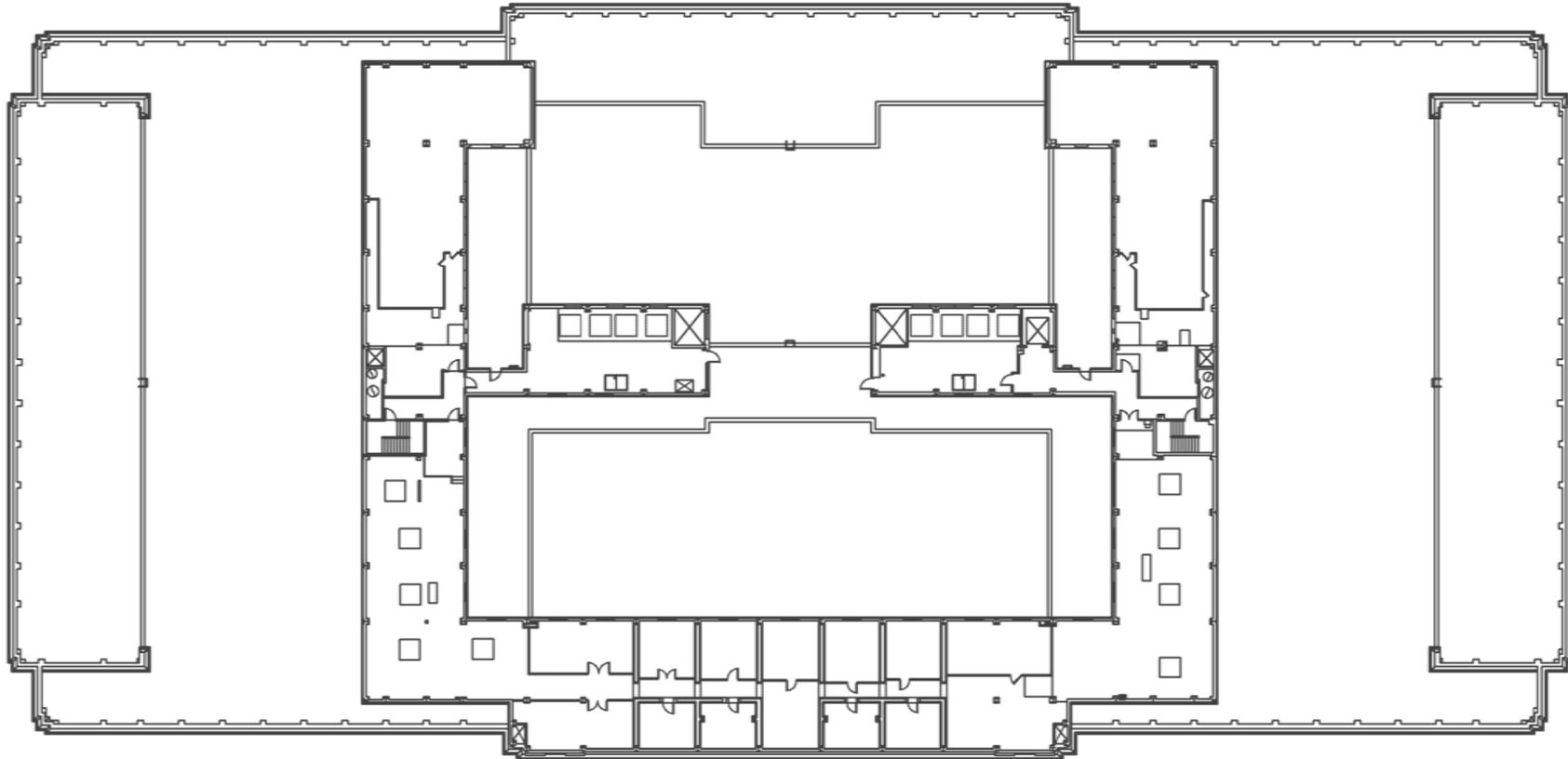
**COURTHOUSE BUILDING SEVENTH FLOOR MEZZ. SUMMARY**

TOTAL DGSF - EVALUATED SPACES	6520
TOTAL DGSF - NON-EVALUATED SPACES	0
TOTAL CIRCULATION/BLDG. SUPPORT/ETC.	1182

**TOTAL FLOOR GSF** 7702

SCALE=1:600





## Historic Courthouse Eighth Floor

**COURTHOUSE BUILDING EIGHTH FLOOR SUMMARY**

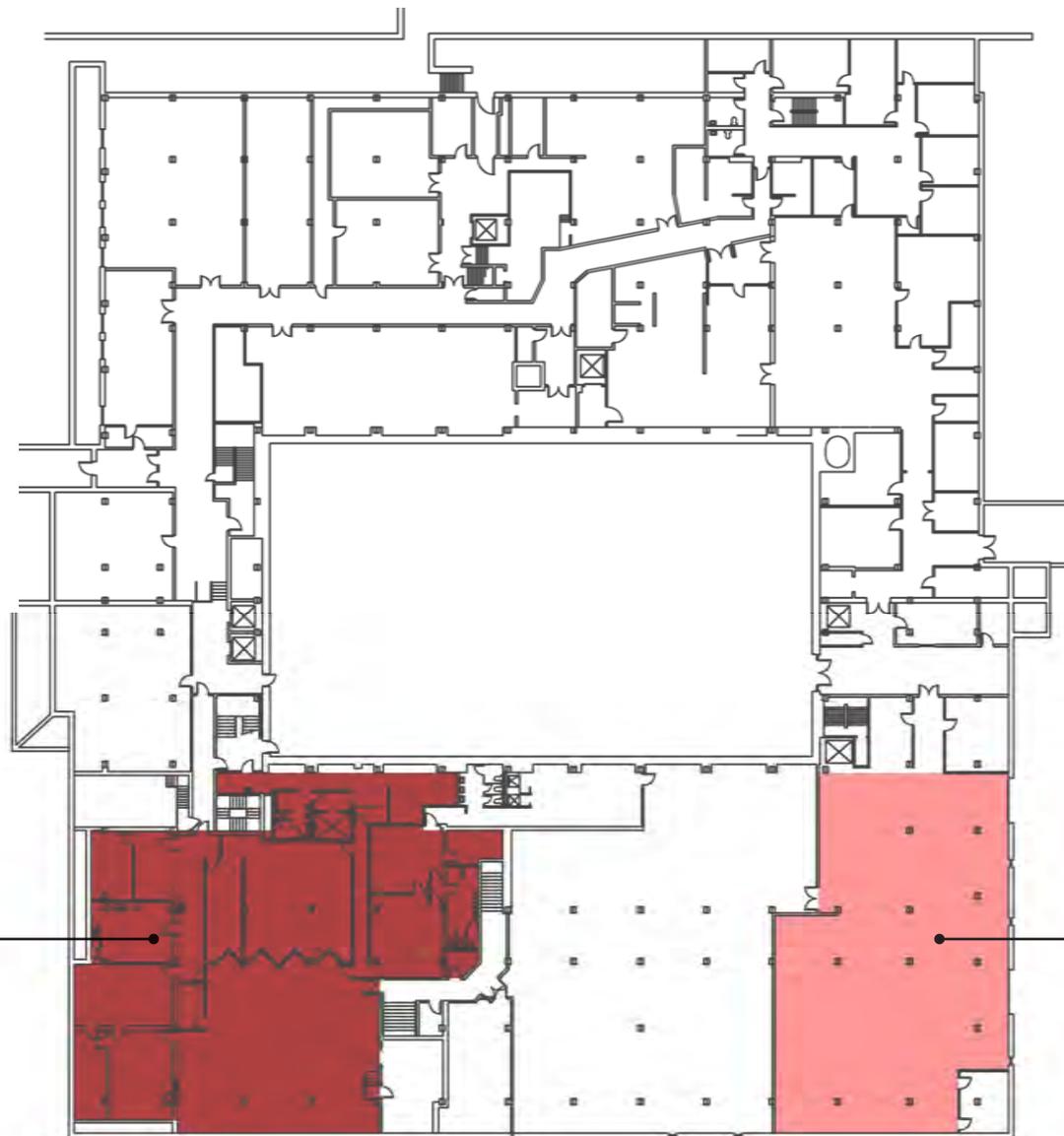
TOTAL DGSF - EVALUATED SPACES	0
TOTAL DGSF - NON-EVALUATED SPACES	0
TOTAL CIRCULATION/BLDG. SUPPORT/ETC.	21215

**TOTAL FLOOR GSF** 21215

SCALE=1:600



# SAFETY BUILDING



SHERIFF  
8,100 DGSF

PARKING  
5,260 DGSF

### Safety Building Ground Floor

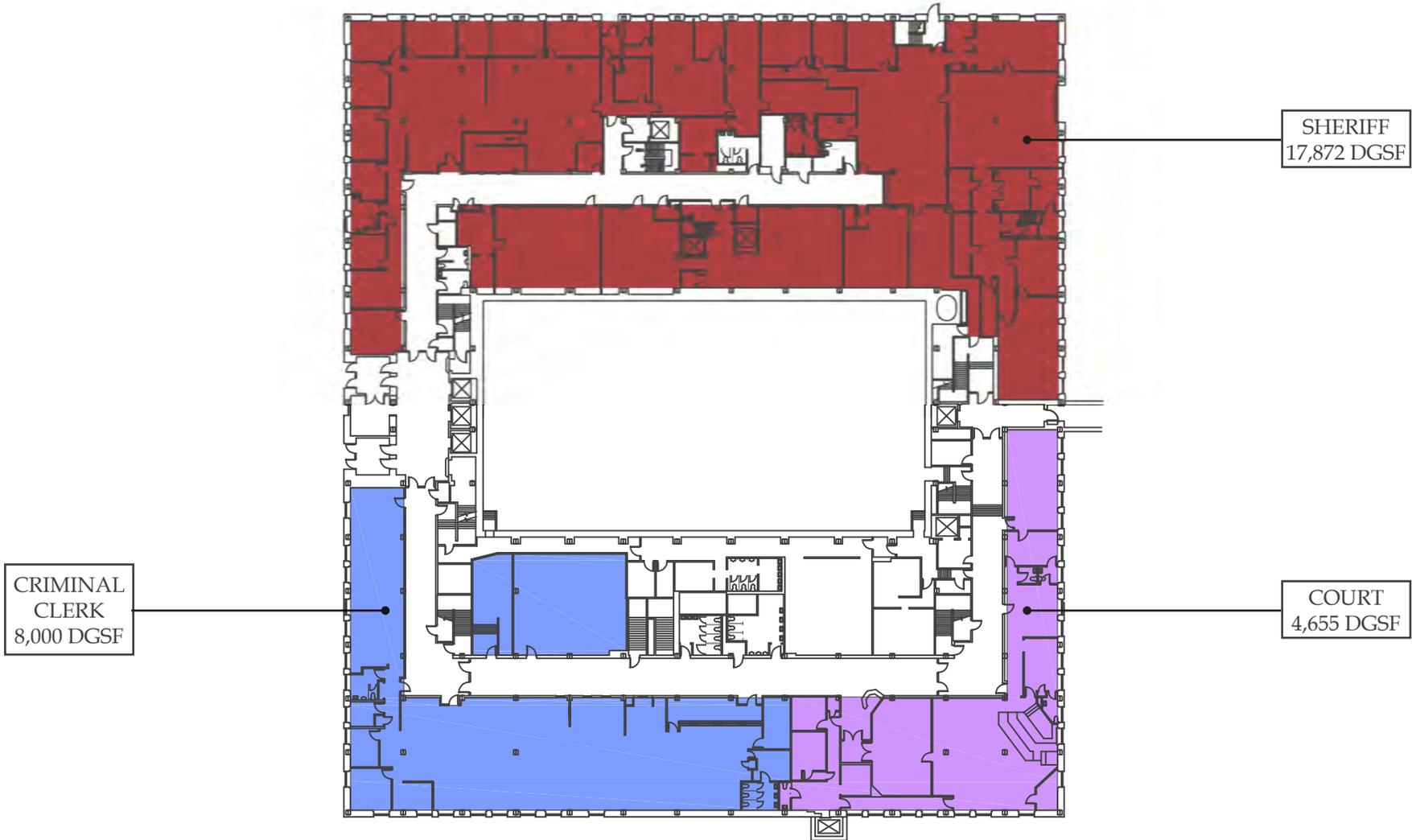
**SAFETY BUILDING GROUND FLOOR SUMMARY**

TOTAL DGSF - EVALUATED SPACES	13360
TOTAL DGSF - NON-EVALUATED SPACES	32896
TOTAL DGSF - NON-EVALUATED VACANT	0
TOTAL CIRCULATION/BLDG. SUPPORT/ETC.	23105

**TOTAL FLOOR GSF 69361**

SCALE=1:600





CRIMINAL  
CLERK  
8,000 DGSF

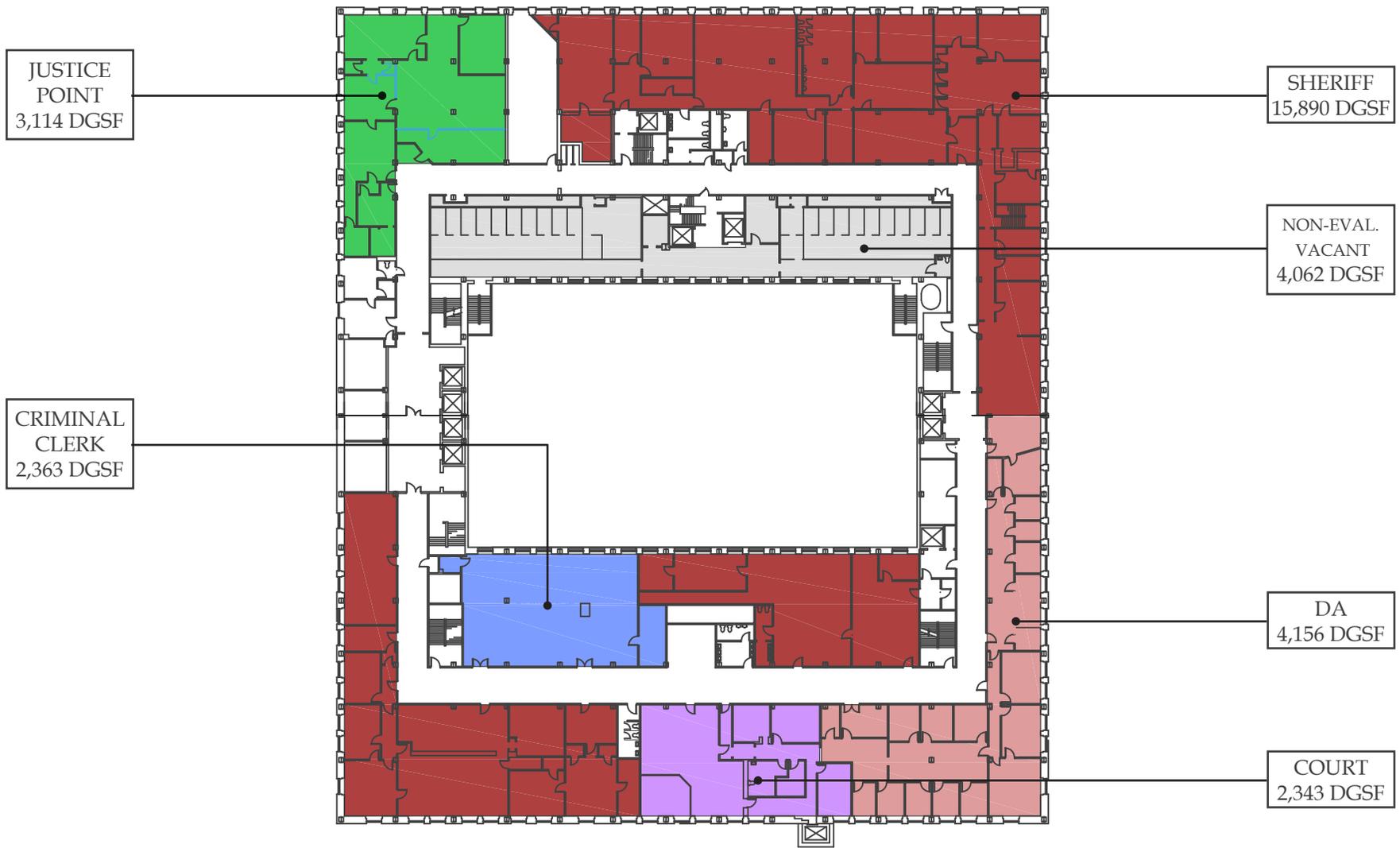
SHERIFF  
17,872 DGSF

COURT  
4,655 DGSF

### Safety Building First Floor

SAFETY BUILDING FIRST FLOOR SUMMARY	
TOTAL DGSF - EVALUATED SPACES	30527
TOTAL DGSF - NON-EVALUATED SPACES	3381
TOTAL DGSF - NON-EVALUATED VACANT	0
TOTAL CIRCULATION/BLDG. SUPPORT/ETC.	17312
<b>TOTAL FLOOR GSF</b>	<b>51220</b>



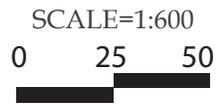


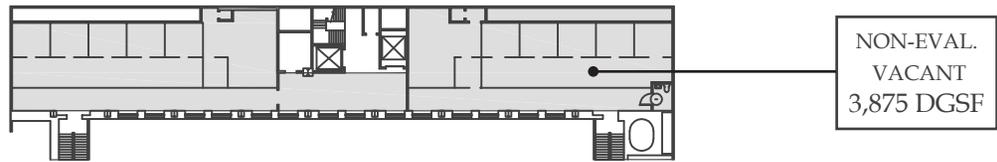
### Safety Building Second Floor

**SAFETY BUILDING SECOND FLOOR SUMMARY**

TOTAL DGSF - EVALUATED SPACES	27866
TOTAL DGSF - NON-EVALUATED SPACES	1267
TOTAL DGSF - NON-EVALUATED VACANT	4062
TOTAL CIRCULATION/BLDG. SUPPORT/ETC.	17349

**TOTAL FLOOR GSF** 50544

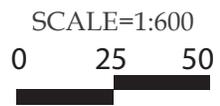


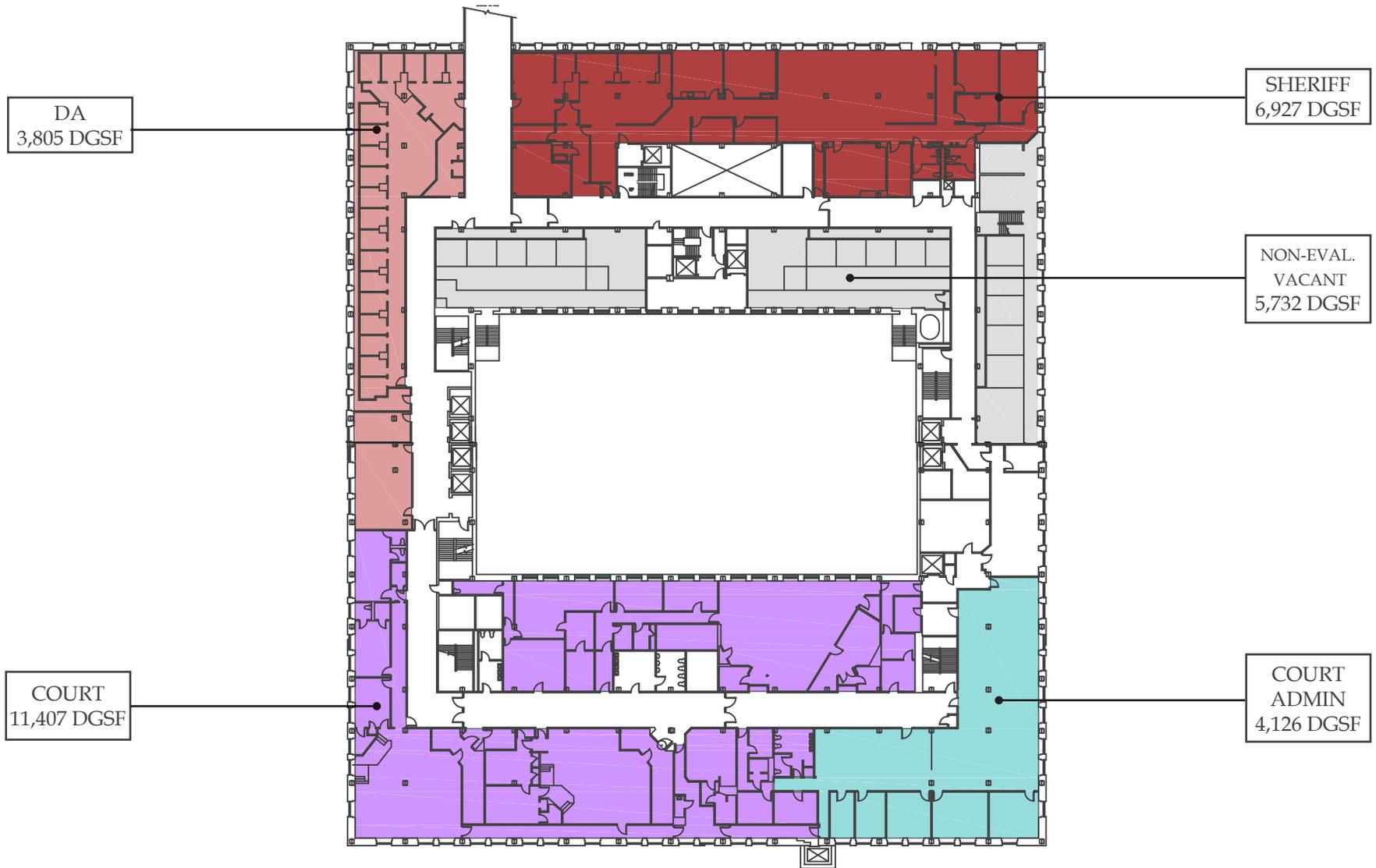


**SAFETY BUILDING SECOND FLOOR MEZZ. SUMMARY**

TOTAL DGSF - EVALUATED SPACES	0
TOTAL DGSF - NON-EVALUATED SPACES	0
TOTAL DGSF - NON-EVALUATED VACANT	3875
TOTAL CIRCULATION/BLDG. SUPPORT/ETC.	1593
<b>TOTAL FLOOR GSF</b>	<b>5468</b>

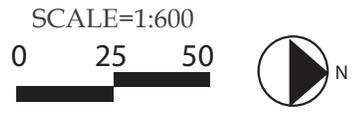
## Safety Building Second Floor Mezzanine

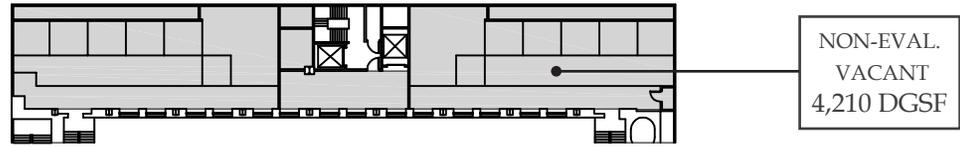




### Safety Building Third Floor

SAFETY BUILDING THIRD FLOOR SUMMARY	
TOTAL DGSF - EVALUATED SPACES	26265
TOTAL DGSF - NON-EVALUATED SPACES	1241
TOTAL DGSF - NON-EVALUATED VACANT	5732
TOTAL CIRCULATION/BLDG. SUPPORT/ETC.	17259
<b>TOTAL FLOOR GSF</b>	<b>50497</b>



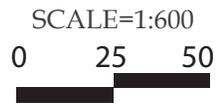


**SAFETY BUILDING THIRD FLOOR MEZZ. SUMMARY**

TOTAL DGSF - EVALUATED SPACES	0
TOTAL DGSF - NON-EVALUATED SPACES	0
TOTAL DGSF - NON-EVALUATED VACANT	4210
TOTAL CIRCULATION/BLDG. SUPPORT/ETC.	1205

**TOTAL FLOOR GSF 5415**

## Safety Building Third Floor Mezzanine





### Safety Building Fourth Floor

**SAFETY BUILDING FOURTH FLOOR SUMMARY**

TOTAL DGSF - EVALUATED SPACES	30845
TOTAL DGSF - NON-EVALUATED SPACES	1297
TOTAL DGSF - NON-EVALUATED VACANT	1411
TOTAL CIRCULATION/BLDG. SUPPORT/ETC.	16693

**TOTAL FLOOR GSF 50246**



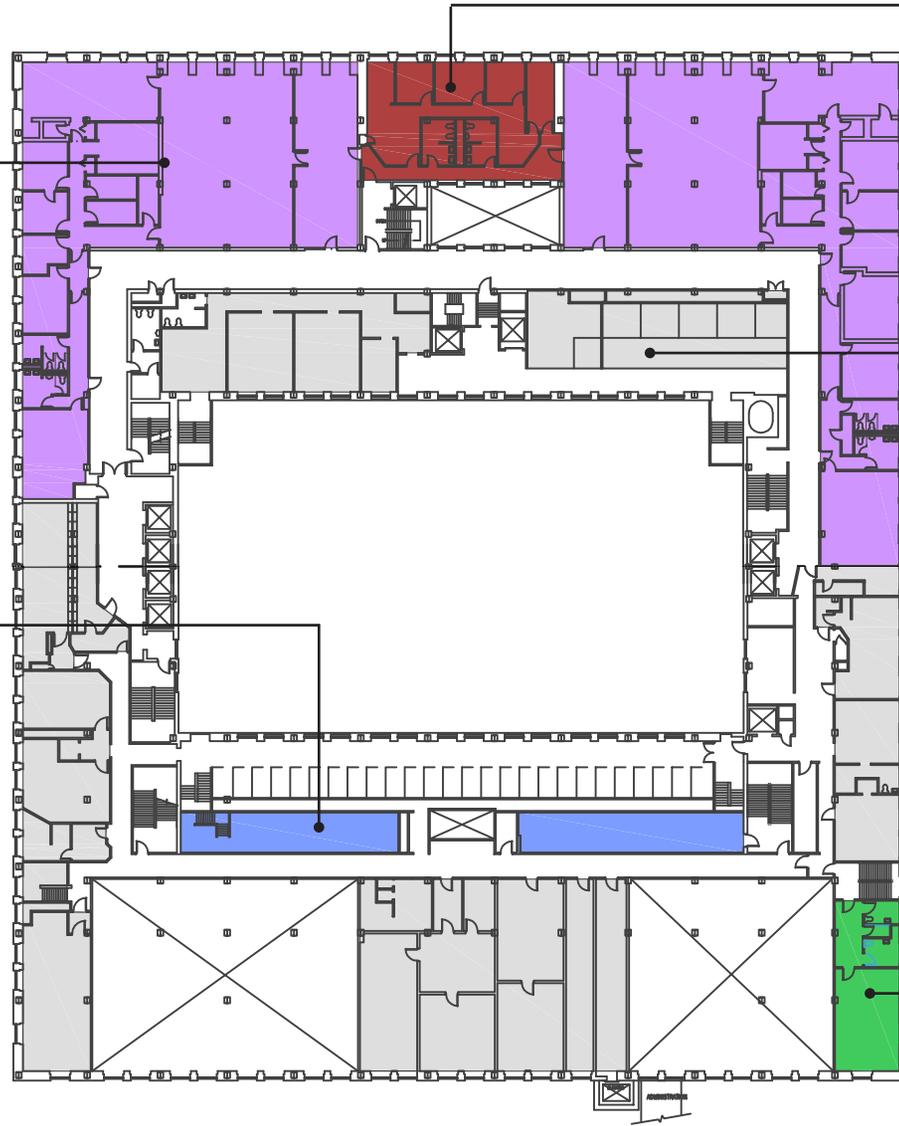
COURT  
11,341 DGSF

SHERIFF  
1,555 DGSF

NON-EVAL.  
VACANT  
10,776 DGSF

CRIMINAL  
CLERK  
1,221 DGSF

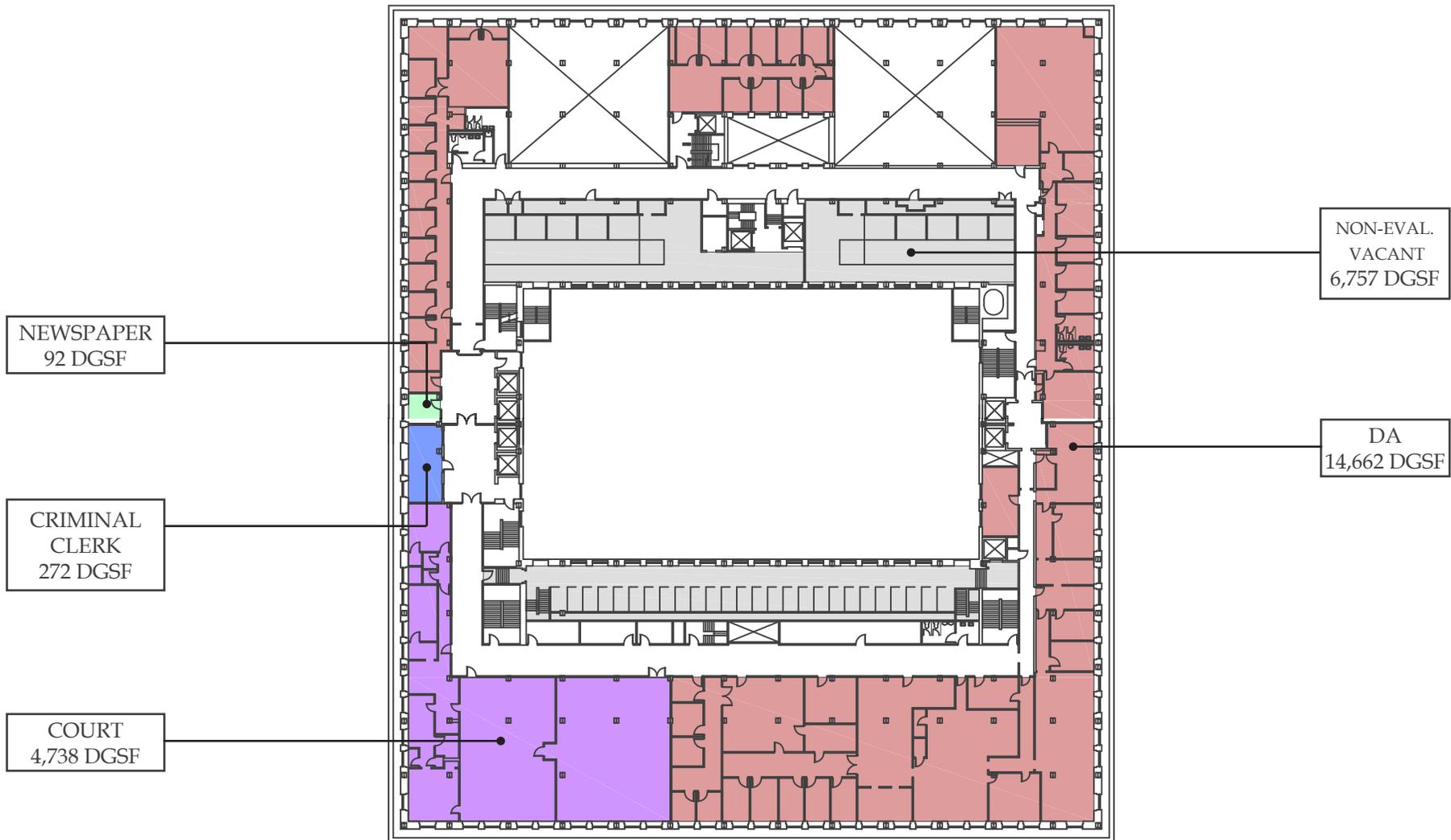
JUSTICE  
POINT  
750 DGSF



### Safety Building Fifth Floor

<b>SAFETY BUILDING FIFTH FLOOR SUMMARY</b>	
TOTAL DGSF - EVALUATED SPACES	14867
TOTAL DGSF - NON-EVALUATED SPACES	0
TOTAL DGSF - NON-EVALUATED VACANT	10776
TOTAL CIRCULATION/BLDG. SUPPORT/ETC.	18421
<b>TOTAL FLOOR GSF</b>	<b>44064</b>





### Safety Building Sixth Floor

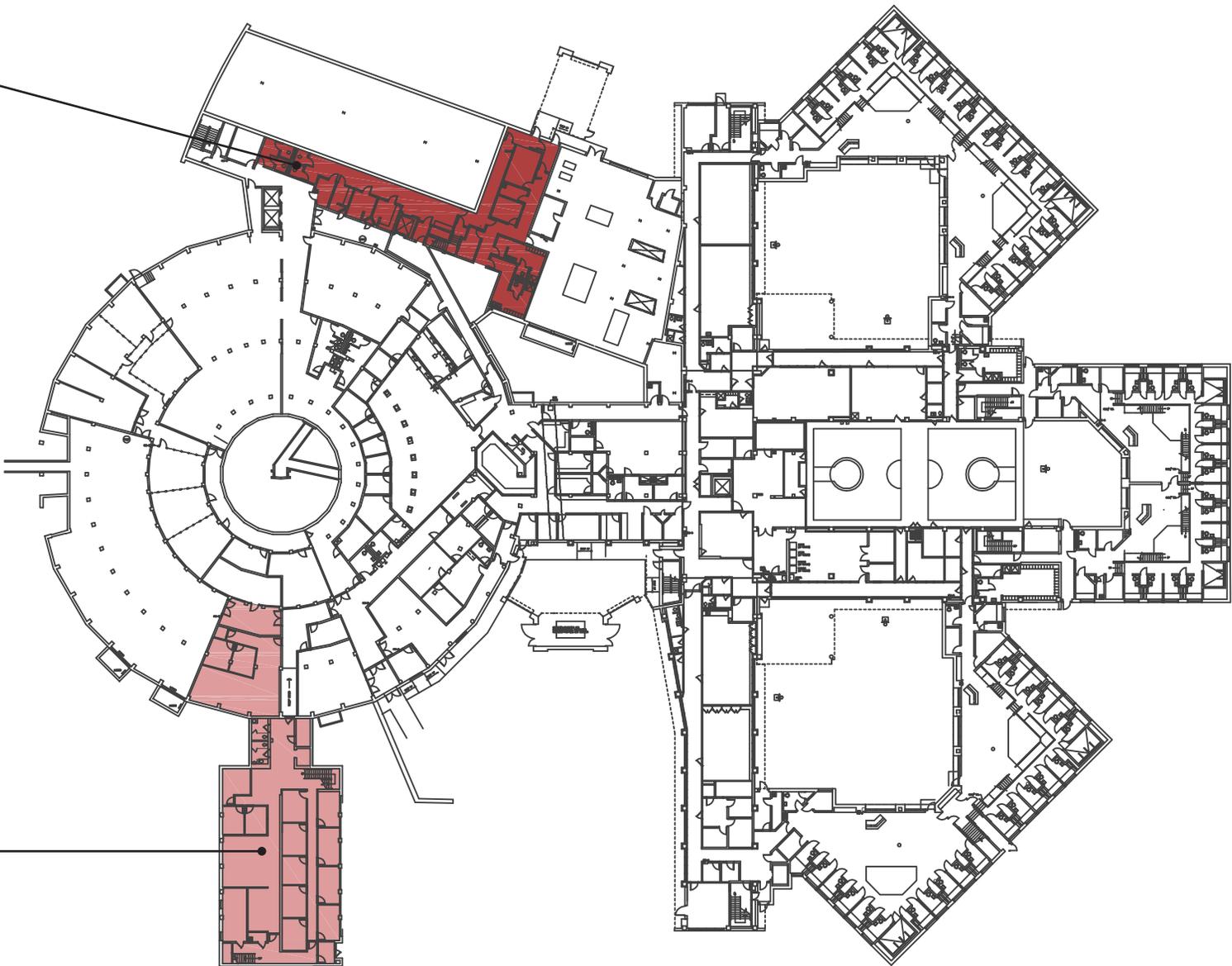
SAFETY BUILDING SIXTH FLOOR SUMMARY	
TOTAL DGSF - EVALUATED SPACES	19764
TOTAL DGSF - NON-EVALUATED SPACES	0
TOTAL DGSF - NON-EVALUATED VACANT	6757
TOTAL CIRCULATION/BLDG. SUPPORT/ETC.	15660
<b>TOTAL FLOOR GSF</b>	<b>42181</b>



# JUVENILE JUSTICE CENTER

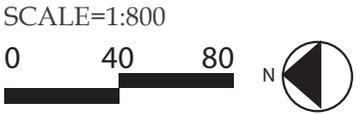
SHERIFF  
3,358 DGSF

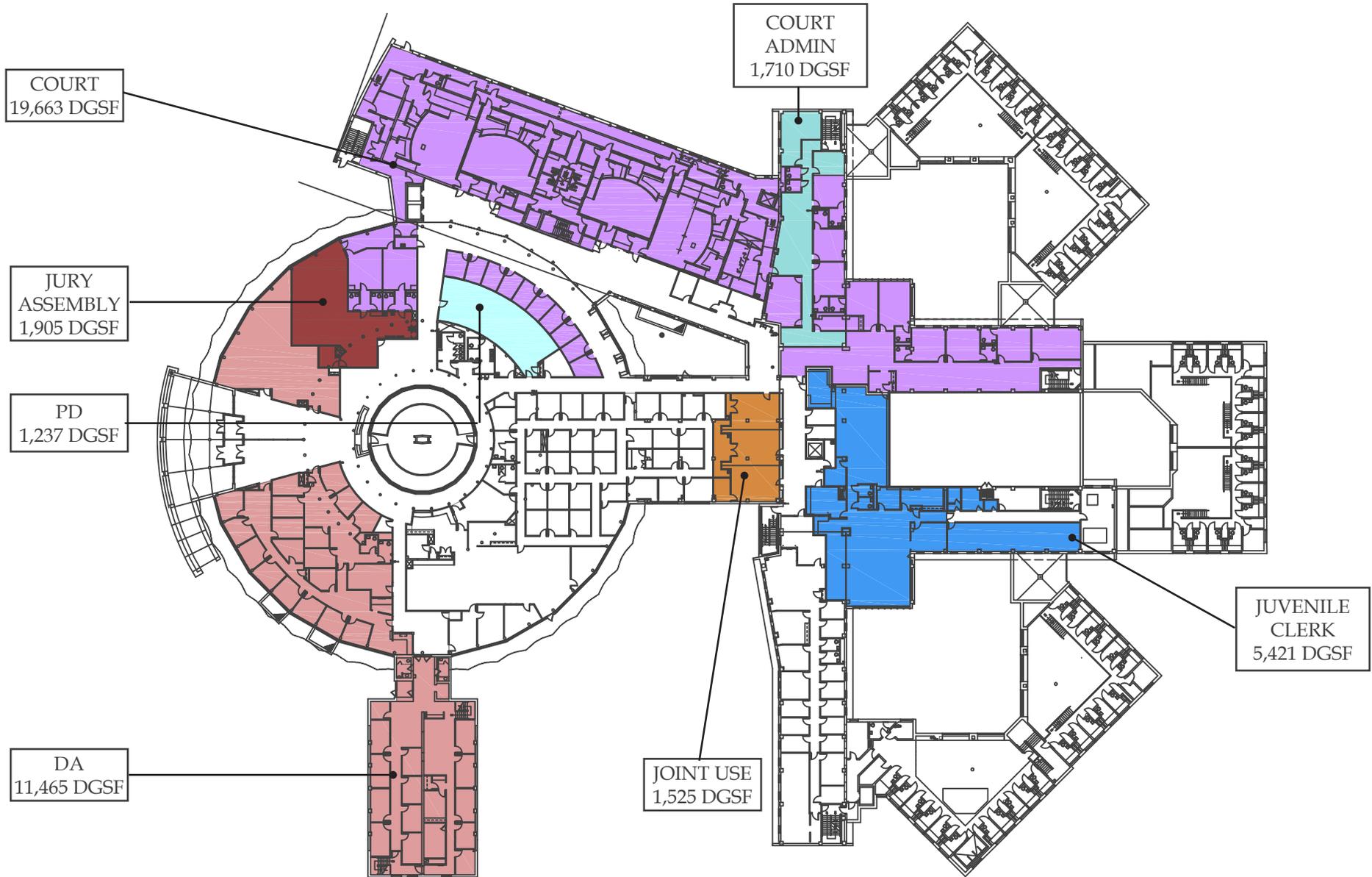
DA  
6,018 DGSF



### Juvenile Justice Center Lower Level

CHILDRENS COURT BUILDING LOWER LEVEL SUMMARY	
TOTAL DGSF - EVALUATED SPACES	9376
TOTAL DGSF - NON-EVALUATED SPACES	72876
TOTAL CIRCULATION/BLDG. SUPPORT/ETC.	40414
<b>TOTAL FLOOR GSF</b>	<b>122666</b>



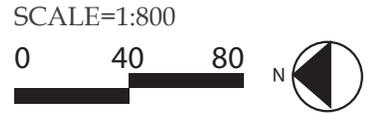


### Juvenile Justice Center Main Level

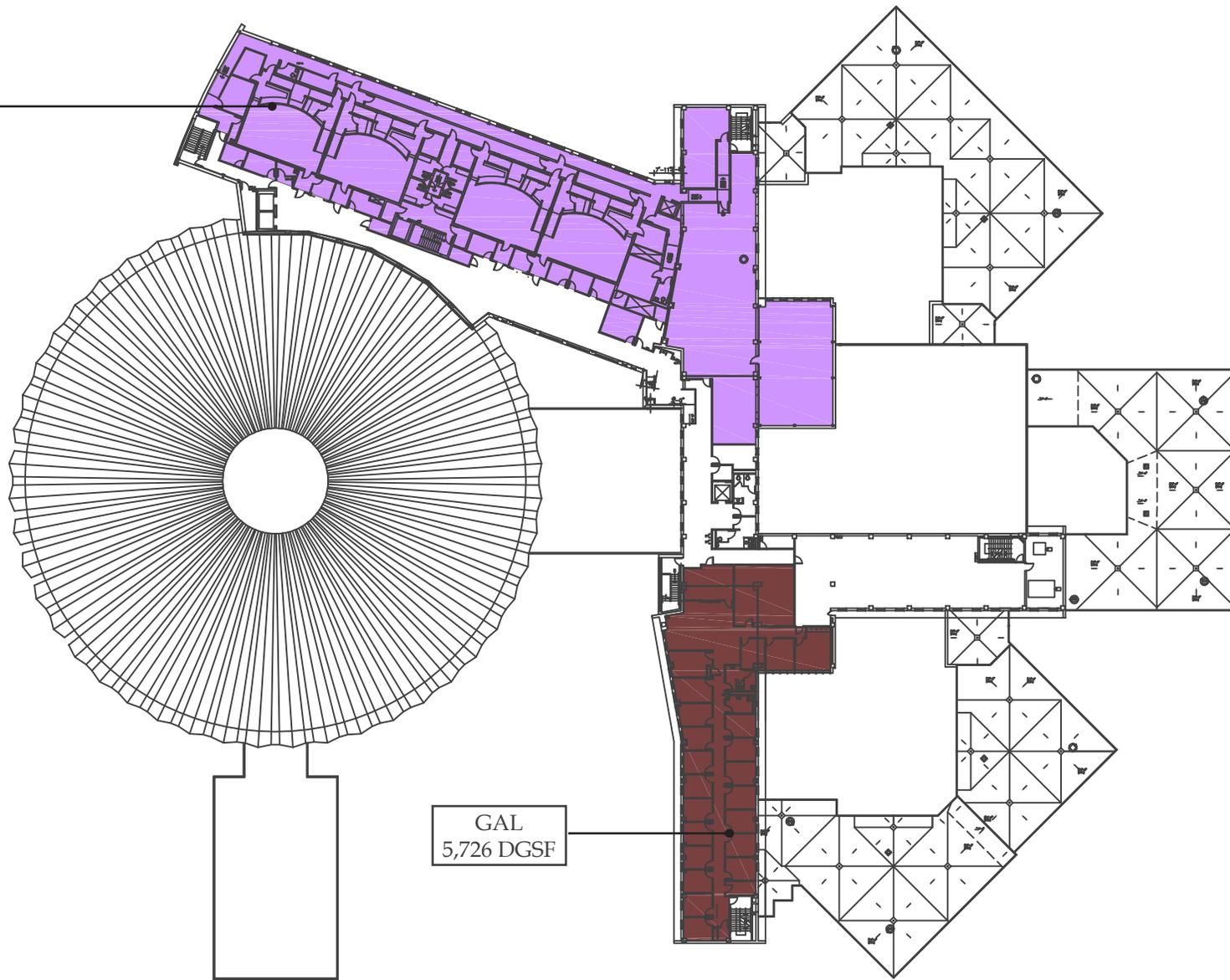
**CHILDRENS COURT BUILDING MAIN LEVEL SUMMARY**

TOTAL DGSF - EVALUATED SPACES	42926
TOTAL DGSF - NON-EVALUATED SPACES	26355
TOTAL CIRCULATION/BLDG. SUPPORT/ETC.	34560

**TOTAL FLOOR GSF** 103841



COURT  
16,803 DGSF



GAL  
5,726 DGSF

### Juvenile Justice Center Upper Level

#### CHILDRENS COURT BUILDING UPPER LEVEL SUMMARY

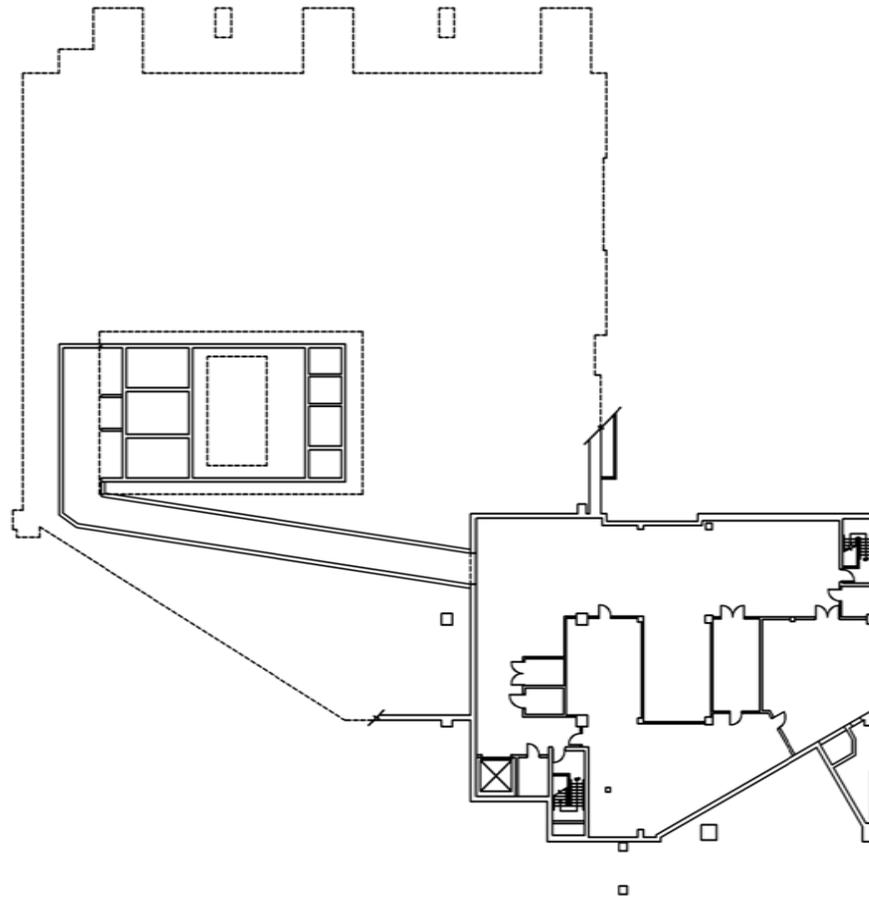
TOTAL DGSF - EVALUATED SPACES	22529
TOTAL DGSF - NON-EVALUATED SPACES	2869
TOTAL CIRCULATION/BLDG. SUPPORT/ETC.	9005

**TOTAL FLOOR GSF 34403**

SCALE=1:800



# CJF BUILDING



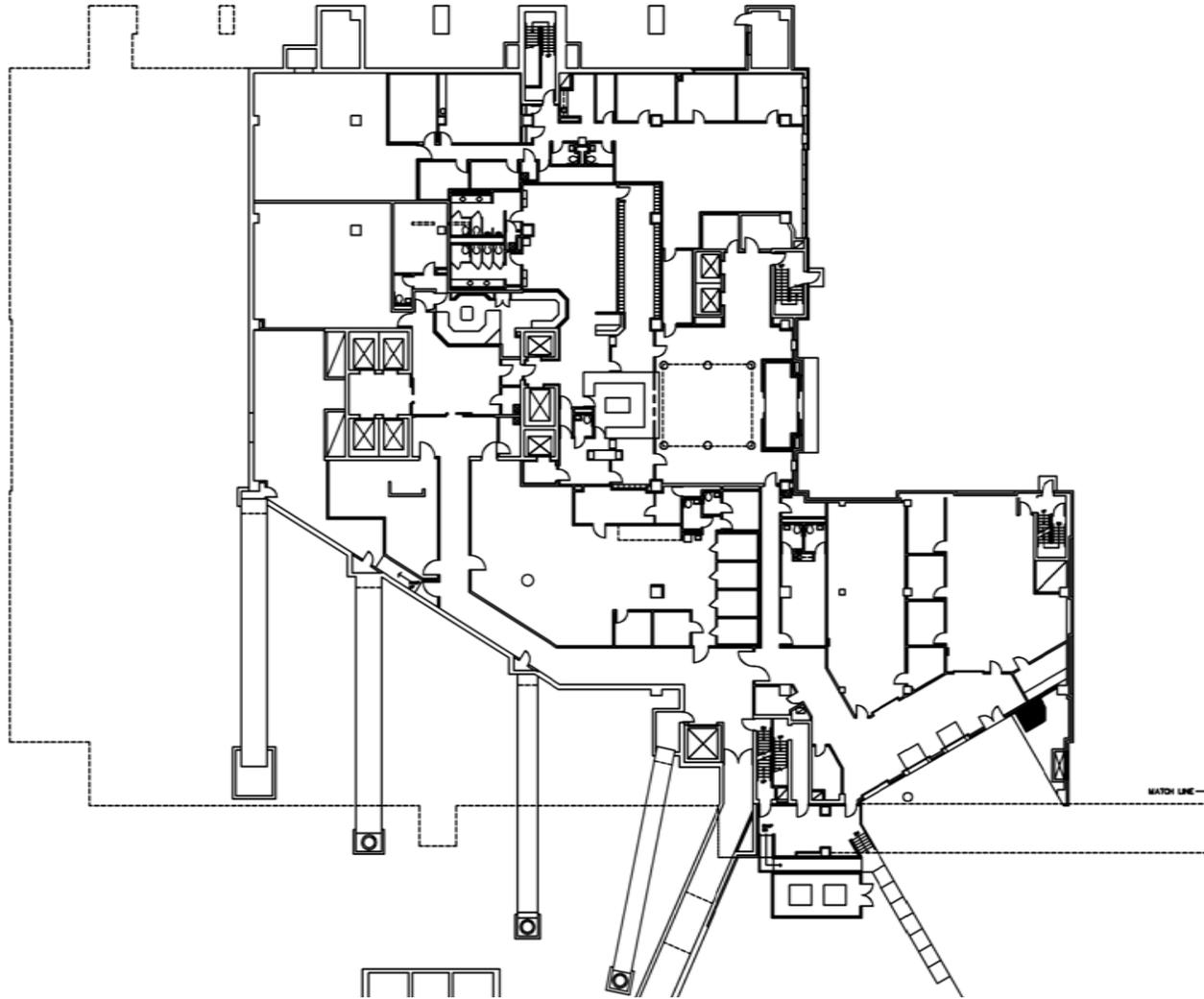
## CJF Building Basement

**CJF BUILDING BASEMENT SUMMARY**

TOTAL DGSF - EVALUATED SPACES	0
TOTAL DGSF - NON-EVALUATED SPACES	6751
TOTAL CIRCULATION/BLDG. SUPPORT/ETC.	1244

<b>TOTAL FLOOR GSF</b>	<b>7995</b>
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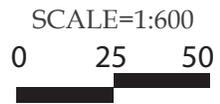


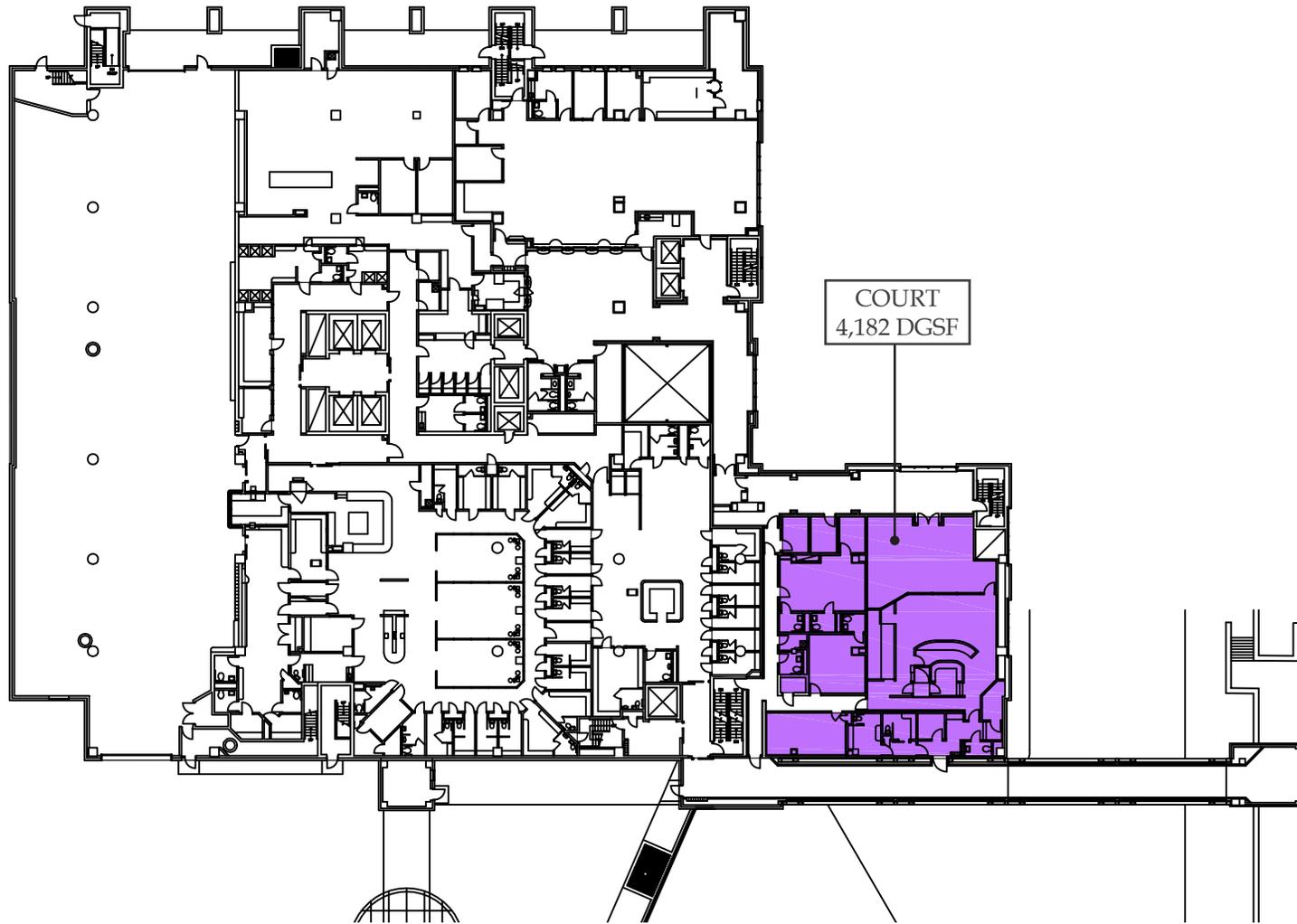
### CJF Building Lower Level

**CJF BUILDING LOWER LEVEL SUMMARY**

TOTAL DGSF - EVALUATED SPACES	0
TOTAL DGSF - NON-EVALUATED SPACES	20674
TOTAL CIRCULATION/BLDG. SUPPORT/ETC.	9963

**TOTAL FLOOR GSF** 30637





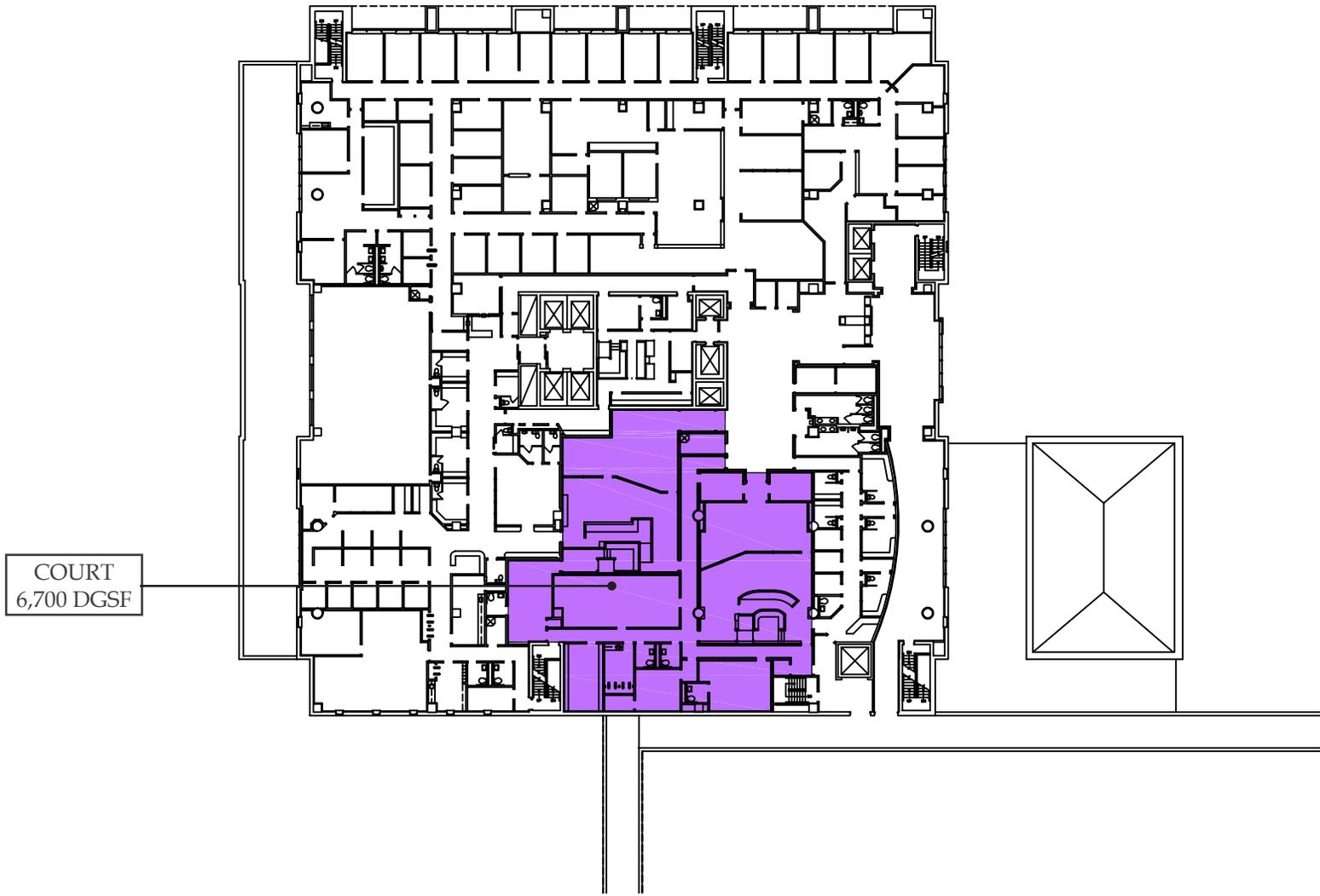
### CJF Building Ground Level

**CJF BUILDING GROUND LEVEL SUMMARY**

TOTAL DGSF - EVALUATED SPACES	4182
TOTAL DGSF - NON-EVALUATED SPACES	18276
TOTAL CIRCULATION/BLDG. SUPPORT/ETC.	29299

**TOTAL FLOOR GSF** 51757

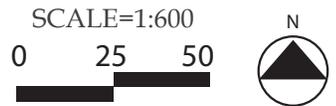




**CJF Building  
Level 1**

<b>CJF BUILDING LEVEL 1 SUMMARY</b>	6700
TOTAL DGSF - EVALUATED SPACES	0
TOTAL DGSF - NON-EVALUATED SPACES	28420
TOTAL CIRCULATION/BLDG. SUPPORT/ETC.	14615

**TOTAL FLOOR GSF** 43035





Justice  
Planning  
Associates, Inc.



IBC  
ENGINEERING  
SERVICES, INC.