

*JFA Associates*  
Washington, D.C.

*Conducting Justice and Corrections Research for Effective Policy Making*

**TEN YEAR POPULATION PROJECTIONS  
FOR THE ARKANSAS DEPARTMENT OF  
COMMUNITY CORRECTIONS FACILITY, PAROLE,  
AND PROBATION POPULATIONS**

**By**

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## **I. INTRODUCTION**

The Arkansas Department of Correction (ADC), the Arkansas Sentencing Commission (ASC), and Arkansas Community Correction (ACC) requested assistance to produce a forecast of the state's inmate population to be completed in 2017. This forecast has been generated for eventual presentation to the Board of Correction as support for budget requests to the Governor and Legislature. This report represents a comprehensive analysis of all trends to include calendar year 2016 data.

This document is provided as an addendum to the prison population forecast briefing document. This document contains tables detailing statistical trends gleaned from aggregate data and from the compute extract files mentioned above. Also contained in this document is a brief summary of significant trends and an explanation of how these trends influenced the development of simulation models for the parole, probation and ACC facility populations.

Included in appendix is a summary of legislative and laws recently put in effect that has or is projected to have an influence on the Arkansas

### **\*SPECIAL NOTE CONCERNING DATA CHANGES FOR THE 2017-2027 FORECASTS**

Similar to past efforts, the current forecast was completed by analysis of current parole, probation (including drug court) and ACC facility population trends and analyzing computer extract files provided by the Department of Community Correction. However, in 2017, all new intake and termination files were generated for both the 2016 parole and probation populations.

While the data gleaned from these new extract files is very similar to extract files produced in previous years, a major change has developed concerning parole and probation revocations. These data are provided in the parole and probation termination files. In past years, the type of revocation (new crime versus technical) was captured from eOMIS data at the beginning of the revocation process. Starting this year, ACC data identifies revocation type at a different point in the process. This enhancement to the eOMIS data extract allows for capture at the Parole Board and Supervision History Event point in addition to adding a greater level of specificity overall. This enhancement has led to a shift in the number of reported new crime violations versus technical violations. This new data is both more accurate and closer to counts reported by ADC admission files.

## **\*SPECIAL NOTE CONCERNING ADDITION OF PRE-TRIAL AND SIS POPULATION FORECASTS**

Beginning with this iteration of the forecast cycle, JFA Associates will begin reporting on trends for two additional ACC populations: pre-trial supervision cases and SIS supervisions cases. While historical data for these populations is limited, trends in intakes, releases and end of month counts for 2016 will be presented. Not enough historical data is available to produce a forecast this year, but will be re-evaluated in future years.

### **III. SUMMARY OF MAJOR TRENDS FOR CY 2016**

#### **2016 PAROLE & PROBATION FORECAST – ACCURACY**

- Projections for the 2016 forecast were tracked from June 2016 to March 2017 (10 months). The total probation population was forecasted to an accuracy of -1.3 percent. The difference in the projected versus actual populations (shown in Table 4) was due to the projected population growth set to decline by +.12 percent per month on average while the actual population grew by +.32 percent per month on average. The probation population in Arkansas increased in 2016 as admissions outpaced releases from supervision.
- The total parole population was forecasted to an accuracy of +0.9 percent. The discrepancy between the projected versus actual populations (shown in Table 5) was caused by the difference between the actual average monthly growth in the parole population of +0.19 percent versus the projected average monthly growth of +.38 percent. The parole population in Arkansas grew on pace with the projected active population while the inactive population far outpaced projected growth.

#### **PROBATION TRENDS 2016**

- Arkansas Department of Community Correction (ACC) probation admissions increased by 10.9 percent in 2015. Probation intakes increased again in 2016, by 8.1 percent. This is the third consecutive year of increasing probation admissions.
- The average sentence of probation continued to remain static. Probationers in both 2015 and 2016 were sentenced to a term of supervision of that averaged 48.5 and 48.6 months respectively.
- The number of active probationers between year-end 2015 and 2016 increased by 713 cases (or 2.8 percent).

- The inactive probation population increased by 12.8 percent in 2016, primarily due to increases in non-reporting cases.
- In 2016, for all probationers exiting supervision, the average length of stay (LOS) under community supervision was 30.2 months. The Bureau of Justice Statistics has reported that for calendar year 2014, the national average length of stay under community supervision was 21.9 months.
- Breaking down releases from probation by type, probation discharges averaged a LOS of 43.5 months while technical revocations and new felony revocations averaged a LOS of 14.6 and 17.8 months respectively.
- As mentioned previously, new data extract files were produced for projections analysis in 2016. The more up-to-date data allows for greater complete tracking of technical versus new charge probation revocations. According to the new data, technical and new charge revocations were terminated supervision at similar levels in 2016. New crime revocations comprised 14.5 percent of terminations while technical revocations made up 15.7 percent of terminations. In the past, the majority of revocations had been reported as technical violators.
- Overall, probation terminations were down by 3.9 percent in 2016.

## **PAROLE TRENDS 2016**

- Parole intakes increased between 2015 and 2016 by 3.5 percent. The largest increases occurred among intakes from the ADC.
- Parolees coming from the ADC in 2016 were sentenced, on average, to a term of 58.4 months, compared to an average of 55.4 months for all parole intakes.
- The new parole termination extract file shows that new crime revocations comprise the majority of revocations from parole. This is in contrast to historical data. As explained earlier, this is due to enhancements made to the eOMIS data extracts.
- The active parole population increased by almost 4.8 percent in 2016. The growth in the active parole population continues to be due to the large exit flow of parolees leaving the ADC.
- Technical parole violators were supervised an average of 20.0 months before being revoked while new felony violators had served 17.4 months.

## **NEW PROJECTIONS AND ASSUMPTIONS**

### **PROBATION PROJECTIONS**

- The overall probation population is projected to increase in the next 10 years from an actual total of 31,293 at the end of 2016 to 34,807 at end of 2027.
- Given the past two-year trend in admissions to probation, it is assumed probation admissions will grow steadily at 3.0 percent per year throughout the forecast horizon. The resulting projection is an average annual increase of 1.0 percent in the total probation population per year through the year 2027.
- At the end of December 2016, the active probation population was 25,777. It is projected to increase to 26,647 by the end of 2017 then to grow steadily across the forecast horizon to 32,521 by December 2027.
- At the end of December 2016 the inactive probation population was 5,516. This population is projected to be 5,488 at year end 2017. By December 2027, the number of persons under inactive probation supervision is projected to be 2,286.

### **PAROLE PROJECTIONS**

- The overall parole population is projected to grow marginally over the next 10 years from a total of 24,196 at the end of 2017 to 26,114 at end of 2027.
- The total parole population is broken down into two groups, offenders on active supervision and offenders under inactive supervision. At the end of December 2016, the active parole population was 18,692. The population is projected to increase to 18,932 by year end 2017 and then continue to increase to 24,042 by December 2027. The projected change represents average annual increases of 2.4 percent per year through the year 2027.
- At the end of December 2016, the inactive parole population was 5,463. The population is projected to decrease to 5,264 in 2017. By December 2027, the number of persons under inactive parole supervision is projected to be 2,072.

#### IV. CRIME & POPULATION TRENDS

**TABLE 1  
ARKANSAS PROJECTED DEMOGRAPHIC TRENDS 2016-2025**

<b>Year</b>	<b>Total Resident Population</b>	<b>Projected Annual Percent Change</b>
<i>Actual 2016</i>	<i>2,988,248</i>	-
2017	3,026,555	1.3%
2018	3,044,865	0.6%
2019	3,062,041	0.6%
2020	3,078,021	0.5%
2021	3,092,955	0.5%
2022	3,107,234	0.5%
2023	3,121,147	0.4%
2024	3,134,930	0.4%
2025	3,148,708	0.4%
Avg. Projected Change 2016-2025		0.6%

*Source: US Census Bureau; University of Arkansas Institute for Economic Advancement*

**TABLE 2  
ARKANSAS HISTORICAL AT-RISK POPULATION 2010-2016**

<b>Year</b>	<b>Estimated Male Resident Population Ages 18-35</b>
2010	351,823
2011	354,701
2012	356,872
2013	357,845
2014	354,200
2015	356,162
2016	356,276
Percent Average Change 2010-2016	0.2%

*Source: US Census Bureau*

**TABLE 3  
COMPARISON BETWEEN UNITED STATES AND ARKANSAS  
ON KEY POPULATION AND CRIME DEMOGRAPHICS**

	United States	Arkansas
<b>POPULATION<sup>1</sup></b>		
Total Population (7/1/16)	323,127,513	2,988,248
Change in Population		
1-year change (7/1/15 – 7/1/16)	0.5%	0.3%
10-year change (7/1/06 – 7/1/16)	8.2%	6.3%
<b>CRIME RATE<sup>2</sup> (Rate per 100,000 inhabitants)</b>		
UCR Part I Reported Crime Rates (2015)		
Total	2,870.2	3,772.8
Violent	383.2	521.3
Property	2,487.0	3,251.5
Change in Total Reported Crime Rate		
1-year change (2014-2015)	-3.4%	-1.2
10-year change (2005-2015)	-26.4%	-17.9
<b>PRISON POPULATION<sup>3</sup></b>		
Total Inmates (State Prisons Only) 2016**	1,330,337	17,537
1-year change (2015-2016)	-1.5%	-0.8%
10-year change (2006-2016)	-0.6%	28.0%
Average annual change (2006-2016)	0.0%	2.7%
State Incarceration Rate (per 100,000 residents) <sup>4</sup>	521	774
<b>PAROLE POPULATION (2016)<sup>5***</sup></b>	756,055	24,162
Rate per 100,000 residents <sup>6</sup>	304	1,012
<b>PROBATION POPULATION (2016)<sup>7***</sup></b>	3,771,417	31,293
Rate per 100,000 residents <sup>8</sup>	1,514	1,267

*\*\*Year end 2015 is the latest data available for the US; \*\*\*US: States only, federal supervision excluded, data are for year end 2015*

<sup>1</sup> U.S. Census Bureau, Population estimates for July 1, 2016.

<sup>2</sup> Uniform Crime Reports, Crime in the United States – 2015, Federal Bureau of Investigation.

<sup>3</sup> Prisoners in Year End 2015, Bureau of Justice Statistics, Dec. 2016; Arkansas Department of Correction Statewide Population Report.

<sup>4</sup> Prisoners in Year End 2015, Bureau of Justice Statistics, Dec. 2016; US (excludes federal prisons); Rate is for adults only.

<sup>5</sup> US data source: Probation and Parole in the United States, 2015 Bureau of Justice Statistics, Revised Feb. 2017; Arkansas data source: Statewide Field Operations Report Dec. 2016.

<sup>6</sup> US and Arkansas data source: Probation and Parole in the United States, 2015 Bureau of Justice Statistics, Revised Feb. 2017

<sup>7</sup> US data source: Probation and Parole in the United States, 2015 Bureau of Justice Statistics, Revised Feb. 2017; Arkansas data source: Statewide Field Operations Report Dec. 2016.

<sup>8</sup> US and Arkansas data source: Probation and Parole in the United States, 2015 Bureau of Justice Statistics, Revised Feb. 2017

## V. ACCURACY OF PREVIOUS PAROLE AND PROBATION FORECASTS

**TABLE 4  
ACCURACY OF THE 2016 PROBATION PROJECTIONS**

Month-Year	Active				Inactive				Total			
	Projected	Actual	Numeric Diff.	% Diff.	Projected	Actual	Numeric Diff.	% Diff.	Projected	Actual	Numeric Diff.	% Diff.
Jun-16	25,376	25,282	94	0.4%	5,160	5,304	-144	-2.7%	30,536	30,586	-50	-0.2%
Jul-16	25,444	25,211	233	0.9%	5,136	5,507	-371	-6.7%	30,580	30,718	-138	-0.4%
Aug-16	25,389	25,393	-4	0.0%	5,236	5,449	-213	-3.9%	30,625	30,842	-217	-0.7%
Sep-16	25,401	25,519	-118	-0.5%	5,294	5,458	-164	-3.0%	30,695	30,977	-282	-0.9%
Oct-16	25,378	25,679	-301	-1.2%	5,351	5,446	-95	-1.7%	30,729	31,125	-396	-1.3%
Nov-16	25,530	25,791	-261	-1.0%	5,266	5,427	-161	-3.0%	30,796	31,218	-422	-1.4%
Dec-16	25,505	25,777	-272	-1.1%	5,316	5,516	-200	-3.6%	30,821	31,293	-472	-1.5%
Jan-17	25,741	25,753	-12	0.0%	5,106	5,718	-612	-10.7%	30,847	31,471	-624	-2.0%
Feb-17	25,731	25,882	-151	-0.6%	5,104	5,712	-608	-10.6%	30,835	31,594	-759	-2.4%
Mar-17	25,760	25,943	-183	-0.7%	5,110	5,542	-432	-7.8%	30,870	31,485	-615	-2.0%
Average Difference			-98	-0.4%			-300	-5.4%			-398	-1.3%

*Source: Actual counts from Statewide Parole Probation Service Report*



**TABLE 5  
ACCURACY OF THE 2016 PAROLE PROJECTIONS**

Month-Year	Active				Inactive				Total			
	Projected	Actual	Numeric Diff.	% Diff.	Projected	Actual	Numeric Diff.	% Diff.	Projected	Actual	Numeric Diff.	% Diff.
Jun-16	18,028	17,779	249	1.4%	5,712	5,540	172	3.1%	23,740	23,319	421	1.8%
Jul-16	18,065	17,773	292	1.6%	5,724	5,435	289	5.3%	23,789	23,208	581	2.5%
Aug-16	18,078	18,047	31	0.2%	5,728	5,524	204	3.7%	23,806	23,571	235	1.0%
Sep-16	18,119	17,990	129	0.7%	5,741	5,475	266	4.9%	23,860	23,465	395	1.7%
Oct-16	18,166	17,990	176	1.0%	5,756	5,454	302	5.5%	23,922	23,444	478	2.0%
Nov-16	18,253	18,652	-399	-2.1%	5,784	5,429	355	6.5%	24,037	24,081	-44	-0.2%
Dec-16	18,272	18,693	-421	-2.3%	5,790	5,469	321	5.9%	24,062	24,162	-100	-0.4%
Jan-17	18,486	18,304	182	1.0%	5,571	5,555	16	0.3%	24,057	23,859	198	0.8%
Feb-17	18,540	18,626	-86	-0.5%	5,486	5,483	3	0.0%	24,026	24,109	-83	-0.3%
Mar-17	18,573	18,757	-184	-1.0%	5,569	5,364	205	3.8%	24,142	24,121	21	0.1%
Average Difference			-3	0.0%			213	3.9%			210	0.9%

*Source: Actual counts from Statewide Parole Probation Service Report*

## VI. PROBATION TRENDS AND FORECAST

**TABLE 6  
HISTORICAL PROBATION ADMISSIONS  
CY 2006 - 2016**

CY	Admit Type				Total
	From Court	Arkansas ISC from other state	From other ISC states	Other	
2006	8,370	95	474	168	9,107
2007	9,048	144	706	125	10,023
2008	8,542	156	495	105	9,298
2009	8,450	124	148	112	8,834
2010	7,991	137	88	93	8,309
2011	8,877	178	599	100	9,754
2012	8,570	138	567	121	9,396
2013	8,219	142	591	116	9,068
2014	9,084	182	551	46	9,863
2015	10,153	193	522	66	10,934
2016	11,006	204	552	56	11,818
Numeric Change 2015-2016	853	11	30	-10	884
Percent Change 2015-2016	8.4%	5.7%	5.7%	-15.2%	8.1%
Percent Change 2006-2016	31.5%	114.7%	16.5%	-66.7%	29.8%
Average Percent Change 2006-2016	3.0%	10.0%	48.2%	-6.0%	3.0%

*Source: 2006-2015 counts from Statewide Parole Probation Service Report; "Other" is a 'catchall' category composed of groups too small for statistically significant analysis to be generated and/or have no significant impact to the simulation model; 2015 data from CY 2015 ACC probationer intake extract file; 2016 data from revised ACC probationer intake extract files;*

*\*Note: beginning in 2016 Drug Court cases are not tracked separately by this report.*

**TABLE 7  
PROBATION ADMISSIONS CY 2015 & 2016 COMPARISON**

<b>Admit Type</b>	<b>N</b>	<b>%</b>	<b>2016 Average Sentence (mos.)</b>	<b>2015 Average Sentence (mos.)</b>
From Court	11,006	93.1%	47.2	50.1
Arkansas Interstate Compact Returns	204	1.7%	n/a	40.1
Interstate Compact	552	4.7%	55.5	42.7
Other	56	0.5%	54.1	60.2
<b>Total</b>	<b>11,818</b>	<b>100.0%</b>	<b>48.4</b>	<b>48.5</b>

*Source: CY 2015 ACC probationer intake extract files; 2016 data from revised ACC probationer intake extract files; "Other" is a 'catchall' category composed of groups too small for statistically significant analysis to be generated and/or have no significant impact to the simulation model*

**TABLE 8  
HISTORICAL ACTIVE PROBATION POPULATION  
END OF CY 2012 - 2016**

<b>CY</b>	<b>Maximum</b>	<b>Medium</b>	<b>Minimum</b>	<b>Annual Reporting/ Unassigned</b>	<b>Evader/ Absconders Not in Custody</b>	<b>Total Active</b>
2012	1,143	5,903	11,905	2,226	4,455	25,632
2013	1,394	5,377	12,135	1,691	4,549	25,146
2014	1086	5,958	11,575	1,411	4,606	24,636
2015	568	5,788	12,313	1,667	4,728	25,064
2016	632	7,177	11,359	1,511	5,098	25,777
Numeric Change 2015-2016	64	1,389	-954	-156	370	713
Percent Change 2015-2016	11.3%	24.0%	-7.7%	-9.4%	7.8%	2.8%
Percent Change 2012-2016	-44.7%	21.6%	-4.6%	-32.1%	14.4%	0.6%
Average Percent Change 2012-2016	-9.1%	5.8%	-1.0%	-8.0%	3.5%	0.2%

*Source: Statewide Parole Probation Service Report; \*Note: beginning in 2016 Drug Court cases are not tracked separately by this report*

**TABLE 9  
HISTORICAL INACTIVE PROBATION POPULATION  
END OF CY 2012 - 2016**

<b>CY</b>	<b>Unsupervised</b>	<b>AR compact cases in other states</b>	<b>Non- reporting</b>	<b>Incarcerated</b>	<b>Total Inactive</b>
2012	1,590	1,409	1,451	1,688	6,138
2013	1,346	1,423	1,404	1,678	5,851
2014	960	1,345	1,170	1,688	5,163
2015	786	1,317	1,502	1,286	4,891
2016	666	1,405	2,055	1,390	5,516
Numeric Change 2015-2016	-120	88	553	104	625
Percent Change 2015-2016	-15.3%	6.7%	36.8%	8.1%	12.8%
Percent Change 2012-2016	-58.1%	-0.3%	41.6%	-17.7%	-10.1%
Average Percent Change 2012-2016	-19.4%	0.0%	11.3%	-3.9%	-2.2%

*Source: Statewide Parole Probation Service Report; \*Note: beginning in 2016 Drug Court cases are not tracked separately by this report*

**TABLE 10  
HISTORICAL PROBATION RELEASES  
CY 2006 - 2016**

<b>CY</b>	<b>New Crime Revocation***</b>	<b>Technical Revocation***</b>	<b>Other Rev.</b>	<b>Discharge</b>	<b>Other</b>	<b>Drug Court Revocation**</b>	<b>Drug Court Other**</b>	<b>Total</b>
2006	766	922	1	4,297	1,440	177	353	7,956
2007	867	1,252	1	4,964	1,894	204	435	9,617
2008	846	1,068	1	5,233	1,803	268	499	9,718
2009	783	1,060	0	5,318	1,570	307	570	9,608
2010	726	1,008	2	5,573	1,449	303	497	9,558
2011	798	988	0	5,382	1,910	390	576	10,044
2012	649	1,613	103	4,840	1,851	475	533	10,064
2013	779	1,447	202	4,895	1,965	520	489	10,297
2014*	525	2,457	1	5,298	2,547	510	595	11,933
2015	417	2,679	0	4,795	1,635	487	820	10,833
2016	1,643	1,984	0	4,995	1,793	-	-	10,415
Numeric Change 2015-2016	-	-	-	200	158	-	-	-418
Percent Change 2015-2016	-	-	-	4.2%	9.7%	-	-	-3.9%
Percent Change 2006-2016	-	-	-	16.2%	24.5%	-	-	30.9%
Average Percent Change 2006-2016	-	-	-	1.8%	4.4%	-	-	3.1%

*Source: 2006-2015 counts from Statewide Parole Probation Service Report; "Other" is a 'catchall' category composed of groups too small for statistically significant analysis to be generated and/or have no significant impact to the simulation model \*Note: 2014 counts revised by ACC Research/Planning/Evaluation; 2016 data from revised ACC probationer termination extract files; \*\*Note: beginning in 2016 Drug Court cases are not tracked separately by this report; \*\*\*Note: As mentioned previously, data enhancements have caused a shift in revocation classification*

**TABLE 11  
PROBATION RELEASES 2015 & 2016 COMPARISON**

<b>Release Type</b>	<b>N</b>	<b>%</b>	<b>2016 Average Length of Stay (mos.)</b>	<b>2015 Average Length of Stay (mos.)</b>
New Crime Revocation	1,643	15.8%	17.3	14.3
Technical Revocation	1,984	19.0%	13.8	5.6
Discharge	4,995	48.0%	41.3	39.0
Other	1,793	17.2%	28.7	24.9
<b>Total</b>	<b>10,415</b>	<b>100.0%</b>	<b>30.2</b>	<b>27.7</b>

*Source: 2016 data from revised ACC probationer termination extract files; "Other" is a 'catchall' category composed of groups too small for statistically significant analysis to be generated and/or have no significant impact to the simulation model*

**TABLE 12**  
**HISTORICAL VERSUS PROJECTED PROBATION POPULATIONS**  
**2006 - 2027**

Year	Historical Active	Historical Inactive	Historical Total	Projected Active	Projected Inactive	Projected Total
2006	27,126	5,716	32,842			
2007	27,565	5,738	33,303			
2008	26,969	5,863	32,832			
2009	26,105	5,594	31,699			
2010	24,596	5,466	30,062			
2011	26,028	5,810	31,838			
2012	25,632	6,138	31,770			
2013	25,146	5,851	30,997			
2014	24,636	5,163	29,799			
2015	25,064	4,891	29,955			
2016	<b>25,777</b>	<b>5,516</b>	<b>31,293</b>	<b>25,777</b>	<b>5,516</b>	<b>31,293</b>
2017				26,647	5,488	32,135
2018				28,164	5,200	33,364
2019				28,955	4,790	33,745
2020				29,806	4,321	34,127
2021				30,297	3,860	34,157
2022				30,565	3,662	34,227
2023				30,895	3,484	34,379
2024				31,294	3,133	34,427
2025				31,625	2,827	34,452
2026				32,121	2,535	34,656
2027				32,521	2,286	35,207
Avg. % Change 2006-2016	-0.5%	-0.1%	-0.4%			
Avg. % Change 2017-2027				2.4%	-11.1%	1.0%



## VII. PAROLE TRENDS AND FORECAST

**TABLE 13  
HISTORICAL PAROLE ADMISSIONS  
CY 2006 - 2016**

CY	Admit Type						
	From ADC	From ACC	From Court	Arkansas Interstate Compact Returns	Interstate Compact	Other	Total
2006	5,289	2,991	6	36	226	6	8,554
2007	5,694	2,985	13	48	271	10	9,021
2008	6,225	3,022	9	80	245	5	9,586
2009	6,513	3,283	13	90	323	7	10,229
2010	6,161	3,081	8	126	281	11	9,668
2011	6,612	2,768	9	123	298	7	9,817
2012	6,056	3,419	9	170	288	2	9,944
2013	6,000	3,246	9	190	308	0	9,753
2014*	8,210	2,336	17	223	285	0	11,071
2015	9,059	1,354	2	188	306	0	10,909
2016	9,396	1,466	0	179	242	10	11,293
Numeric Change 2015-2016	337	112	-2	-9	-64	10	384
Percent Change 2015-2016	3.7%	8.3%	-	-4.8%	-20.9%	-	3.5%
Percent Change 2006-2016	77.7%	-51.0%	-	-	7.1%	-	32.0%
Average Percent Change 2006-2016	6.5%	-5.0%	0.5%	19.7%	1.8%	-	2.9%

*Source: 2006-2015 counts from Statewide Parole Probation Service Report; \*Note: 2014 data provided by ACC Research/Planning/Evaluation; 2016 data from revised ACC parole intake extract files; "Other" is a 'catchall' category composed of groups too small for statistically significant analysis to be generated and/or have no significant impact to the simulation model*

**TABLE 14  
CY 2015 & 2016 PAROLE ADMISSIONS COMPARISON**

<b>Admit Type</b>	<b>N</b>	<b>%</b>	<b>2016 Avg. Term (mos.)</b>	<b>2015 Avg. Term (mos.)</b>
From ADC	9,396	83.2%	58.4	61.9
From ACC	1,466	13.0%	33.8	28.3
From Court	10	0.1%	42.4	70.8
Arkansas Interstate Compact Returns	179	1.6%	n/a	58.7
Interstate Compact	242	2.1%	66.3	74.9
Other	0	0.0%	-	40.5
<b>Total</b>	<b>11,293</b>	<b>100.0%</b>	<b>55.4</b>	<b>58.0</b>

*Source: 2016 data from revised ACC parole intake extract files; Note: sentences for Arkansas ISC cases not yet available for 2016; "Other" is a 'catchall' category composed of groups too small for statistically significant analysis to be generated and/or have no significant impact to the simulation model; "Other" is a 'catchall' category composed of groups too small for statistically significant analysis to be generated and/or have no significant impact to the simulation model*

**TABLE 15  
HISTORICAL ACTIVE PAROLE POPULATION  
CY 2006 - 2016**

<b>CY</b>	<b>Maximum</b>	<b>Medium</b>	<b>Minimum</b>	<b>Annual Reporting</b>	<b>Evaders/ Absconders not in custody</b>	<b>Total Active Cases</b>
2006	1,018	6,959	2,908	505	2,840	14,230
2007	1,195	6,504	4,357	430	2,335	14,821
2008	900	6,753	4,226	582	2,082	14,543
2009	847	7,346	4,360	1,126	1,955	15,634
2010	752	7,237	4,218	1,592	1,891	15,690
2011	975	6,199	5,486	1,983	2,067	16,710
2012	1,913	5,588	4,938	1,799	2,136	16,374
2013	2,011	5,406	4,674	1,393	2,252	15,736
2014	2,048	5,446	5,708	1,216	2,060	16,478
2015	1,436	5,994	6,659	1,718	2,033	17,840
2016	1,709	6,692	6,267	1,701	2,323	18,692
Numeric Change 2015-2016	273	698	-392	-17	290	852
Percent Change 2015-2016	19.0%	11.6%	-5.9%	-1.0%	14.3%	4.8%
Percent Change 2006-2016	67.9%	-3.8%	115.5%	236.8%	-18.2%	31.4%
Average Percent Change 2006-2016	9.8%	0.0%	9.4%	17.6%	-1.5%	2.8%

*Source: Statewide Parole Probation Service Report*

**TABLE 16  
HISTORICAL INACTIVE PAROLE POPULATION  
CY 2006 - 2016**

<b>CY</b>	<b>Unsupervised</b>	<b>Arkansas Interstate Compact cases in other states</b>	<b>Non- reporting</b>	<b>Incarcerated</b>	<b>Other</b>	<b>Total Inactive Cases</b>
2006	2,011	657	409	816	0	3,893
2007	2,096	590	538	1,101	0	4,325
2008	2,590	1,127	662	1,052	0	5,431
2009	2,576	1,271	756	1,208	0	5,811
2010	2,673	1,369	868	1,174	0	6,084
2011	2,861	1,510	940	1,386	0	6,697
2012	3,191	1,532	944	1,616	0	7,283
2013	2,611	1,615	947	1,315	0	6,488
2014	2,230	1,732	1,068	1,024	0	6,054
2015	1,817	1,797	1,441	536	0	5,591
2016	1,491	1,817	1,325	758	72	5,463
Numeric Change 2015-2016	-326	20	-116	222	-	-128
Percent Change 2015-2016	-17.9%	1.1%	-8.0%	41.4%	-	-2.3%
Percent Change 2006-2016	-25.9%	-	-	-7.1%	-	40.3%
Average Percent Change 2006-2016	-2.0%	13.1%	13.2%	3.0%	-	4.0%

*Source: Statewide Parole Probation Service Report; "Other" is a 'catchall' category composed of groups too small for statistically significant analysis to be generated and/or have no significant impact to the simulation model*

**TABLE 17  
HISTORICAL PAROLE RELEASES  
CY 2006 - 2016**

<b>CY</b>	<b>New Crime Revocation</b>	<b>Technical Revocation</b>	<b>Other Revocation</b>	<b>Discharge</b>	<b>Other</b>	<b>Total</b>
2006	897	2,049	4	2,344	1,063	6,357
2007	684	1,935	0	2,118	506	5,243
2008	943	1,677	1	2,214	649	5,484
2009	961	1,182	33	2,442	666	5,284
2010	932	1,520	48	2,480	719	5,699
2011	841	1,807	350	3,477	1,922	8,397
2012	660	2,933	63	3,444	1,835	8,935
2013	818	5,186	54	3,290	1,876	11,224
2014	315	5,945	0	2,995	1,886	11,141
2015	803	4,701	0	3,242	1,546	10,292
2016	4,000	1,953	61	3,540	1,303	10,857
Numeric Change 2015-2016	-	-	-	298	-243	565
Percent Change 2015-2016	-	-	-	9.2%	-15.7%	5.5%
Percent Change 2006-2016	-	-	-	51.0%	22.6%	70.8%
Average Percent Change 2006-2016	-	-	-	5.0%	11.8%	6.8%

*Source: 2006-2015 counts from Statewide Parole Probation Service Report; "Other" is a 'catchall' category composed of groups too small for statistically significant analysis to be generated and/or have no significant impact to the simulation model; 2016 data from revised ACC parole termination extract files*

**TABLE 18  
PAROLE RELEASES 2015 & 2016 COMPARISON**

<b>Release Type</b>	<b>N</b>	<b>%</b>	<b>2016 Avg. Length of Parole (mos.)</b>	<b>2015 Avg. Length of Parole (mos.)</b>
New Crime Revocation	4,000	36.8%	17.4	13.7
Technical Revocation	1,953	18.0%	20.0	8.4
Other Revocation	61	0.6%	15.1	-
Discharge	3,540	32.6%	37.7	35.7
Other	1,303	12.0%	30.3	25.9
<b>Total</b>	<b>10,857</b>	<b>100.0%</b>	<b>25.8</b>	<b>18.7</b>

*Source: 2016 data from revised ACC parole termination extract files; "Other" is a 'catchall' category composed of groups too small for statistically significant analysis to be generated and/or have no significant impact to the simulation model*

**TABLE 19  
HISTORICAL VERSUS PROJECTED PAROLE POPULATIONS  
2006 - 2027**

Year	Historical Active	Historical Inactive	Historical Total	Projected Active	Projected Inactive	Projected Total
2006	14,230	3,893	13,076			
2007	14,821	4,325	14,674			
2008	14,543	5,431	16,472			
2009	15,634	5,811	18,123			
2010	15,690	6,084	19,146			
2011	16,710	6,697	19,974			
2012	16,374	7,283	21,445			
2013	15,736	6,488	22,224			
2014	16,478	6,054	22,532			
2015	17,840	5,591	23,431			
2016	<b>18,692</b>	<b>5,463</b>	<b>24,155</b>	<b>18,692</b>	<b>5,463</b>	<b>24,155</b>
2017				18,932	5,264	24,196
2018				18,891	5,361	24,252
2019				19,338	5,160	24,498
2020				19,912	4,786	24,698
2021				20,537	4,366	24,903
2022				21,207	4,001	25,208
2023				21,853	3,572	25,425
2024				22,404	3,177	25,581
2025				23,047	2,736	25,783
2026				23,752	2,187	25,939
2027				24,046	2,068	26,114
Avg. % Change 2006-2016	2.8%	4.0%	6.4%			
Avg. % Change 2017-2027				2.4%	-8.7%	0.8%

## VIII. ACC FACILITY TRENDS

**TABLE 20-A  
HISTORICAL ACC CENTER AVERAGE DAILY POPULATION WITH PEAKING FACTOR**

Year	Central		East Central		Northeast		Northwest		Southwest	
	Avg. Pop.	Peaking Factor	Avg. Pop.	Peaking Factor	Avg. Pop.	Peaking Factor	Avg. Pop.	Peaking Factor	Avg. Pop.	Peaking Factor
2006	149.8	0.1%	n/a	n/a	237.9	0.5%	n/a	n/a	439.3	8.1%
2007	149.6	0.3%	n/a	n/a	237.3	0.6%	n/a	n/a	473.5	0.2%
2008	147.3	1.5%	n/a	n/a	204.8	14.5%	83.2	0.2	455.9	3.7%
2009	148.5	0.9%	n/a	n/a	178.5	29.8%	96.4	4.4%	458.1	3.4%
2010	149.7	0.3%	n/a	n/a	238.1	0.4%	98.2	1.4%	475.0	0.3%
2011	148.2	1.2%	n/a	n/a	231.9	3.8%	96.3	3.7%	464.7	2.2%
2012	147.0	3.4%	n/a	n/a	210.0	9.0%	96.0	4.2%	361.0	11.9%
2013	149.3	1.1%	n/a	n/a	215.2	8.3%	98.9	4.1%	356.6	4.0%
2014	149.0	2.1%	n/a	n/a	236.9	2.1%	99.7	2.3%	463.5	3.6%
2015	149.3	3.8%	n/a	n/a	235.2	3.3%	99.9	2.1%	424.3	8.2%
2016	153.4	5.0%	248.8	22.6%	226.9	6.7%	107.9	11.2%	455.3	9.2%
Avg. % Change	0.2%		n/a		0.3%		1.7%		1.1%	

Source: ACC facility monthly census 3/1/2005 – 12/31/2011; ACC facility daily census 2012 – 2016; \*Note: Southeast facility has closed as of the issuance of this document



**TABLE 20-B  
HISTORICAL ACC CENTER AVERAGE DAILY POPULATION WITH PEAKING FACTOR**

CY	East Central TVP		Omega TVP		Southeast TVP	
	Avg. Pop.	Peaking Factor	Avg. Pop.	Peaking Factor	Avg. Pop.	Peaking Factor
2006	n/a	n/a	n/a	n/a	n/a	n/a
2007	n/a	n/a	n/a	n/a	n/a	n/a
2008	n/a	n/a	n/a	n/a	n/a	n/a
2009	n/a	n/a	n/a	n/a	33	3.6%
2010	n/a	n/a	281.4	0.8%	33.5	4.5%
2011	n/a	n/a	242.4	18.8%	32.5	10.8%
2012	n/a	n/a	278.0	5.0%	49.0	40.8%
2013	n/a	n/a	272.3	9.2%	49.4	29.7%
2014*	n/a	n/a	282.0	3.5%	50.3	17.3%
2015	n/a	n/a	283.5	5.1%	51.8	13.8%
2016**	54.4	19.5%	259.8	12.8%	36.7	20.0%
Avg. % Change	n/a		1.7%		4.0%	

Source: ACC facility monthly census 3/1/2005 – 12/31/2011; ACC facility daily census 2012 - 2016; \*Note: Southwest TVP was closed for most of 2014; \*\*Note: Southeast has closed as of the issuance of this document

**TABLE 21  
HISTORICAL CENTRAL RELEASES**

Year	Supervision	Probation	ADC	Other	Short Term Drug Treatment	Total
2006	182	28	15	21	-	246
2007	162	44	18	36	-	260
2008	159	34	21	28	-	242
2009	161	32	18	64	-	275
2010	144	51	16	38	-	249
2011	161	58	20	46	-	285
2012	118	42	13	23	-	196
2013	155	43	16	5	-	219
2014	64	28	10	5	190	297
2015	112	31	8	2	223	376
2016	106	31	11	5	230	383
Avg. % Change	0.5%	5.2%	0.4%	12.0%	3.1%	6.2%

*Source: ACC facility release extract files; "Other" is a 'catchall' category composed of groups too small for statistically significant analysis to be generated and/or have no significant impact to the simulation model*

**TABLE 22  
HISTORICAL NORTHEAST RELEASES**

Year	Supervision	Probation	ADC	Other	Total
2006	305	61	10	20	396
2007	285	44	16	15	360
2008	283	39	5	21	348
2009	123	26	0	7	156
2010	255	66	8	25	354
2011	385	62	20	8	475
2012	276	63	4	4	347
2013	223	69	11	10	313
2014	204	46	8	0	258
2015	274	58	7	2	341
2016	293	41	14	9	357
Avg. % Change	8.0%	5.0%	-	-	7.6%

*Source: ACC facility release extract files; "Other" is a 'catchall' category composed of groups too small for statistically significant analysis to be generated and/or have no significant impact to the simulation model*

**TABLE 23  
HISTORICAL OMEGA TVP RELEASES**

Year	Supervision	ADC	Other	Total
2006	1,552	17	2	1,571
2007	1,563	24	1	1,588
2008	1,542	28	6	1,576
2009	1,563	30	2	1,595
2010	1,566	28	7	1,601
2011	1,427	12	0	1,439
2012	1,492	61	1	1,554
2013	1,472	62	0	1,534
2014	1,355	43	2	1,400
2015	1,009	26	1	1,036
2016	928	24	4	956
Avg. % Change	-4.6%	33.3%	-	-4.4%

*Source: ACC facility release extract files; "Other" is a 'catchall' category composed of groups too small for statistically significant analysis to be generated and/or have no significant impact to the simulation model*

**TABLE 24  
HISTORICAL SOUTHEAST FEMALE RELEASES**

Year	Supervision	Probation	ADC	Other	Short Term Drug Treatment	Total
2006	416	83	5	9	-	513
2007	393	87	9	7	-	496
2008	348	84	1	91	-	524
2009	346	76	7	28	-	457
2010	318	94	6	16	-	434
2011	351	134	13	4	-	502
2012	217	109	5	10	-	341
2013	190	80	10	71	-	351
2014	141	57	7	1	129	335
2015	250	77	8	3	137	475
2016	124	48	4	6	71	253
Avg. % Change	-6.5%	-1.9%	n/a	n/a	-48.2%	-3.8%

*Source: ACC facility release extract files; "Other" is a 'catchall' category composed of groups too small for statistically significant analysis to be generated and/or have no significant impact to the simulation model*

**TABLE 25**  
**HISTORICAL SE TVP, EAST CENTRAL TVP & EAST CENTRAL CCC**

CY	SE TV	East Central TVP	East Central CCC	East Central Short Term Drug Treatment
2006	117	-	-	-
2007	140	-	-	-
2008	158	-	-	-
2009	178	-	-	-
2010	187	-	-	-
2011	180	-	-	-
2012	250	-	-	-
2013	289	-	-	-
2014	246	-	-	-
2015	198	-	-	-
2016	64	106	173	68
Avg. % Change	-0.1%	n/a	n/a	n/a

*Source: ACC facility release extract files*

**TABLE 26  
HISTORICAL SOUTHWEST RELEASES**

Year	Supervision	Probation	ADC	Other	Total
2006	436	145	15	28	624
2007	522	130	23	33	708
2008	507	101	13	46	667
2009	499	100	20	78	697
2010	487	96	27	87	697
2011	657	155	48	64	924
2012	367	116	25	174	682
2013	342	107	27	98	574
2014	477	95	69	0	641
2015	485	137	28	20	670
2016	462	150	56	26	694
Avg. % Change	3.3%	3.3%	33.3%	18.9%	2.2%

*Source: ACC facility release extract files; "Other" is a 'catchall' category composed of groups too small for statistically significant analysis to be generated and/or have no significant impact to the simulation model*

**TABLE 27  
HISTORICAL NORTHWEST RELEASES**

Year	Supervision	Probation	ADC	Other	Total
2008	56	17	0	1	74
2009	123	26	0	7	156
2010	97	22	4	5	128
2011	114	30	3	0	147
2012	90	21	7	0	118
2013	104	34	4	0	142
2014	88	31	13	0	132
2015	96	37	4	1	138
2016	112	46	7	3	168
Avg. % Change	15.1%	17.6%	-	-	15.9%

*Source: ACC facility release extract files; "Other" is a 'catchall' category composed of groups too small for statistically significant analysis to be generated and/or have no significant impact to the simulation model*



**TABLE 28  
PROJECTED FACILITY POPULATION 2017 - 2027**

<b>Year</b>	<b>Central</b>	<b>NE</b>	<b>NW</b>	<b>SW</b>	<b>Omega TVP</b>	<b>SE TVP</b>	<b>East Central</b>	<b>Total</b>
<b>2016 Actual</b>	153.4	226.9	107.9	455.3	259.8	36.7	54.4	1,294.4
2017	154.8	231.3	111.1	470.6	261.1	36.8	54.6	1,320.3
2018	156.2	235.8	114.5	479.6	262.4	36.9	54.7	1,340.1
2019	157.7	240.4	117.9	488.7	263.7	37.0	54.9	1,360.3
2020	159.1	245.1	121.5	497.9	265.0	37.1	55.1	1,380.8
2021	160.6	249.8	125.1	507.4	266.4	37.3	55.2	1,401.8
2022	162.0	254.7	128.9	517.1	267.7	37.4	55.4	1,423.1
2023	163.5	259.7	132.8	526.9	269.0	37.5	55.6	1,444.9
2024	165.0	264.7	136.7	536.9	270.4	37.6	55.7	1,467.0
2025	166.5	269.9	140.9	547.1	271.7	37.7	55.9	1,489.6
2026	168.0	275.1	145.1	557.5	273.1	37.8	56.1	1,512.7
2027	169.6	280.5	149.5	568.1	274.5	37.9	56.2	1,536.2
Avg. % Change	0.9%	1.9%	3.0%	2.0%	0.5%	0.3%	0.3%	1.6%

*\*Note: Central forecast includes short term drug treatment cases*

**IX. PRE-TRIAL & SIS SUPERVISION TRENDS & FORECAST**

**TABLE 29  
PRE-TRIAL & SIS INTAKES AND TERMINATIONS 2016**

Month	Pre-trial Supervision		SIS	
	Intakes	Terminations	Intakes	Terminations
January-16	50	24	9	6
February-16	63	27	35	1
March-16	52	46	34	3
April-16	64	22	36	0
May-16	69	57	22	0
June-16	32	27	37	3
July-16	57	43	29	2
August-16	74	23	31	0
September-16	60	28	29	2
October-16	56	34	36	7
November-16	68	10	23	3
December-16	50	9	20	4
<b>Total 2016</b>	<b>695</b>	<b>350</b>	<b>341</b>	<b>31</b>

*Source: Statewide Parole Probation Service Report*

**TABLE 30  
PRE-TRIAL & SIS END OF MONTH POPULATIONS 2016**

Month	Pre-trial Supervision			SIS
	Active End of Month Population	Inactive End of Month Population	Total End of Month Population	Total End of Month Population
January-16	190	20	210	n/a
February-16	192	30	222	300
March-16	161	45	206	296
April-16	176	42	218	350
May-16	164	42	206	400
June-16	148	35	183	446
July-16	140	25	165	499
August-16	150	35	185	532
September-16	127	54	181	573
October-16	118	45	163	620
November-16	153	45	198	659
December-16	159	64	223	704
<b>Average</b>	<b>157</b>	<b>40</b>	<b>197</b>	<b>489</b>

*Source: Statewide Parole Probation Service Report*

**X. MONTHLY PROJECTIONS TABLES FOR PAROLE AND PROBATION PROJECTIONS**

**TABLE 31  
TOTAL PROBATIONER PROJECTIONS**

<b>Year</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>
Actual 2016	<b>31,459</b>	<b>31,443</b>	<b>31,302</b>									
2017	31,426	31,392	31,404	31,346	31,388	31,439	31,522	31,609	31,723	31,827	31,974	32,135
2018	32,345	32,486	32,689	32,890	33,043	33,034	33,111	33,167	33,232	33,268	33,305	33,364
2019	33,364	33,433	33,502	33,561	33,579	33,579	33,600	33,586	33,592	33,648	33,694	33,745
2020	33,788	33,832	33,846	33,898	33,906	33,922	33,976	34,034	34,008	34,018	34,062	34,127
2021	34,135	34,073	34,122	34,055	34,075	34,084	34,050	34,078	34,081	34,136	34,103	34,157
2022	34,236	34,221	34,239	34,219	34,211	34,252	34,206	34,204	34,216	34,256	34,190	34,227
2023	34,259	34,313	34,333	34,277	34,323	34,345	34,341	34,353	34,367	34,372	34,377	34,379
2024	34,393	34,426	34,418	34,415	34,452	34,423	34,413	34,393	34,410	34,360	34,375	34,427
2025	34,439	34,448	34,441	34,445	34,451	34,465	34,479	34,485	34,491	34,461	34,831	34,452
2026	34,495	34,511	34,516	34,522	34,550	34,546	34,602	34,554	34,620	34,628	34,584	34,656
2027	34,657	34,686	34,820	34,958	34,692	34,698	34,712	34,729	34,707	34,793	34,793	34,807

**TABLE 32  
ACTIVE PROBATIONER PROJECTIONS**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Actual 2016	<b>25,741</b>	<b>25,731</b>	<b>25,760</b>									
2017	25,736	25,704	25,810	25,857	25,988	26,011	26,079	26,160	26,263	26,354	26,489	26,647
2018	27,230	27,362	27,553	27,748	27,890	27,872	27,942	27,997	28,056	28,076	28,119	28,164
2019	28,647	28,705	28,771	28,812	28,825	28,815	28,832	28,814	28,817	28,859	29,059	28,955
2020	29,499	29,677	29,689	29,732	29,604	29,620	29,670	29,719	29,692	29,694	29,740	29,806
2021	30,308	30,244	30,295	30,224	30,239	30,237	30,196	30,225	30,223	30,271	30,243	30,297
2022	30,591	30,567	30,583	30,567	30,559	30,595	30,549	30,554	30,565	30,608	30,533	30,565
2023	30,799	30,862	30,880	30,814	30,860	30,873	30,868	30,878	30,883	30,887	30,893	30,895
2024	31,277	31,306	31,301	31,295	31,337	31,299	31,288	31,268	31,283	31,231	31,243	31,294
2025	31,642	31,640	31,634	31,638	31,639	31,657	31,668	31,667	31,670	31,643	32,029	31,625
2026	31,971	31,985	31,992	31,994	32,022	32,016	32,072	32,023	32,086	32,093	32,049	32,121
2027	32,387	32,422	32,555	32,686	32,420	32,420	32,433	32,449	32,421	32,506	32,507	32,521

**TABLE 33  
INACTIVE PROBATIONER PROJECTIONS**

<b>Year</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>
Actual 2016	<b>5,718</b>	<b>5,712</b>	<b>5,542</b>									
2017	5,690	5,688	5,594	5,489	5,400	5,428	5,443	5,449	5,460	5,473	5,485	5,488
2018	5,115	5,124	5,136	5,142	5,153	5,162	5,169	5,170	5,176	5,192	5,186	5,200
2019	4,717	4,728	4,731	4,749	4,754	4,764	4,768	4,772	4,775	4,789	4,635	4,790
2020	4,289	4,155	4,157	4,166	4,302	4,302	4,306	4,315	4,316	4,324	4,322	4,321
2021	3,827	3,829	3,827	3,831	3,836	3,847	3,854	3,853	3,858	3,865	3,860	3,860
2022	3,645	3,654	3,656	3,652	3,652	3,657	3,657	3,650	3,651	3,648	3,657	3,662
2023	3,460	3,451	3,453	3,463	3,463	3,472	3,473	3,475	3,484	3,485	3,484	3,484
2024	3,116	3,120	3,117	3,120	3,115	3,124	3,125	3,125	3,127	3,129	3,132	3,133
2025	2,797	2,808	2,807	2,807	2,812	2,808	2,811	2,818	2,821	2,818	2,802	2,827
2026	2,524	2,526	2,524	2,528	2,528	2,530	2,530	2,531	2,534	2,535	2,535	2,535
2027	2,270	2,264	2,265	2,272	2,272	2,278	2,279	2,280	2,286	2,287	2,286	2,286

**TABLE 34  
TOTAL PAROLE POPULATION PROJECTIONS**

<b>Year</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>
Actual 2016	<b>23,859</b>	<b>24,109</b>	<b>24,121</b>									
2017	24,217	24,163	24,191	24,143	24,144	24,177	24,172	24,169	24,170	24,178	24,189	24,196
2018	24,191	24,199	24,192	24,197	24,177	24,180	24,182	24,181	24,198	24,207	24,236	24,252
2019	24,268	24,280	24,261	24,306	21,328	24,332	24,366	24,389	24,424	24,447	24,498	24,498
2020	24,507	24,533	24,547	24,566	24,582	24,575	24,610	24,636	24,636	24,659	24,692	24,698
2021	24,740	24,798	24,822	24,846	24,885	24,900	24,889	24,916	24,964	25,003	24,997	24,903
2022	25,045	25,075	25,073	25,088	25,097	25,109	25,134	25,149	25,157	25,209	25,211	25,208
2023	25,211	25,203	25,279	25,296	25,331	25,334	25,328	25,365	25,382	25,394	25,417	25,425
2024	25,432	25,449	25,436	25,456	25,508	25,469	25,462	25,531	25,514	25,544	25,589	25,581
2025	25,592	25,564	25,614	25,625	25,636	25,652	25,626	25,633	25,699	25,753	25,778	25,783
2026	25,785	25,766	25,779	25,756	25,792	25,803	25,812	25,795	25,749	25,810	25,837	25,939
2027	26,001	26,015	26,049	26,082	26,096	26,085	26,093	26,104	26,119	26,109	25,099	26,114

**TABLE 34  
ACTIVE PAROLE PROJECTIONS**

<b>Year</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>
Actual 2016	<b>18,304</b>	<b>18,626</b>	<b>18,757</b>									
2017	18,734	18,680	18,864	18,827	18,836	18,868	18,875	18,878	18,880	18,886	18,913	18,932
2018	18,820	18,828	18,823	18,830	18,818	18,816	18,816	18,822	18,837	18,841	18,879	18,891
2019	19,121	19,139	19,118	19,172	16,193	19,194	19,218	19,234	19,270	19,289	19,339	19,338
2020	19,738	19,759	19,774	19,792	19,809	19,801	19,835	19,862	19,863	19,890	19,912	19,912
2021	20,342	20,397	20,425	20,457	20,502	20,519	20,517	20,543	20,598	20,632	20,622	20,537
2022	21,065	21,098	21,095	21,102	21,110	21,126	21,145	21,153	21,153	21,203	21,206	21,207
2023	21,617	21,608	21,684	21,709	21,746	21,743	21,740	21,788	21,815	21,822	21,848	21,853
2024	22,253	22,275	22,259	22,288	22,344	22,299	22,291	22,363	22,343	22,369	22,418	22,404
2025	22,884	22,855	22,901	22,908	22,920	22,940	22,909	22,919	22,984	23,035	23,044	23,047
2026	23,602	23,580	23,590	23,570	23,607	23,619	23,626	23,606	23,560	23,621	23,646	23,752
2027	23,938	23,948	23,979	24,016	24,030	24,021	24,026	24,035	24,050	24,040	23,028	24,046



**TABLE 36  
INACTIVE PAROLE PROJECTIONS**

<b>Year</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>
Actual 2016	<b>5,555</b>	<b>5,483</b>	<b>5,364</b>									
2017	5,483	5,483	5,327	5,316	5,308	5,309	5,297	5,291	5,290	5,292	5,276	5,264
2018	5,371	5,371	5,369	5,367	5,359	5,364	5,366	5,359	5,361	5,366	5,357	5,361
2019	5,147	5,141	5,143	5,134	5,135	5,138	5,148	5,155	5,154	5,158	5,159	5,160
2020	4,769	4,774	4,773	4,774	4,773	4,774	4,775	4,774	4,773	4,769	4,780	4,786
2021	4,398	4,401	4,397	4,389	4,383	4,381	4,372	4,373	4,366	4,371	4,375	4,366
2022	3,980	3,977	3,978	3,986	3,987	3,983	3,989	3,996	4,004	4,006	4,005	4,001
2023	3,594	3,595	3,595	3,587	3,585	3,591	3,588	3,577	3,567	3,572	3,569	3,572
2024	3,179	3,174	3,177	3,168	3,164	3,170	3,171	3,168	3,171	3,175	3,171	3,177
2025	2,708	2,709	2,713	2,717	2,716	2,712	2,717	2,714	2,715	2,718	2,734	2,736
2026	2,183	2,186	2,189	2,186	2,185	2,184	2,186	2,189	2,189	2,189	2,191	2,187
2027	2,063	2,067	2,070	2,066	2,066	2,064	2,067	2,069	2,069	2,069	2,071	2,068

## **APPENDICIES**

### **A: THE SIMULATION MODEL**

### **B: REVIEW OF HISTORICAL LEGISLATION AND POLCIES**

#### **A: The Simulation Model**

The forecast of the community supervision population in Arkansas was completed using Wizard projection software. This computerized simulation model mimics the flow of persons through Arkansas' community correction system over a ten-year forecast horizon and produces monthly projections. Wizard is an enhanced version of Prophet Simulation software.

Wizard attempts to mimic the state's sentencing structure and the flow of offenders from the ADC (in the case of parolees) and from the courts (in the case of probationers). ACC policy, practices and sentencing trends play a crucial role in the model construction. As such a brief discussion of these three main components impacting the model follows.

The ACC is subject to oversight by the Arkansas Board of Corrections. ACC supervision officers have arrest powers, specialized Law Enforcement Officer status, and the authority to issue parole warrants. Several entities have the authority to administratively issue sanctions: supervision officers, parole/probation supervisors, parole board, judges and senior administrators. The Director of ACC has the ultimate authority to guide the operations of the Arkansas agency and approve the administrative sanctions and incentives in use. The range of sanctions that an approved authority can unilaterally grant include: jail (for parolees, no more than seven sanctions with a limit of 21 jail days cumulative before a violation report must be issued and for probationers, no more than 10 sanctions with a limit of 30 days cumulative before a violation report must be issued); electronic monitoring; increased supervision; community service; day reporting center; written warning; and random drug testing. The range of incentives that an approved authority can unilaterally grant includes: less frequent reporting to officer; reduced supervision level; reduced drug and alcohol testing; waiver of supervision fees; extended curfew; travel permits; verbal recognition by supervision officer; certificate of compliance; earned compliance credits; and early discharge from supervision.

Offenders enter ACC supervision via the standard probation and parole models. Probationers are sentenced to a term of supervision in lieu of prison time by the courts. Parolees enter supervision after they are deemed eligible for release from prison by both their sentencing requirements and the Parole Board. ACC facilities are used by the courts to sentence offenders to some incarceration before beginning a term of probation and also as an alternative sanction against persons on supervision to avoid full revocation to prison.

This simplified explanation of the Arkansas community correction system is the baseline for the projection model developed by JFA Associates.

## **B: Review of Historical Legislation and Policies**

Since the ACC's creation, numerous changes have been made to Arkansas' sentencing laws. Examples of changes that have been incorporated into the Wizard simulation model include elements of the Arkansas Sentencing Standards, enacted on January 1, 1994, and of Acts 1326, 1135 and 1268. Further legislation taken into account includes comprehensive corrections reforms enacted in 2011 under Act 570, emergency jail release mechanisms enacted in Acts 418 and 1721. Note: in some instances, the language in this report is taken directly from the legislation discussed.

On January 1, 1994, Arkansas put into effect a sentencing grid that uses a combination of the seriousness of the current offense and the offender's criminal history to arrive at a presumptive sentence. Guidelines in Arkansas are advisory and court use is voluntary. Courts may sentence within the entire statutory range of an offense. Felony crimes in Arkansas are categorized into ten levels of seriousness with 10 as the most serious. The offender's criminal history score is determined through allocation of points for any prior convictions/adjudications. Included within this sentencing grid are alternative sanctions to incarceration which, in large part, refer to probation. This design, seemingly, promotes the use of probation for non-violent, non-career criminals.

In March 2011 Arkansas passed ACT 570, a comprehensive corrections reform bill aimed at curbing inmate population growth and providing more complete services to offenders in the community. ACT 570 focused on 8 main initiatives:

1. Merging of Sentencing Guidelines and Sentencing and Commitment Form
2. Parole Release Risk Assessment Instrument/Parole Release from Jail
3. Changes in Drug Statutes/Weights
4. Changes in Theft/Property Threshold Amounts
5. Earned Discharge from Parole and Probation
6. 120-day Electronic Monitoring Early Release for Non-Violent Offenders
7. Intermediate Sanction for Probation and Parole Violators
8. Performance Incentive Funding(PIF)/Hope Courts

Each of the initiatives, with the exception of PIF/Hope Courts (results available from the ACC website), carried a projected impact on supervision caseloads in the ACC. Electronic monitoring, which proposed an initial supervision caseload savings was never fully implemented and no offenders were released under this form or supervision.

Of these original proposed initiatives, earned discharge credits for parole and probationers and intermediate sanctions have proven at least some form of lasting effects in the supervision population. As such, more in-depth discussion of these changes follows.

## Earned Discharge Credits

Section 82 of Act 570 created the earned discharge release provisions. If a person is incarcerated for an eligible felony, whether by an immediate commitment or after his or her probation is revoked, and after he or she is moved to community supervision through parole or transfer by the Parole Board, or if he or she is placed on probation, he or she is immediately eligible to begin earning daily credits that shall count toward reducing the number of days he or she is otherwise required to serve until he or she has completed the sentence.

Credits equal to thirty (30) days per month for every month that the offender complies with court-ordered conditions and a set of predetermined criteria established by the ACC in consultation with judges, prosecuting attorneys, and defense counsel shall accrue while the person is on parole or probation.

The ACC will calculate the number of days a person has remaining to serve on parole or probation before that person completes his or her sentence. Any subsequent credits earned will trigger a recalculation of the number of days on a monthly basis. ACC will be able deny any credits a person earns at their discretion. Neither judicial review, nor appeal is mandatory concerning the award or denial of credits. Conviction for a new felony offense while on a person is under parole or probation supervision can result in the denial/forfeiture of any or all credits.

The following felony offenses shall be eligible for earned discharge and completion of the sentence: All Class D, Class C, and Class B felonies, except:

- An offense for which sex offender registration is required under the Sex Offender Registration Act of 1997;
- A felony involving violence under A.C.A. § 5-4-501(d)(2);
- Kidnapping, Manslaughter, or Driving while intoxicated;
- All Class A controlled substance offenses; and
- A Class Y felony.

## Intermediate Sanctions

In accordance with new policies and procedures, Act 570 mandated the creation and implementation of an intermediate sanctions grid that was designed to reduce the number of probation violations returned to prison.

The ACC developed and implemented statewide formal structures to determine an appropriate administrative response approach, including both sanctions and incentives. In the case of sanctions, the ACC developed the Arkansas Interventions Accountability Matrix (ArAIM), which classifies violations according to three levels of seriousness (Low, Medium, and High) with potential responses from the supervising officer being specified for each type of violation within each level of seriousness. In 2014, ACC completed the

statewide automation effort with several revisions and updates to the ArAIM, officially renaming it the Offender Violation Grid (OVG).

The structure for incentives is similar, specifying specific achievements and potential incentives in response. The agency is required to use the formal sanctions, but deviations from the sanctions are permitted upon authorization by appropriate authorities. Decisions to deviate from the formal sanctions are authorized when the probationer/parolees' compliance with the terms of supervision are such that the formal decision matrices are inadequate or unavailable.

Any probationer/parolee under the supervision of the Department of Community Correction is subject to administrative sanction and incentives, as specified by statute, department policy and court directives.

Both OVG and the incentives grid were implemented statewide. Supervising officers in Arkansas have undergone statewide training in the use of administrative responses.

### Changes in 2013 Impacting the Forecast Cycle

In 2013 numerous policy changes were enacted by the Arkansas Board of Corrections. They are listed here to assist in explaining the increase in parole violator revocations in 2013.

#### Arkansas Board of Corrections Policy Changes 2013:

1. ACC will not release parole holds on individuals awaiting a revocation hearing pursuant to requests from jail personnel. In 2014 there were **5,668** parole holds.
2. All requests for release of holds made by sheriffs or jail personnel must be in writing.
3. Parolees charged with a violent felony as defined by Act 1029 of 2013 or a violent or sex related misdemeanor will be jailed and a revocation hearing requested.
4. Parolees charged with any other felony will either be jailed or placed on GPS Monitoring and a revocation hearing requested.
5. Parolees who have absconded will be jailed and a revocation hearing requested. Absconding is defined as Evading Supervision for more than 180 days.
6. Parolees who have two prior violations for evading supervision for less than 180 days will be jailed and a revocation hearing requested upon a third (3) violation. A warrant for evading supervision is issued when a parolee fails to report and cannot be located for 30 days.
7. Parolees who have evaded supervision for more than 90 days that have a history of a violent felony as defined by Act 1029 of 2013 or a sex related misdemeanor will be jailed and a revocation hearing requested. All requests for revocations and denials thereof will be fully documented in the offender's case file. A parole hold will remain in effect on an ACT 3 Mental Evaluation until the hearing is completed.

The continuing impact of these changes has been:

- An increase in total parole revocation hearings held which in turn led to an increase in the number parole revocations to prison.
- An increase in both new charge parole revocations and reintroduction of a large volume of technical violators returned to prison.

### Changes in 2014 Impacting the Forecast Cycle

Act 1415, passed in 2014, and changed the Earned Discharge Credit (EDC) system established by Act 570. The new act has limited Act 570 sanction days to 7 instances and 21 days for parolees while 10 instances and 30 days for probation remains allowable. What follows is a detailed breakdown of the new Earned Discharge Credit policy which began January 1, 2015.

EDC Process for one-time review and awarding:

1. The supervising officer and supervisor will be notified that an offender is eligible for EDC based on sentence offense and that the offender is in compliance with supervision (based on OVG violations) when the offender has reached 50% of their supervised sentence.
2. The supervising officer will verify the following within 30 days of receiving notification that the offender is eligible for EDC:
  - a. 100% of imposed financial obligations, of the supervised sentence, have been met. Supervision Fees must have a current balance of zero (\$0). PPO must check for full payment of fines/court costs/restitution.
  - b. The supervising officer will verify through ACIC/NCIC that the offender has not been arrested on new felonies during this period of supervision or convicted of Class A or B misdemeanors.
3. The supervising officer will deliver the EDC Notification to the Prosecutor and Parole Board (if the offender is a parolee).
4. The Prosecutor and/or Parole Board have 30 days from date of delivered notification to object to the early discharge from sentence.
5. Objections from Prosecutor/Parole Board are sent to the Area Manager.
6. Objections will preclude the offender from Early Release. Offenders with no objections will be discharged from supervision. Discharge eligible offenders will only be given earned discharge credits and allowed to discharge if ALL conditions are met:
  - a. Completion of 50% of their sentence
  - b. Compliance with supervision (have not received 3 Offender Violation Guide (OVG) Violations during each twelve-month period of supervision)
  - c. No new felony arrests
  - d. Have met 100% of financial obligations imposed with sentence
  - e. Have received no objections from the Prosecutor or Parole Board
7. Approved by court for Act 570 EDC release pursuant to Act 951

## Earned Discharge Credit Exclusion Criteria decided by eOMIS

1. Supervision Type at the time of evaluation is:
  - Parole (ISC)
  - Probation (ISC)
  - Pre-Trial
  - Boot Camp
  
2. Supervision Status at the time of evaluation is:
  - Absconded
  - Closed
  - Sealed/Expunged
  - Non-Reporting (unless the Supervision Event Reason is):
    - In Treatment
    - DCC CCC
    - Mental Institution Court Order
  
3. Supervision Events within current supervision intake indicating the client:
  - Is currently enrolled as "To County Work Program"
  - Has Absconded
  - Non-Reporting (unless the Supervision Event Reason is):
    - In Treatment
    - DCC CCC
    - Mental Institution Court Order
  - Incarcerated with the reason of
    - County Jail (Out of State)
    - ADC Prison
    - Other State Prison
    - Federal Prison
    - County Jail (Parole Hold - In State)
    - County Jail (Act 1029)
    - County Jail (Parole Hold - Out of State)
  
4. Referral Status within current supervision intake on any Program Referrals is:
  - Closed/Unsuccessful
  
5. The offender has more than 2 approved OVG violations within a 12 month period based on anniversary date of beginning of supervision date.
  
6. The offender has at least 1 month of delinquent supervision fees (outstanding balance at the time of evaluation).
  
7. The offender is delinquent on Court Ordered Payments known to eOMIS.

It is estimated that less than 10% of eligible offenders are initially potentially eligible prior to checking for full payment of court fines/fees/costs.

### Changes in 2015 Impacting the Forecast Cycle

In August of 2015, the Arkansas Parole Board altered its policy on processing Violation Reports. While various changes were enacted, only one change affects the simulation model:

Warrants are now automatically issued whenever one or more of the following are present in a Violation Report:

- a. Any offense covered under the provisions of Act 1029 of 2013.
- b. Any violent or sex-related misdemeanor.
- c. Any offense involving the use of a weapon.
- d. Absconding supervision (evading supervision for 180 days or more).

Also of note in 2015, the ACC began tracking both probation and parole absconders as active cases versus inactive. This change is in response to a new unit created by the ACC to pursue absconders and return them to supervision (or incarceration if warranted).

### Changes in 2016 Impacting the Current Forecast Cycle

Although Act 423, which was designed to curb prison population growth and bolster services within ACC, was passed during the 2016/2017 legislative cycle, there is no projected impact, either upward or downward, on any of the ACC forecasted populations and have not been built into the simulation model.

All legislative, policy and practice changes are tracked annually and built into the simulation models as needed.