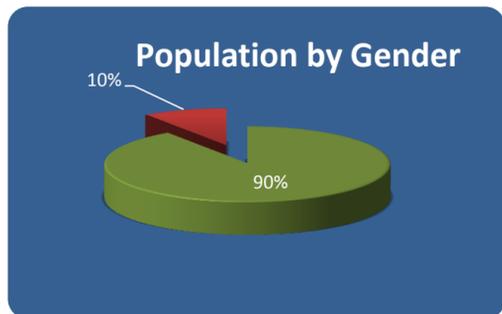




**QUARTER I FISCAL YEAR 2018  
STATISTICAL SUMMARY  
ACTIVITY FOR THE PERIOD JULY TO SEPTEMBER 2017**

**Offender Demographics  
Total Population**



Total Population	
Average Age	
Male	39.36
Female	37.06
Weighted Average Age	
	39.14

**Ethnicity and Gender<sup>a</sup>**

Population	African American	American Indian	Asian	Caucasian	Hispanic	Other	Total
<b>Male</b>	3,984	224	350	5,283	2,816	51	12,708
	31.35%	1.76%	2.75%	41.57%	22.16%	0.40%	100.00%
<b>Female</b>	314	24	44	799	159	5	1,345
	23.35%	1.78%	3.27%	59.41%	11.82%	0.37%	100.00%
<b>Total</b>	4,298	248	394	6,082	2,975	56	14,053
	30.58%	1.76%	2.80%	43.28%	21.17%	0.40%	100.00%

**Age Categories and Gender<sup>b</sup>**

Population	<25	25-34	35-44	45-54	55-64	65-75	>75	Total
<b>Male</b>	1,416	3,889	3,221	2,361	1,349	415	57	12,708
	11.14%	30.60%	25.35%	18.58%	10.62%	3.27%	0.45%	100.00%
<b>Female</b>	140	496	388	222	79	17	3	1,345
	10.41%	36.88%	28.85%	16.51%	5.87%	1.26%	0.22%	100.00%
<b>Total</b>	1,556	4,385	3,609	2,583	1,428	432	60	14,053
	11.07%	31.20%	25.68%	18.38%	10.16%	3.07%	0.43%	100.00%

**Offense Groups and Gender<sup>c</sup>**

Population	Drug	DUI	Other	Property	Sex	Violence	Total
<b>Male</b>	1,595	380	560	2,215	2,290	5,668	12,708
	12.55%	2.99%	4.40%	17.44%	18.02%	44.60%	100.00%
<b>Female</b>	238	73	61	491	30	452	1,345
	17.73%	5.40%	4.57%	36.45%	2.21%	33.64%	100.00%
<b>Total</b>	1,833	453	621	2,706	2,320	6,120	14,053
	13.04%	3.22%	4.42%	19.26%	16.51%	43.55%	100.00%

<sup>a</sup> Beginning with Fiscal Year 2016, Cuban nationals are grouped with Hispanics.

<sup>b</sup> The NDOC must be able to identify offenders that fall in various age categories to determine the applicability of laws and regulations that are specific to the individual's actual age. Thus, Beginning with Fiscal Year 2016, age groups no longer encompass ages that are rounded down or up. The change in the methodology is expected to cause a small shift in the frequencies that fall in each group relative to former editions of this report.

<sup>c</sup> The figures in this table represent the distribution of offenders by gender and highest offense across bookings with the NDOC. The highest offense is determined by a hierarchical method applied by the NDOC that consists of grouping instant offenses committed by the offender as per the severity of the offenses. Offenders are placed in the offense group that pertains to the most severe instant offense that he or she has committed.

**Data Limitations:**

Data published in this report were extracted from a live database; thus, it is possible that figures reported in tables and charts do not balance to totals reported in other reports published by the Nevada Department of Corrections (NDOC). Select distributions consist of estimates and are susceptible to rounding error and missing data that could have caused these distributions not to add up to exactly 100%. Current fiscal year data for the NDOC or for other agencies are not always available at time of edition; consequently, the NDOC performed its best effort to align data accordingly to derived estimates.

Unless specified, figures in this report are retrieved from the Nevada Department of Corrections InfoView data warehouse and from the Nevada Department of Corrections Offender Tracking System (NOTIS).

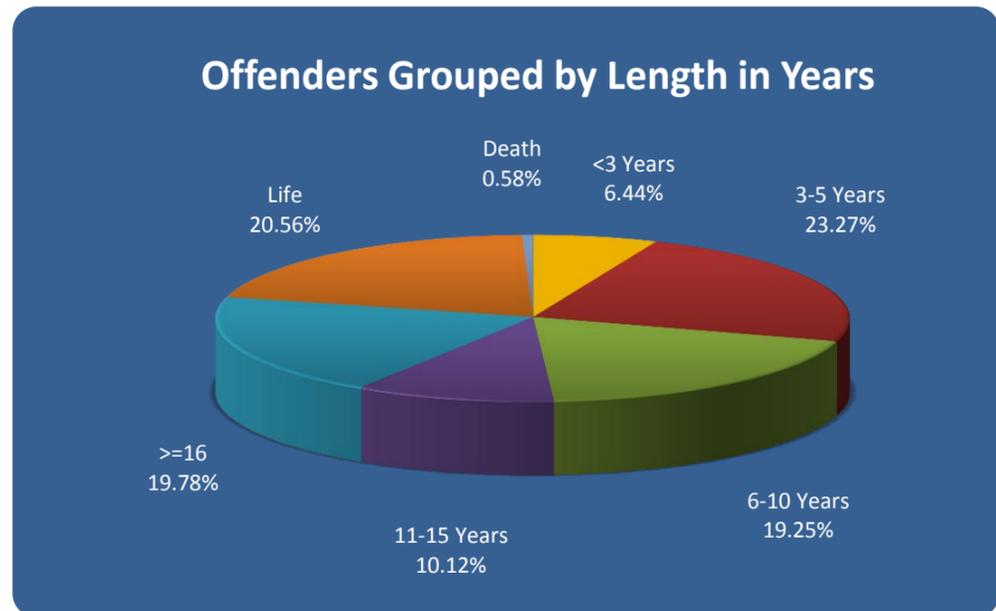
**Distribution of Offenders by Ethnicity  
In-House Population as of September 30, 2017  
Exempt of Temporary Inmate Counts in Jails or Hospital**

Location	African American		American Indian		Asian		Caucasian		Hispanic		Other		Total Count	Total %
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%		
<b>CCC</b>														
Male	54	40.00%	1	0.74%	4	2.96%	56	41.48%	20	14.81%	0	0.00%	135	100.00%
Female														
Sub-total	54	40.00%	1	0.74%	4	2.96%	56	41.48%	20	14.81%	0	0.00%	135	100.00%
<b>CGTH</b>														
Male	70	27.89%	3	1.20%	13	5.18%	124	49.40%	41	16.33%	0	0.00%	251	100.00%
Female	14	16.87%	2	2.41%	2	2.41%	56	67.47%	9	10.84%	0	0.00%	83	100.00%
Sub-total	84	25.15%	5	1.50%	15	4.49%	180	53.89%	50	14.97%	0	0.00%	334	100.00%
<b>ECC</b>														
Male	38	28.15%	1	0.74%	7	5.19%	53	39.26%	36	26.67%	0	0.00%	135	100.00%
Female														
Sub-total	38	28.15%	1	0.74%	7	5.19%	53	39.26%	36	26.67%	0	0.00%	135	100.00%
<b>ESP</b>														
Male	373	32.55%	31	2.71%	27	2.36%	390	34.03%	320	27.92%	5	0.44%	1146	100.00%
Female														
Sub-total	373	32.55%	31	2.71%	27	2.36%	390	34.03%	320	27.92%	5	0.44%	1146	100.00%
<b>FMWCC</b>														
Male														
Female	258	25.47%	18	1.78%	34	3.36%	577	56.96%	122	12.04%	4	0.39%	1013	100.00%
Sub-total	258	25.47%	18	1.78%	34	3.36%	577	56.96%	122	12.04%	4	0.39%	1013	100.00%
<b>HCC</b>														
Male	49	36.30%	5	3.70%	1	0.74%	70	51.85%	10	7.41%	0	0.00%	135	100.00%
Female														
Sub-total	49	36.30%	5	3.70%	1	0.74%	70	51.85%	10	7.41%	0	0.00%	135	100.00%
<b>HDSP</b>														
Male	1273	35.94%	34	0.96%	114	3.22%	1214	34.27%	894	25.24%	13	0.37%	3542	100.00%
Female														
Sub-total	1273	35.94%	34	0.96%	114	3.22%	1214	34.27%	894	25.24%	13	0.37%	3542	100.00%
<b>JCC</b>														
Male														
Female	31	17.82%	3	1.72%	6	3.45%	115	66.09%	18	10.34%	1	0.57%	174	100.00%
Sub-total	31	17.82%	3	1.72%	6	3.45%	115	66.09%	18	10.34%	1	0.57%	174	100.00%
<b>LCC</b>														
Male	216	12.83%	42	2.49%	43	2.55%	878	52.14%	498	29.57%	7	0.42%	1684	100.00%
Female														
Sub-total	216	12.83%	42	2.49%	43	2.55%	878	52.14%	498	29.57%	7	0.42%	1684	100.00%
<b>NNCC</b>														
Male	317	22.32%	37	2.61%	30	2.11%	853	60.07%	180	12.68%	3	0.21%	1420	100.00%
Female		0.00%		0.00%		0.00%	2	100.00%	0	0.00%	0	0.00%	2	100.00%
Sub-total	317	22.29%	37	2.60%	30	2.11%	855	60.13%	180	12.66%	3	0.21%	1422	100.00%
<b>NNRC/NNTH</b>														
Male	10	9.90%	4	3.96%	1	0.99%	77	76.24%	9	8.91%	0	0.00%	101	100.00%
Female														
Sub-total	10	9.90%	4	3.96%	1	0.99%	77	76.24%	9	8.91%	0	0.00%	101	100.00%
<b>PCC</b>														
Male	101	46.12%		0.00%	8	3.65%	62	28.31%	48	21.92%	0	0.00%	219	100.00%
Female														
Sub-total	101	46.12%		0.00%	8	3.65%	62	28.31%	48	21.92%	0	0.00%	219	100.00%
<b>SCC</b>														
Male	73	20.74%	14	3.98%	9	2.56%	202	57.39%	51	14.49%	3	0.85%	352	100.00%
Female											0			
Sub-total	73	20.74%	14	3.98%	9	2.56%	202	57.39%	51	14.49%	3	0.85%	352	100.00%
<b>SDCC</b>														
Male	957	46.71%	32	1.56%	52	2.54%	530	25.87%	466	22.74%	12	0.59%	2049	100.00%
Female												0		
Sub-total	957	46.71%	32	1.56%	52	2.54%	530	25.87%	466	22.74%	12	0.59%	2049	100.00%
<b>TCC</b>														
Male	44	29.33%	2	1.33%	3	2.00%	65	43.33%	36	24.00%	0	0.00%	150	100.00%
Female														
Sub-total	44	29.33%	2	1.33%	3	2.00%	65	43.33%	36	24.00%	0	0.00%	150	100.00%
<b>TLVCC</b>														
Male	144	43.37%	3	0.90%	12	3.61%	120	36.14%	52	15.66%	1	0.30%	332	100.00%
Female									0		0			
Sub-total	144	43.37%	3	0.90%	12	3.61%	120	36.14%	52	15.66%	1	0.30%	332	100.00%
<b>WCC</b>														
Male	57	39.86%	3	2.10%	4	2.80%	52	36.36%	27	18.88%	0	0.00%	143	100.00%
Female														
Sub-total	57	39.86%	3	2.10%	4	2.80%	52	36.36%	27	18.88%	0	0.00%	143	100.00%
<b>WSCC</b>														
Male	139	24.30%	8	1.40%	11	1.92%	357	62.41%	55	9.62%	2	0.35%	572	100.00%
Female														
Sub-total	139	24.30%	8	1.40%	11	1.92%	357	62.41%	55	9.62%	2	0.35%	572	100.00%
Grand Total	4218	30.93%	243	1.78%	381	2.79%	5853	42.92%	2892	21.21%	51	0.37%	13638	100.00%

## Offense and Sentence Indicators

### Long-Term Sentence Structures Total Population

Sentence Length	Total	%
1 Year	100	0.71%
1-2 Years	805	5.73%
3-5 Years	3,270	23.29%
6-10 Years	2,704	19.24%
11-15 Years	1,422	10.12%
16-20 Years	1,109	7.89%
>=21 Years	1,670	11.88%
Life W/Parole	2,318	16.49%
Life W/O Parole	571	4.06%
Death	81	0.58%
<b>Total</b>	<b>14,053</b>	<b>100.00%</b>



### Felony Analysis

Total Population by Felony Category	A	B	C	D	E	Non felon	Total
Male	3,400	6,905	1,440	714	232	17	12,708
	26.76%	54.33%	11.33%	5.62%	1.83%	0.13%	100.00%
Female	150	765	221	140	68	1	1,345
	11.14%	56.88%	16.44%	10.39%	5.08%	0.07%	100.00%
Total	3,550	7,669	1,661	854	300	18	14,053
	25.27%	54.58%	11.82%	6.07%	2.14%	0.13%	100.00%

### Paroles and Offense Groups

Parole Population	Drug	DUI	Others	Property	Sex	Violence	Total
Male	361	58	264	681	385	715	2,464
	14.65%	2.35%	10.71%	27.64%	15.63%	29.02%	100.00%
Female	102	15	40	238	10	68	473
	21.56%	3.17%	8.46%	50.32%	2.11%	14.38%	100.00%
Total	463	73	304	919	395	783	2,937
	15.76%	2.49%	10.35%	31.29%	13.45%	26.66%	100.00%

**Custody Distribution Quarterly Historical Analysis  
Inclusive of Safekeepers  
Fiscal Year Basis**

**In-House Population**

Actual Custody <sup>a b</sup>	Male Custody Distribution				Female Custody Distribution				
	Month/Year	Minimum	Medium	Close	Total	Minimum	Medium	Close	Total
	09/14	13.82%	58.40%	27.78%	100.00%	21.23%	64.62%	14.15%	100.00%
	12/14	14.01%	58.45%	27.54%	100.00%	22.67%	63.78%	13.55%	100.00%
	03/15	13.62%	55.45%	30.93%	100.00%	20.70%	66.43%	12.87%	100.00%
	06/15	14.39%	57.44%	28.17%	100.00%	20.64%	67.55%	11.81%	100.00%
	09/15	14.15%	54.94%	30.91%	100.00%	23.10%	60.29%	16.61%	100.00%
	12/15	14.14%	56.18%	29.67%	100.00%	22.18%	63.61%	14.20%	100.00%
	03/16	15.36%	57.60%	27.04%	100.00%	23.07%	59.83%	17.10%	100.00%
	06/16	15.75%	55.49%	28.76%	100.00%	21.96%	63.92%	14.12%	100.00%
	09/16	15.47%	55.50%	29.03%	100.00%	21.23%	63.85%	14.92%	100.00%
	12/16	15.57%	52.42%	32.02%	100.01%	21.22%	64.86%	13.92%	100.00%
	03/17	15.78%	52.35%	31.87%	100.00%	23.04%	63.69%	13.27%	100.00%
	06/17	16.39%	51.54%	32.07%	100.00%	20.91%	65.82%	13.27%	100.00%
	09/17	15.47%	55.50%	29.03%	100.00%	21.24%	68.14%	10.62%	100.00%
	12/17	15.21%	51.52%	33.27%	100.00%	21.33%	67.96%	10.70%	100.00%
	03/18								
	06/18								

**Quarterly Averages by Fiscal Year  
Inclusive of Safekeepers  
Fiscal Year Basis**

Fiscal Year 2015 Year-to-Date Quarterly Average						
Measurement	Male			Female		
	Minimum	Medium	Close	Minimum	Medium	Close
Mean	13.96%	57.44%	28.60%	21.3%	65.6%	13.1%
Median	13.92%	58.40%	27.97%	21.0%	65.5%	13.2%
Standard Deviation	0.33%	1.40%	1.57%	0.94%	1.71%	1.00%
Range	0.77%	3.00%	3.39%	1.97%	3.77%	2.34%

Fiscal Year 2016 Year-to-Date Quarterly Average						
Measurement	Male			Female		
	Minimum	Medium	Close	Minimum	Medium	Close
Mean	14.85%	56.05%	29.10%	22.6%	61.9%	15.5%
Median	14.76%	55.84%	29.22%	22.6%	62.0%	15.4%
Standard Deviation	0.83%	1.15%	1.63%	0.79%	2.15%	1.57%
Range	1.61%	2.66%	3.87%	1.14%	4.09%	2.98%

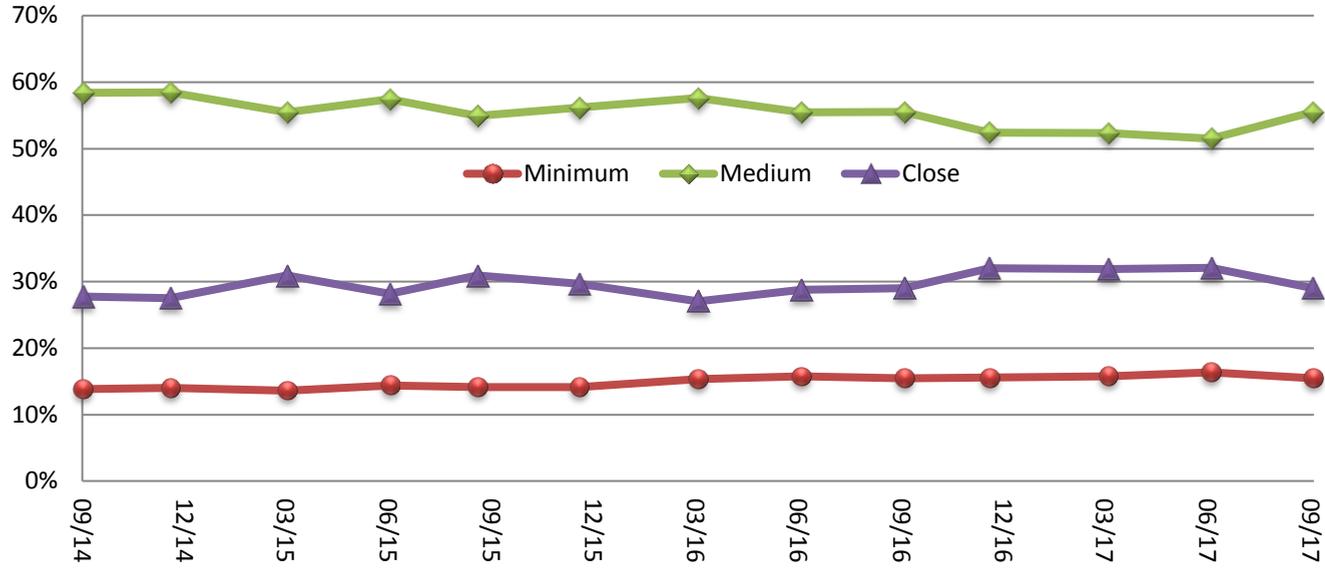
Fiscal Year 2017 Year-to-Date Quarterly Average						
Measurement	Male			Female		
	Minimum	Medium	Close	Minimum	Medium	Close
Mean	15.80%	52.95%	31.25%	21.6%	64.6%	13.8%
Median	15.68%	52.39%	31.95%	21.2%	64.4%	13.6%
Standard Deviation	0.41%	1.74%	1.48%	0.97%	0.99%	0.78%
Range	0.92%	3.96%	3.04%	2.13%	2.13%	1.65%

Fiscal Year 2018 Year-to-Date Quarterly Average						
Measurement	Male			Female		
	Minimum	Medium	Close	Minimum	Medium	Close
Mean	15.47%	55.50%	29.03%	21.2%	68.1%	10.6%
Median						
Standard Deviation						
Range						

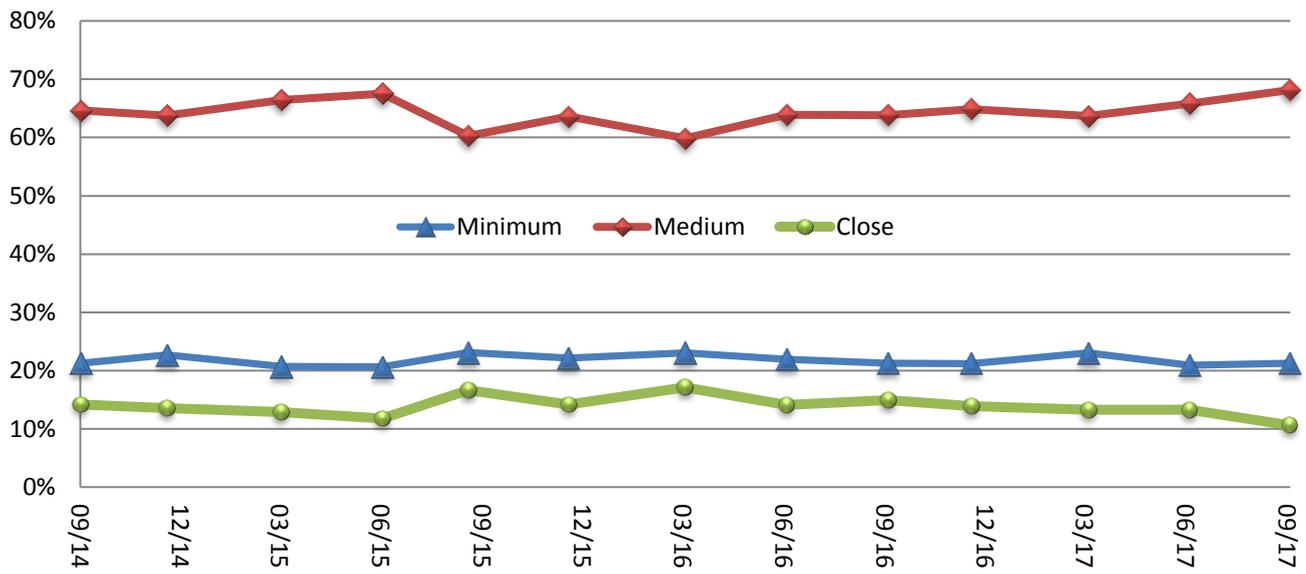
<sup>a</sup> Trend changes from 2013 to 2014 are due to a system wide bed custody realignment.

<sup>b</sup> The distributions for quarters ending December 2014 and March 2015 were estimated by applying the custody of each unit and wing at each correctional site to the in-house inmate population.

### Female In-House Population Historical Actual Custody Distribution Inclusive of Safekeepers



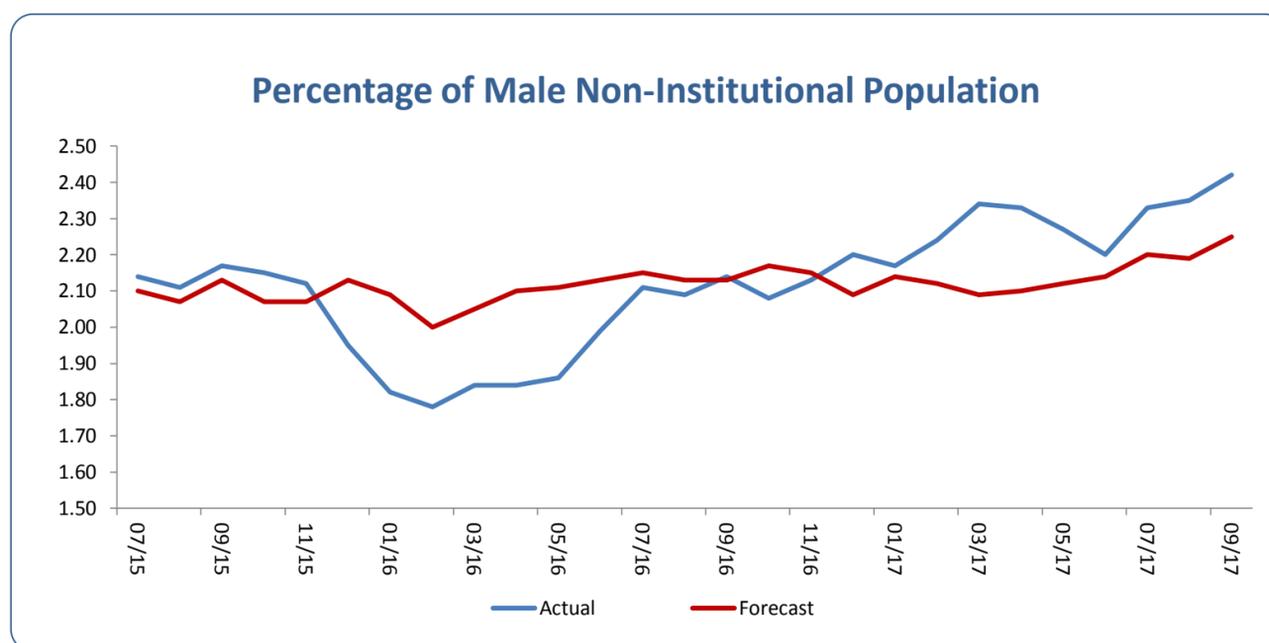
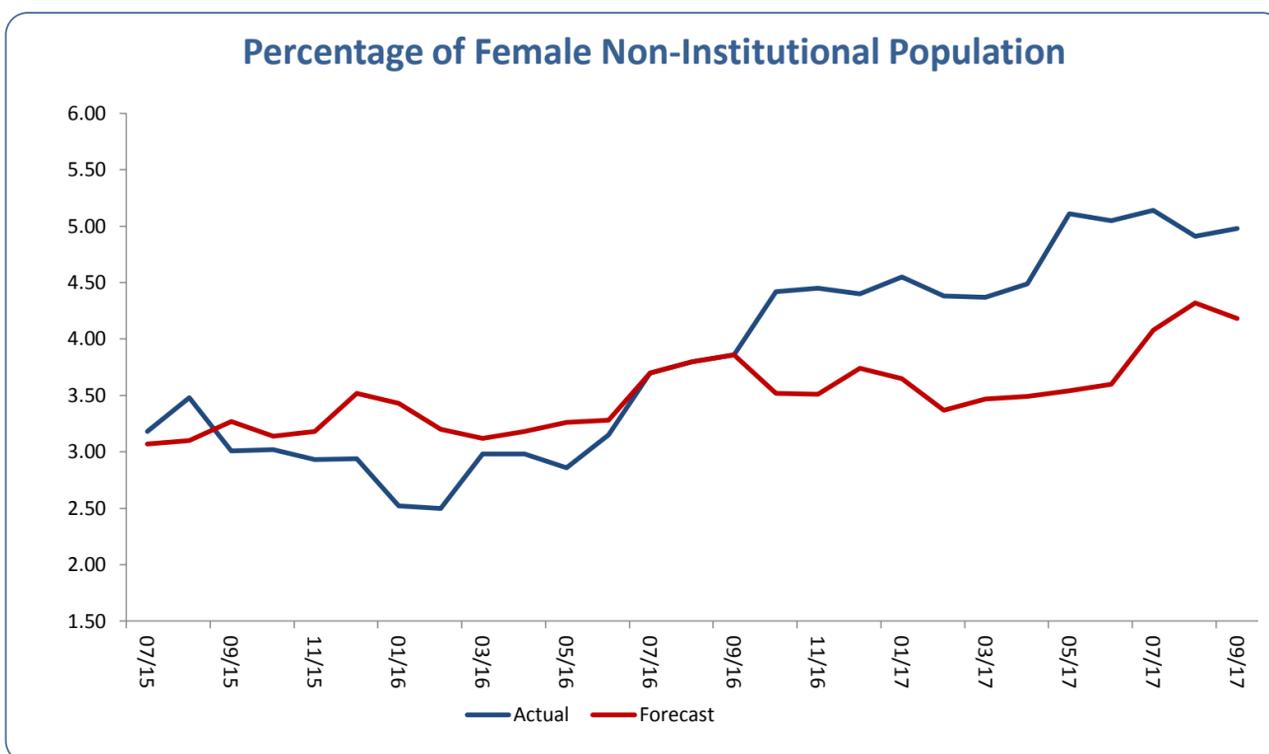
### Male In-House Population Historical Actual Custody Distribution



## Proportion of Non-Institutional Population<sup>a</sup>

Female Population		
FY 2018	Actual <sup>b</sup>	Forecast <sup>c</sup>
07/17	5.14%	4.08%
08/17	4.91%	4.32%
09/17	4.98%	4.18%
10/17		4.26%
11/17		4.26%
12/17		4.42%
01/18		4.03%
02/18		3.75%
03/18		3.85%
04/18		3.87%
05/18		3.91%
06/18		3.98%
Average	5.01%	4.08%

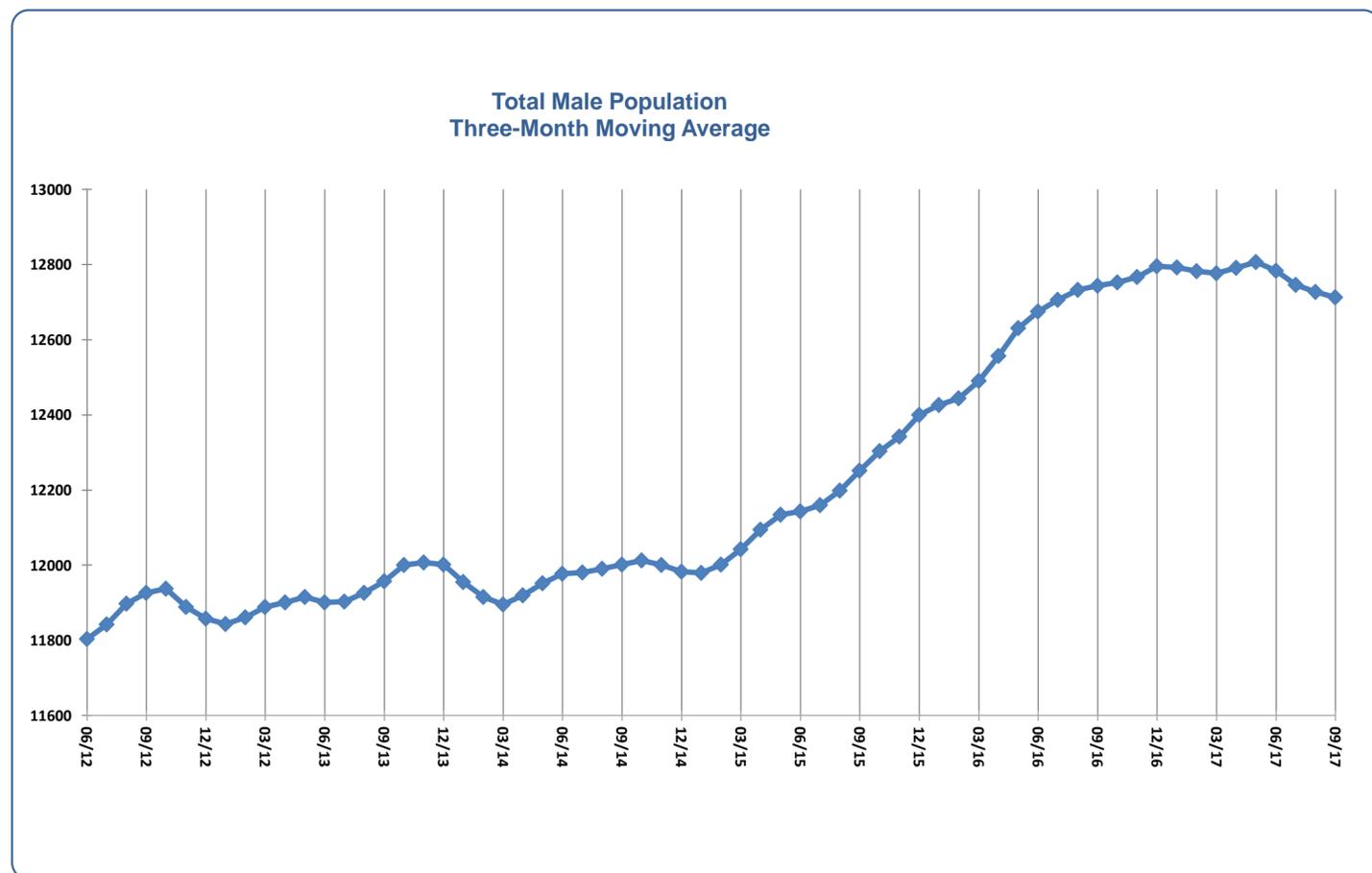
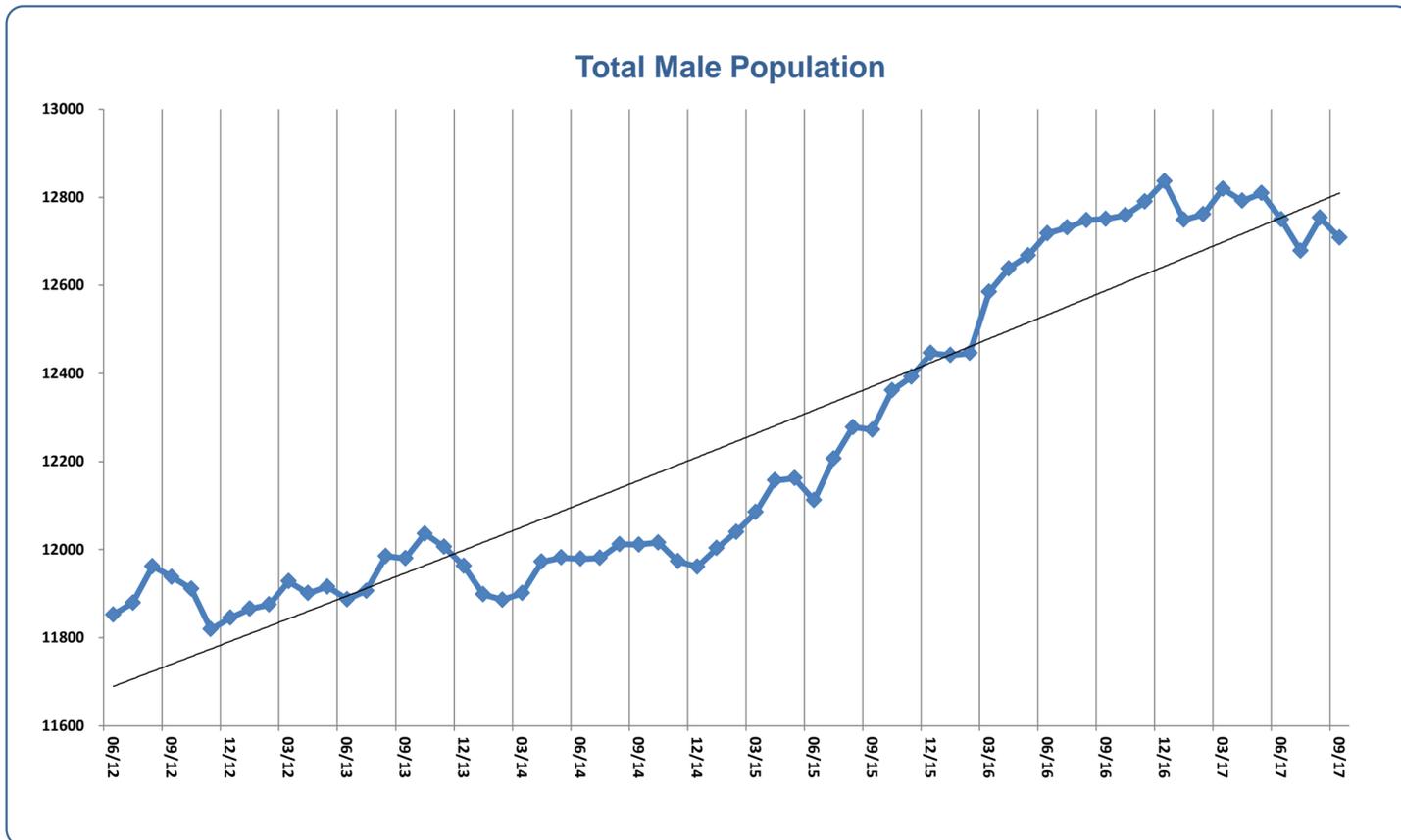
Male Population		
FY 2018	Actual <sup>b</sup>	Forecast <sup>c</sup>
07/17	2.33%	2.20%
08/17	2.35%	2.19%
09/17	2.42%	2.25%
10/17		2.20%
11/17		2.20%
12/17		2.21%
01/18		2.12%
02/18		2.08%
03/18		2.12%
04/18		2.14%
05/18		2.16%
06/18		2.19%
Average	2.4%	2.17%



<sup>a</sup> The non-institutional population represents offenders not housed at an NDOC location, such as those on escape, on residential confinement, or serving a sentence out of state.

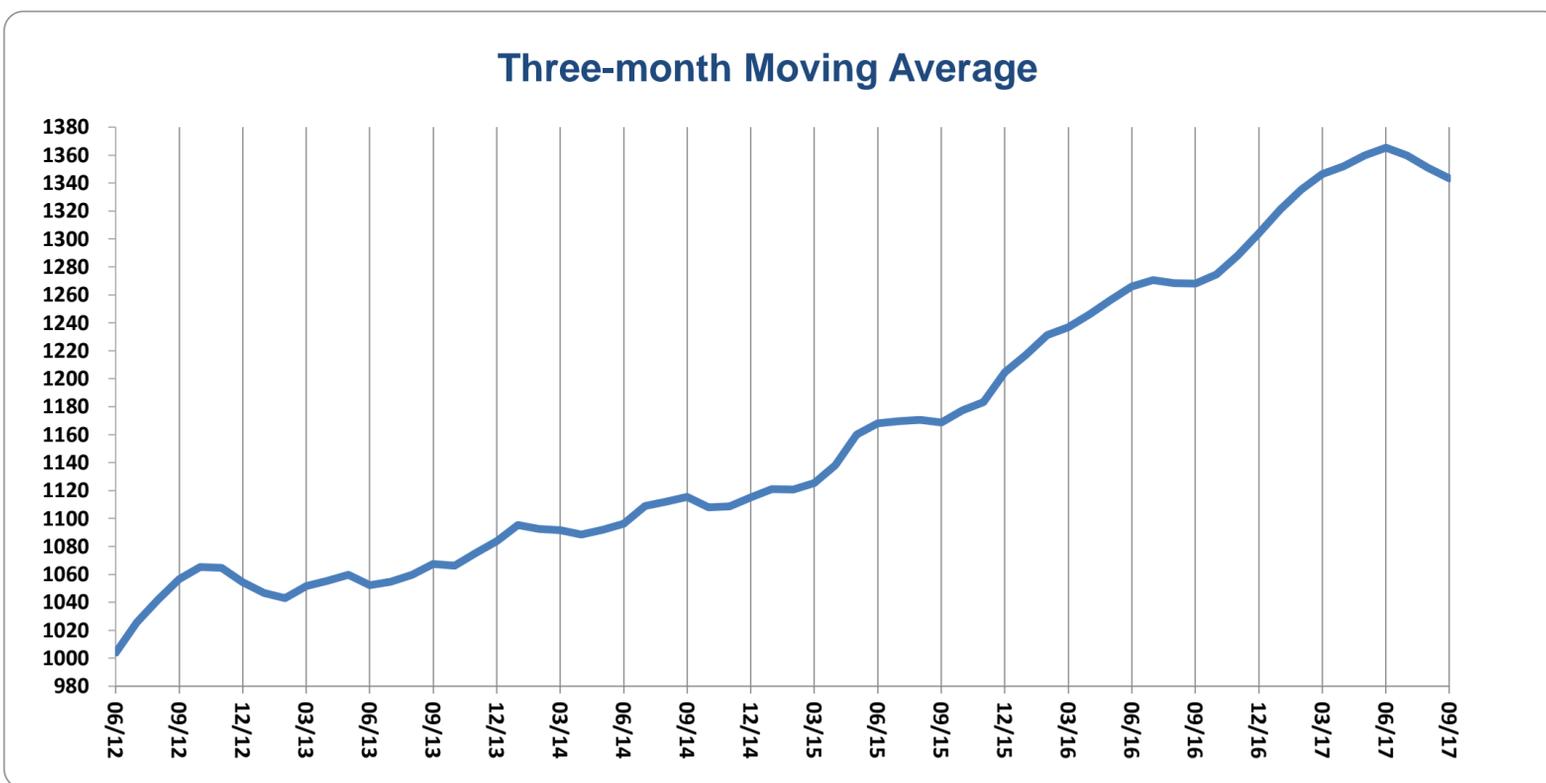
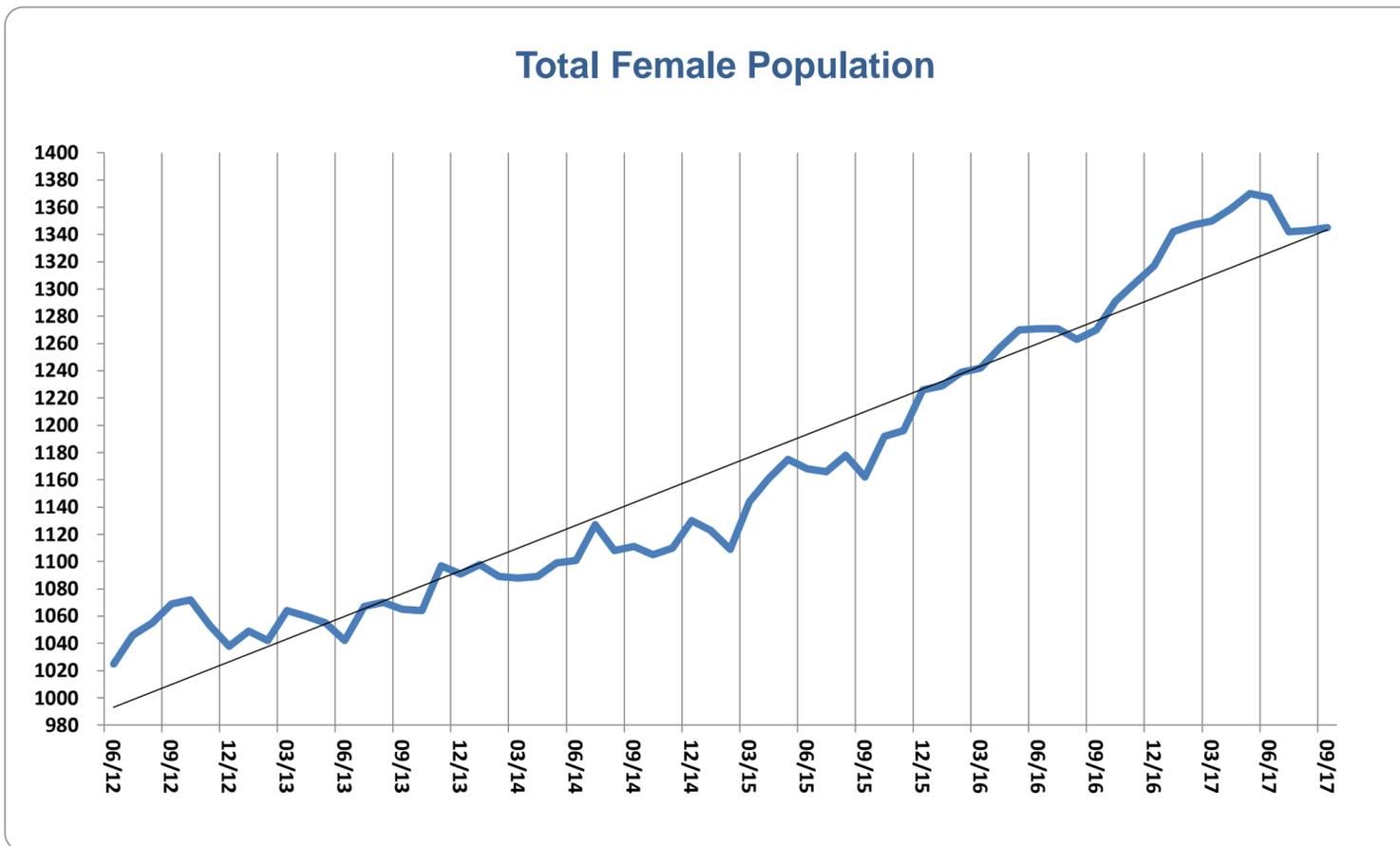
<sup>b</sup> Nevada Department of Corrections approved by the Legislature each Biennial Budget Cycle.

## Quarterly Analysis



Year	FY 2016				FY 2017				FY 2018			
Quarter	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
<b>Change</b>	160	174	139	133	33	85	-17	-69	-42			
<b>% Change</b>	1.32%	1.42%	1.12%	1.06%	0.26%	0.67%	-0.13%	-0.54%	-0.33%			

## Quarterly Analysis



Fiscal Year	FY 2016				FY 2017				FY 2018			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
<b>Change</b>	-6	64	16	29	-1	47	33	17	-22			
<b>% Change</b>	-0.51%	5.51%	1.31%	2.33%	-0.08%	3.70%	2.51%	1.26%	-1.61%			

Number of Escapes and Walkaways - Fiscal Year 2018 <sup>a b c</sup>													
Location	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	Total
<b>CCC</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
Walked													0
Captured													0
<b>CGTH</b>	-1	2	3	0	0	0	0	0	0	0	0	0	4
Walked	2	3	4										9
Captured	3	1	1										5
<b>ECC</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
Walked													0
Captured													0
<b>FMWCC</b>	0	-2	0	0	0	0	0	0	0	0	0	0	-2
Walked													0
Captured		2											2
<b>HCC</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
Walked													0
Captured													0
<b>HDSP</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
Walked													0
Captured													0
<b>HOSP</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
Walked													0
Captured													0
<b>JCC</b>	0	1	2	0	0	0	0	0	0	0	0	0	3
Walked		1	2										3
Captured													0
<b>JAIL</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
Walked													0
Captured													0
<b>NNTH</b>	1	0	0	0	0	0	0	0	0	0	0	0	1
Walked	1												1
Captured													0
<b>NNCC</b>	0	-1	0	0	0	0	0	0	0	0	0	0	-1
Walked													0
Captured		1											1
<b>OSC</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
Walked													0
Captured													0
<b>PCC</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
Walked													0
Captured													0
<b>RES CON</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
Walked		1											1
Captured		1											1
<b>SCC</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
Walked			1										1
Captured			1										1
<b>TCC</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
Walked													0
Captured													0
<b>TLVCC</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
Walked													0
Captured													0
<b>TRANS</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
Walked													0
Captured													0
<b>WCC</b>	-1	0	0	0	0	0	0	0	0	0	0	0	-1
Walked	1												1
Captured	2												2
<b>WSCC</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
Escaped													0
Captured													0
<b>Total Walked/Escaped</b>	4	5	7	0	0	0	0	0	0	0	0	0	16
<b>Total Captured</b>	5	5	2	0	0	0	0	0	0	0	0	0	12
<b>Balance</b>	-1	0	5	0	0	0	0	0	0	0	0	0	4

<sup>a</sup> This table lists the correctional sites that have experienced escapes, walkaways, or recaptures only. A negative balance means that during the reporting month there were offenders recaptured but no escapes.

<sup>b</sup> A negative balance represents an escape or walkaway in an earlier month/fiscal year and a recapture during the current month/fiscal year.

<sup>c</sup> For statistical purposes, it is assumed that the inmate is returned to the location from her or she escaped or walked ways.

## Escape to Population Statistics for Fiscal Year 2018

Month	In-House Population	Escapes/ Walkaways	Rate per 10,000 Inmates
July	13,655	4	2.9
August	13,730	5	3.6
September	13,679	7	5.1
October	-	0	--
November	-	0	--
December	-	0	--
January	-	0	--
February	-	0	--
March	-	0	--
April	-	0	--
May	-	0	--
June	-	0	--
<b>Average</b>	13,688	5	3.9

**Monthly Population Statistics  
2017-2019 Biennium**

Projected vs. Actual Male Population								
Month Year	Total <sup>a</sup>		In-House <sup>b</sup>		Admissions <sup>c</sup>		Releases <sup>d</sup>	
	Frcst <sup>e</sup>	Actual <sup>f</sup>	Frcst <sup>e</sup>	Actual <sup>f</sup>	Frcst <sup>e</sup>	Actual <sup>f</sup>	Frcst <sup>e</sup>	Actual <sup>f</sup>
07/17	12,776	12,678	12,348	12,382	452	384	405	456
08/17	12,790	12,753	12,363	12,453	457	547	421	472
09/17	12,812	12,708	12,377	12,401	415	425	417	470
10/17	12,829		12,400		441		419	
11/17	12,838		12,409		415		418	
12/17	12,832		12,402		410		439	
01/18	12,841		12,422		367		418	
02/18	12,836		12,422		436		428	
03/18	12,851		12,431		454		430	
04/18	12,917		12,494		424		431	
05/18	12,952		12,525		433		405	
06/18	12,992		12,561		445		420	
07/18	12,784		12,301		455		407	
08/18	12,803		12,319		461		411	
09/18	12,805		12,315		418		398	
10/18	12,810		12,325		444		420	
11/18	12,811		12,326		419		397	
12/18	12,817		12,330		413		372	
01/19	12,819		12,344		369		419	
02/19	12,822		12,352		437		410	
03/19	12,832		12,357		458		409	
04/19	12,880		12,401		427		404	
05/19	12,898		12,416		438		433	
06/19	12,949		12,463		446		398	
<b>AVERAGE - TO-DATE</b>	<b>12,793</b>	<b>12,713</b>	<b>12,363</b>	<b>12,412</b>	<b>441</b>	<b>452</b>	<b>414</b>	<b>466</b>
<b>MSE<sup>g</sup></b>		<b>7,263.0</b>		<b>3,277.3</b>		<b>4,274.7</b>		<b>2,670.3</b>
<b>RMSE<sup>h</sup></b>		<b>85.22</b>		<b>57.25</b>		<b>65</b>		<b>52</b>
<b>% RMSE/MEAN</b>		<b>0.67%</b>		<b>0.46%</b>		<b>14.5%</b>		<b>11.1%</b>
<b>CUMULATIVE FISCAL YEAR-TO-DATE</b>					<b>1,324</b>	<b>1,356</b>	<b>1,243</b>	<b>1,398</b>

<sup>a</sup> The prison population inclusive of residential confinement inmates, escapees, prisoners serving a sentence out of state, or intermediate sanction.

<sup>b</sup> The in-house prison population consists of all inmates housed at an NDOC correctional location, and prisoners temporarily housed at a jail or admitted to a hospital.

<sup>c</sup> Offenders admitted to the NDOC during the current biennium.

<sup>d</sup> Offenders released from the NDOC during the current biennium.

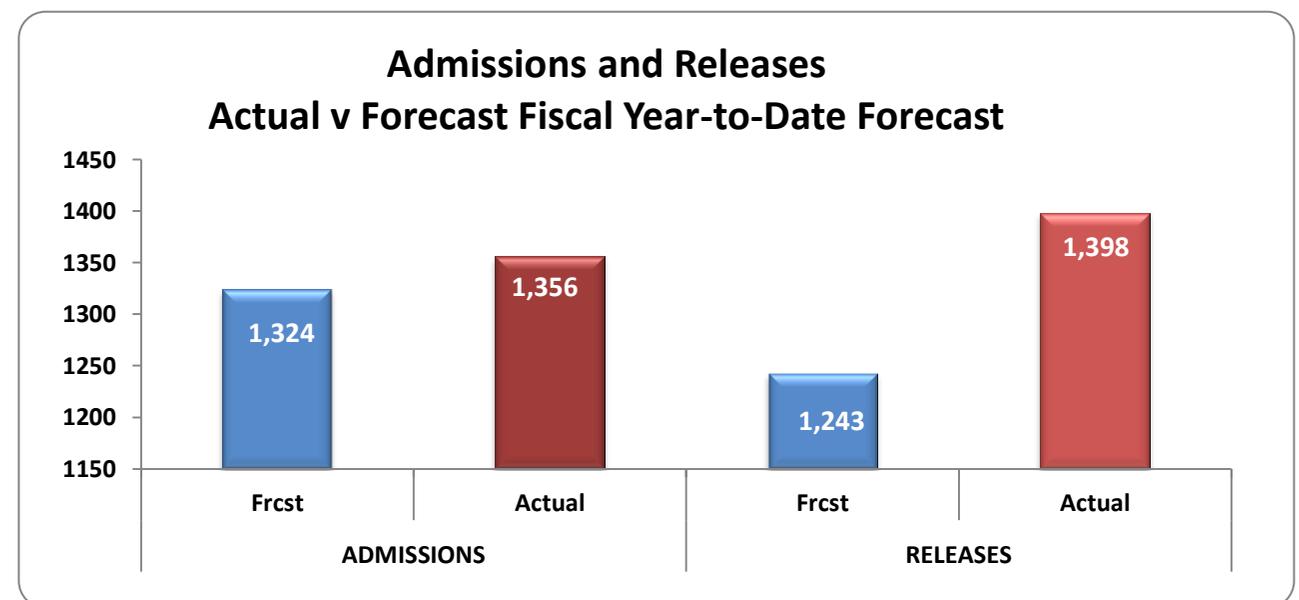
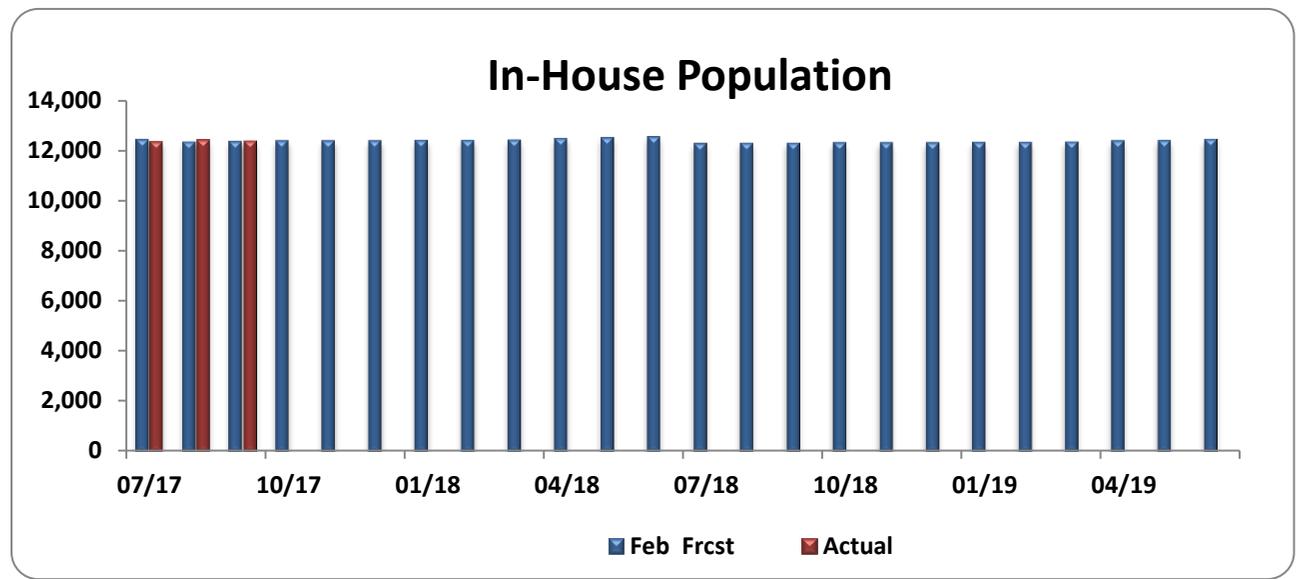
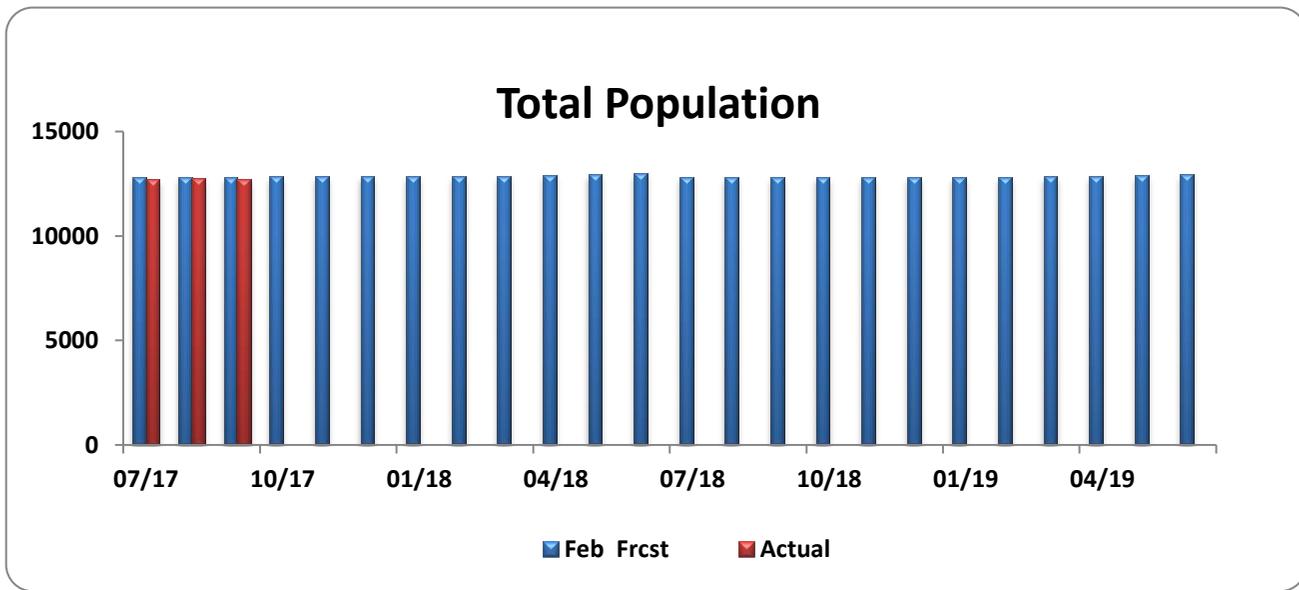
<sup>e</sup> Prisoner population forecasts derived by the JFA Institute/JFA Associates and approved by the Legislature for the current biennium.

<sup>f</sup> The actual prison population .

<sup>g</sup> The Mean Squared Error is the average of the squared differences between the actual and forecasted counts. The Root Mean Squared Error is the squared root Mean Squared Error.

<sup>h</sup> The Root Mean Squared Error as percent of the actual average-to-date is a measure of prediction.

## Male Population Comparison 2017-2019 Biennium



**Monthly Population Statistics  
2017-2019 Biennium**

Projected vs. Actual Female Population								
Month Year	Total <sup>a</sup>		In-House <sup>b</sup>		Admissions <sup>c</sup>		Releases <sup>d</sup>	
	Frcst <sup>e</sup>	Actual <sup>f</sup>	Frcst <sup>e</sup>	Actual <sup>f</sup>	Frcst <sup>e</sup>	Actual <sup>f</sup>	Frcst <sup>e</sup>	Actual <sup>f</sup>
07/17	1,327	1,342	1,275	1,273	73	57	69	82
08/17	1,334	1,343	1,279	1,277	73	100	75	99
09/17	1,331	1,345	1,278	1,278	72	79	74	77
10/17	1,326		1,272		72		74	
11/17	1,332		1,278		72		75	
12/17	1,330		1,274		72		75	
01/18	1,336		1,284		74		81	
02/18	1,342		1,293		71		69	
03/18	1,346		1,296		72		71	
04/18	1,345		1,295		72		75	
05/18	1,351		1,300		74		70	
06/18	1,352		1,300		72		74	
07/18	1,345		1,292		74		75	
08/18	1,349		1,293		74		71	
09/18	1,351		1,297		72		66	
10/18	1,352		1,297		72		67	
11/18	1,356		1,301		72		66	
12/18	1,349		1,292		74		69	
01/19	1,349		1,297		74		69	
02/19	1,351		1,302		74		68	
03/19	1,356		1,306		72		78	
04/19	1,358		1,307		72		77	
05/19	1,367		1,316		72		73	
06/19	1,368		1,316		74		75	
<b>AVERAGE TO-DATE</b>	<b>1,331</b>	<b>1,343</b>	<b>1,277</b>	<b>1,276</b>	<b>72.7</b>	<b>79.0</b>	<b>73.0</b>	<b>86.0</b>
<b>MSE<sup>g</sup></b>		<b>167.33</b>		<b>2.67</b>		<b>344.67</b>		<b>251.33</b>
<b>RMSE<sup>g</sup></b>		<b>12.94</b>		<b>1.63</b>		<b>18.57</b>		<b>15.85</b>
<b>% RMSE/MEAN<sup>h</sup></b>		<b>0.96%</b>		<b>0.13%</b>		<b>23.50%</b>		<b>18.43%</b>
<b>CUMULATIVE FISCAL YEAR TO-DATE</b>					<b>218</b>	<b>236</b>	<b>218</b>	<b>218</b>

<sup>a</sup> The prison population inclusive of residential confinement inmates, escapees, prisoners serving a sentence out of state, and intermediate sanction offenders.

<sup>b</sup> The in-house prison population consists of all inmates housed at an NDOC correctional location, and prisoners temporarily housed at a jail or admitted to a hospital, and inmates in the intermediate sanction program.

<sup>c</sup> Offenders admitted to the NDOC during the current biennium.

<sup>d</sup> Offenders released from the NDOC during the current biennium.

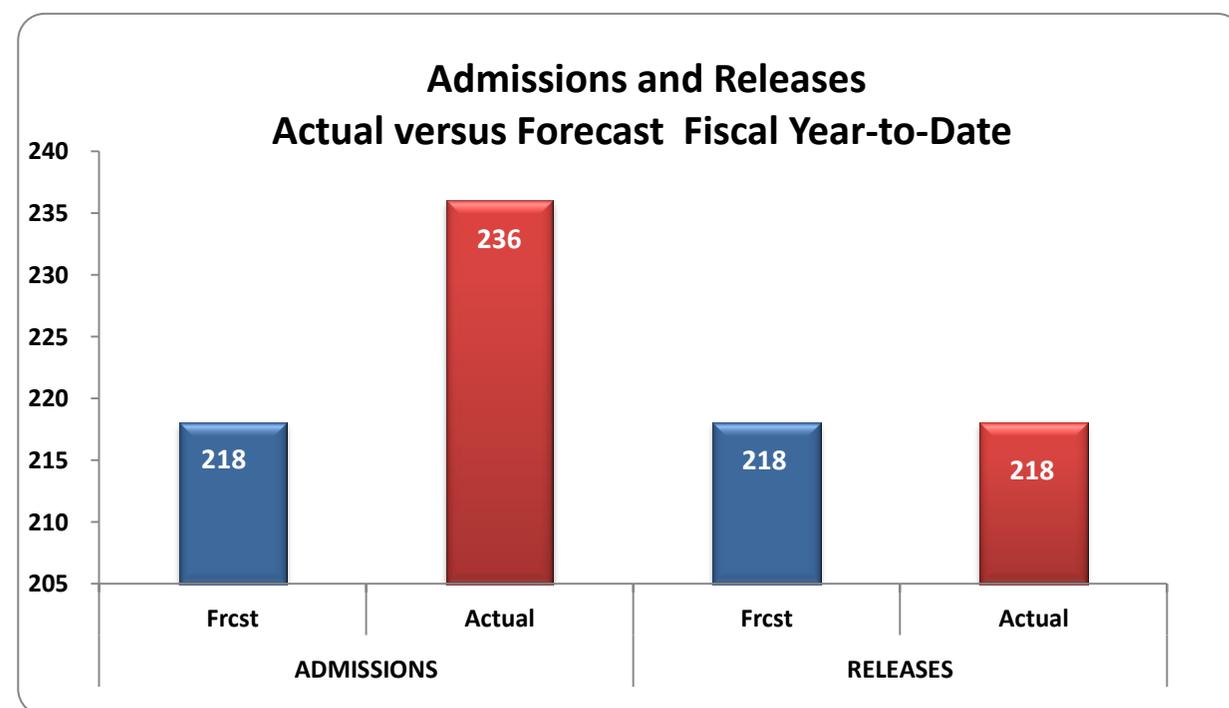
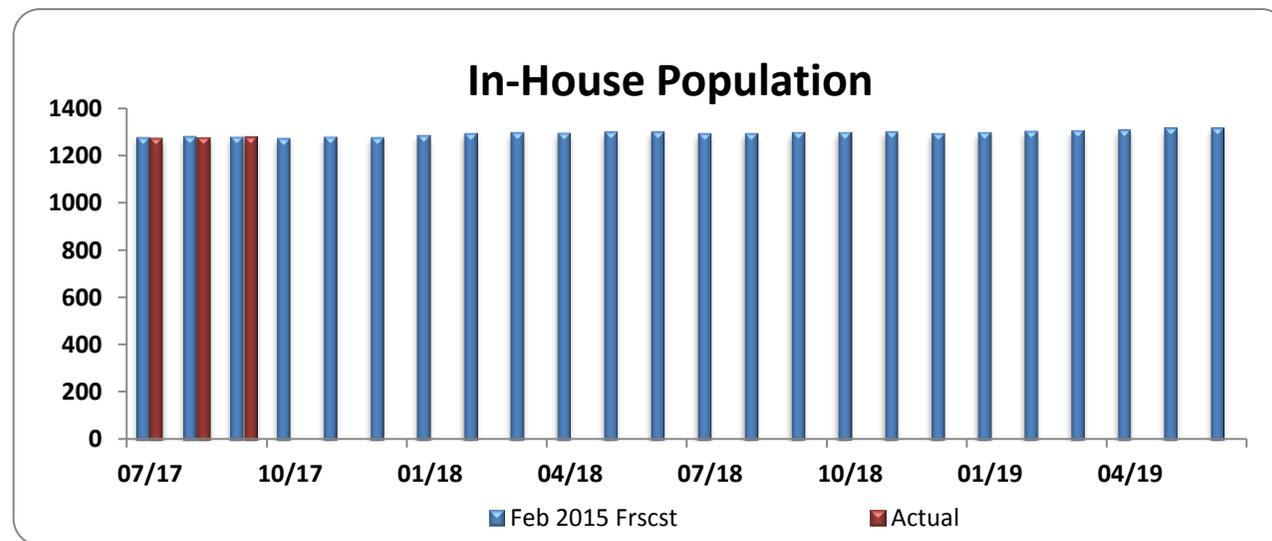
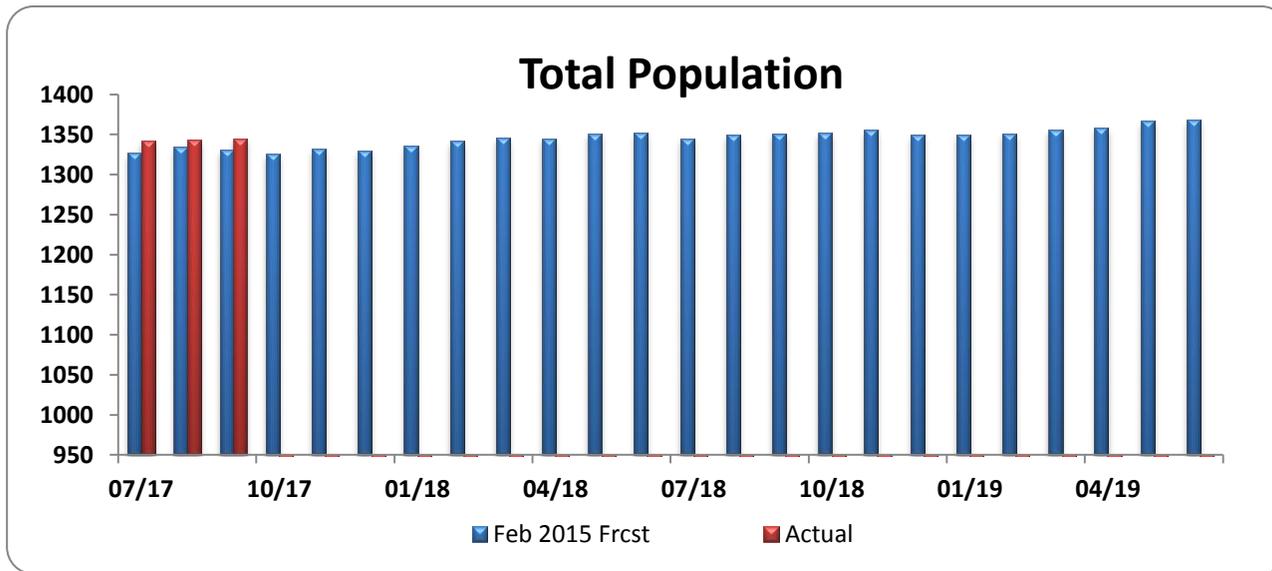
<sup>e</sup> Prisoner population forecasts derived by the JFA Institute.

<sup>f</sup> The actual prison population of the NDOC.

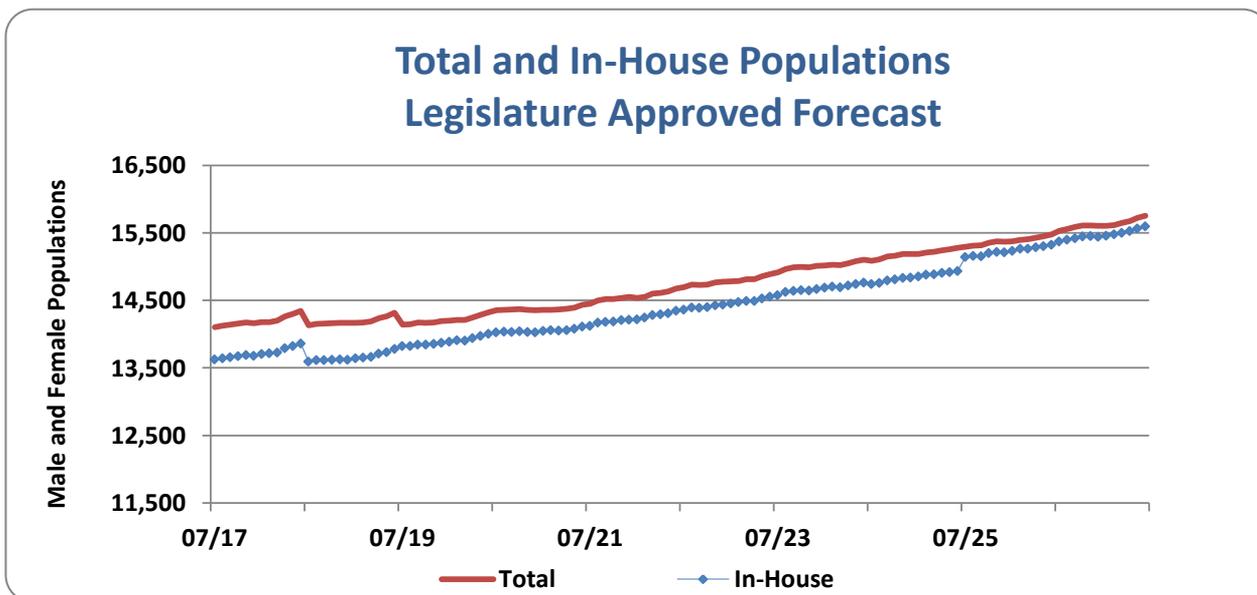
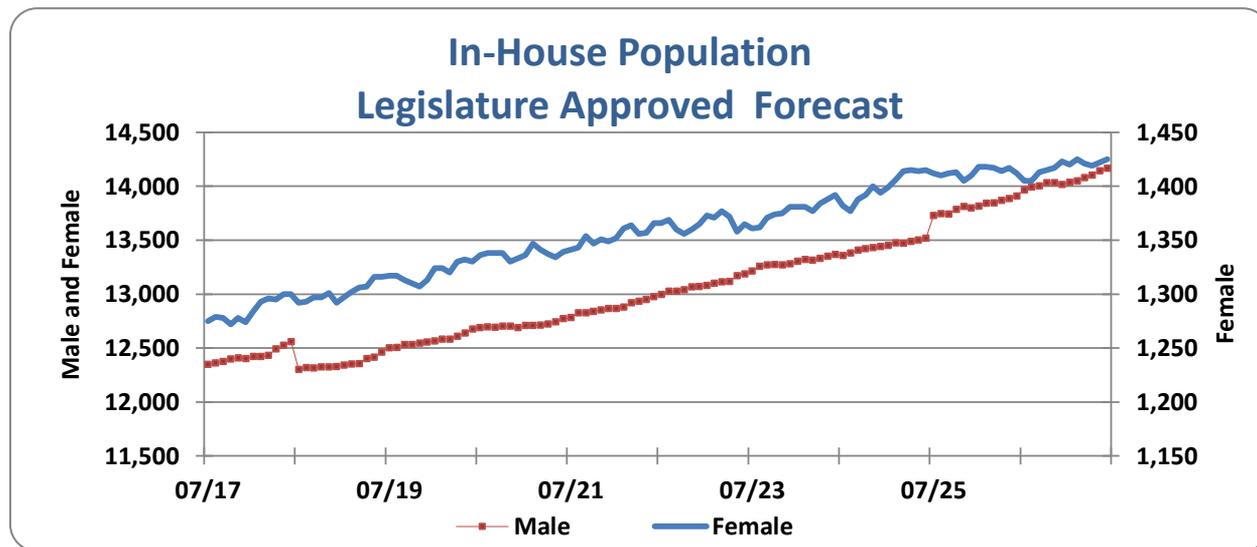
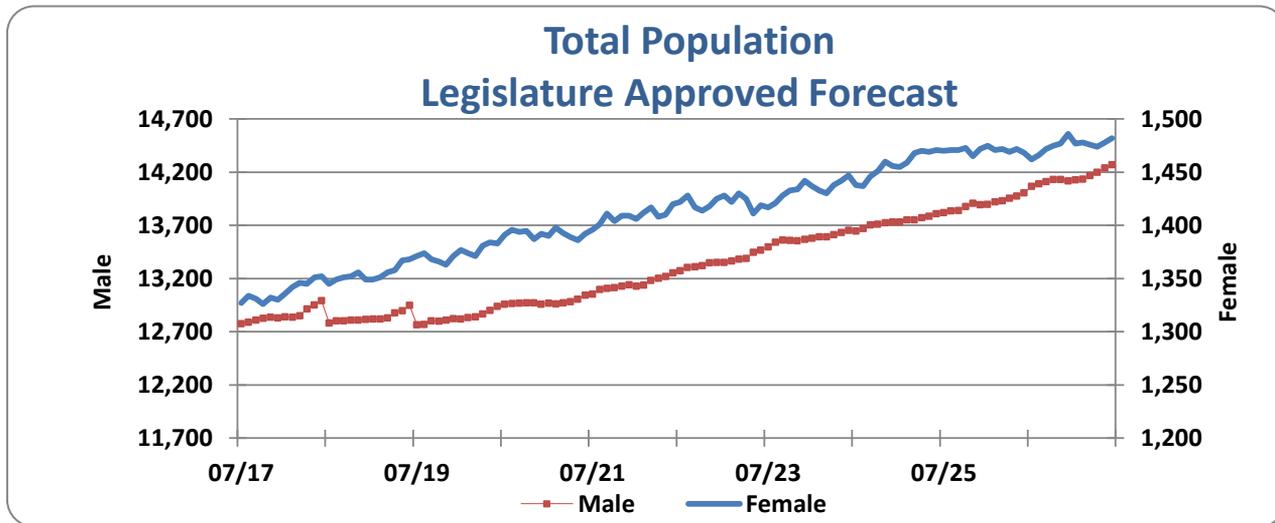
<sup>g</sup> The Root Mean Squared Error is the squared root of the average of the squared differences between the actual and the forecast observations.

<sup>h</sup> The Root Mean Square Error as percentage of the actual average to date is a measure of prediction.

## Female Population Comparison 2017-2019 Biennium



# 10-YEAR POPULATION FORECASTS APPROVED BY THE NEVADA LEGISLATURE DURING THE 2017 SESSION<sup>a</sup>



<sup>a</sup> The 2017 Nevada Legislature approved a ten-year prison population forecast to be applied to the Biennium planning model for the period July 2017 to June 2027. The forecast assumes that up to 200 inmates will be outsourced to another state and up to 357 parolees will be reporting to a day center. The out-of-state contract will reduce the in-house population without affecting the total population. Contracts to outsource beds are approved on a year-by-year basis.

### Ten-Year Population Forecast Analysis

Legislature Approved (June 30, 2017-June 20, 2027)			
Institutional Population <sup>a</sup>	Males	Females	Total
Ten-year Average	13,334	1,353	14,694
Numeric Change	1,873	127	2,000
Ten-year Percent Change	15.02%	4.26%	14.53%
Average Annual Percent Change	1.42%	0.94%	1.37%

Non-institutional Population <sup>b</sup>	Males (%)	Females (%)
120-Month Average	2.21	4.08

### Emergency and Above Capacity Beds and Population Density

Operating Indicators <sup>c</sup>	9/30/2017	6/30/2017
Base Structure	9,583	9,583
Emergency Threshold	n/a	n/a
Emergency and Above	14,314	14,134
In-House Population	13,679	13,768
Total Population	14,053	14,117
In-house Population/Emergency Threshold and Above Emergency	95.56%	97.41%

Incarceration Rates (2015)	
Incarceration Rate (all inmates) <sup>d</sup>	462.93
Incarceration Rate (felony inmates) <sup>e</sup>	444.00

### Fiscal Indicators<sup>f</sup>

Annual Costs (Fiscal Year 2018)	
Minimum Security	\$12,556
Medium/Close/Maximum Security	15,940
Medical	3,334
Correctional Programs	567
Administration	2,452
Total Cost	\$21,513

<sup>a</sup> JFA Institute. (2017). *2017-2027 Stock Population Forecast*.

<sup>b</sup> Nevada Department of Corrections, Offender Management Division and the JFA Institute. (2017). *Legislatively Approved, Ten-Year Population Forecast*.

<sup>c</sup> Nevada Department of Corrections, Offender Management Division. (2017). *Capacity Analysis Reports 201704-CA-63*

<sup>d</sup> Nevada Department of Corrections, Offender Management Division. (2015). *Daily County Sheet on July 1st, 2015* .

The Nevada State Demographer's Office. (2015). *Population Projections for Nevada Counties 2015 to 2019. Based on 2014 Estimates*. Retrieved from <http://nvdemography.org>.

Note: the incarceration rate derived by the Nevada Department of Corrections includes all offenders in custody as of July 1st, 2015 without regard to the sentence length. The rate is per 100,000 residents.

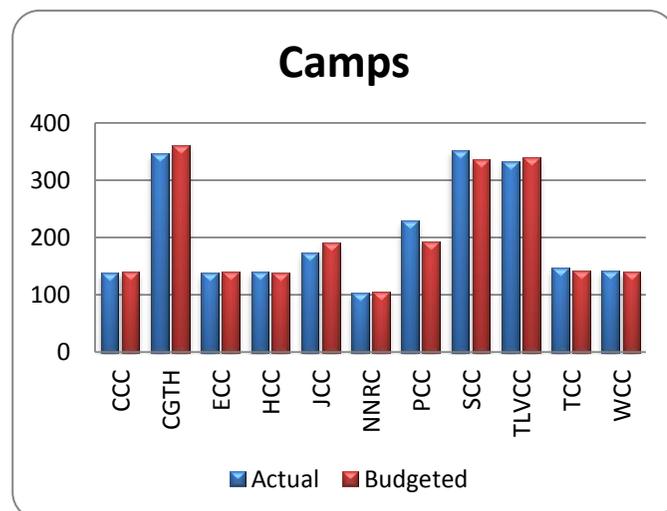
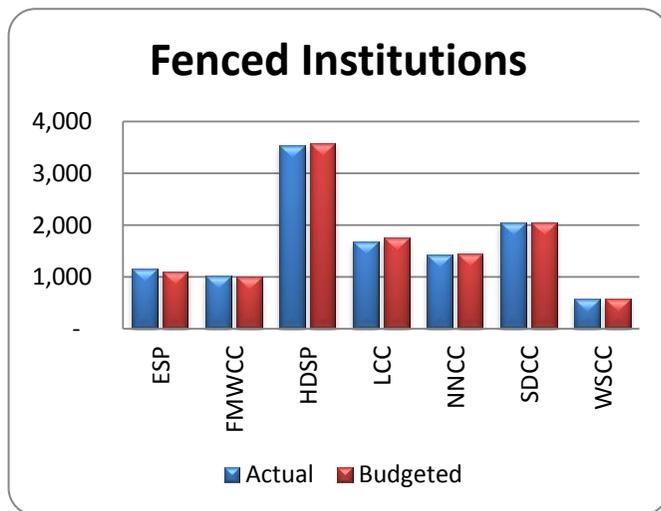
<sup>e</sup> Department of Justice, Bureau of Justice Statistics. (2016). *Imprisonment rate of sentenced prisoners under the jurisdiction of state or federal correctional authorities per 100,000 U.S. residents, December 31, 1978-2015* [Data Tool]. Retrieved from <http://www.bjs.gov>. Note: this rate includes offenders with sentences of 1 year or more.

<sup>f</sup> Nevada Department of Corrections. (2017). *FY17-19 Operating Cost Per inmate By Institution Report-Legislature Approved*.

## Quarterly Population Averages

### Actual Population Compared to Legislatively Approved Population by Location Quarter I, Fiscal Year 2018

Fenced Institutions	Actual <sup>a</sup>	Budgeted <sup>b</sup>	% Actual to Budgeted
Ely State Prison	1,152	1,097	105.01%
Florence McClure Correctional Center	1,013	999	101.40%
High Desert State Prison	3,546	3,580	99.05%
Lovelock Correctional Center	1,679	1,743	96.33%
Northern Nevada Correctional Center	1,413	1,451	97.38%
Southern Desert Correctional Center	2,040	2,043	99.85%
Warm Spring Correctional Center	567	580	97.76%
Total	11,410	11,493	99.28%



Facilities	Actual <sup>a</sup>	Budgeted <sup>b</sup>	% Actual to Budgeted
Carlin Correctional Camp	138	140	98.57%
Casa Grande Traditional Center	346	360	96.11%
Ely Correctional Camp	138	140	98.57%
Humboldt Correctional Camp	140	138	101.45%
Jean Correctional Camp	173	191	90.58%
Northern Nevada Transitional Housing	103	105	98.10%
Pioche Correctional Camp	229	193	118.65%
Stewart Correctional Camp	352	336	104.76%
Three Lakes Valley Correctional Camp	332	339	97.94%
Tonopah Correctional Camp	147	142	103.52%
Wells Correctional Camp	141	140	100.71%
Total	2,239	2,224	100.67%

<sup>a</sup> Nevada Department of Corrections, Offender Management Division. (2017). Report 1.5, *Actual month-end Population, September 2017*.

<sup>b</sup> Nevada Department of Corrections, Offender Management Division (2017). *B2017-66 two-year biennial master plan*.

## Personnel and Economic Indicators

Protective Service Occupations	
NV Total Employment Estimate <sup>a</sup>	41,050
NV (Projection CY14-CY24) <sup>b</sup>	48,284
NV Median Hourly Wage <sup>a</sup>	\$16.09
NV Median Annual Salary <sup>a</sup>	\$33,460
US Median Hourly Wage <sup>a</sup>	\$18.59
US Median Annual Salary <sup>a</sup>	\$38,660
Correctional Officers and Jailers	
NV Total Employment Estimate <sup>a</sup>	1,590
NV (Projection CY16-CY18) <sup>c</sup>	2,907
NV (Projection CY14-CY24) <sup>b</sup>	2,985
NV Median Hourly Wage <sup>a</sup>	\$21.54
NV Median Annual Salary <sup>a</sup>	\$44,800
US Median Hourly Wage <sup>a</sup>	\$20.56
US Median Annual Salary <sup>a</sup>	\$42,770
Nevada Department of Corrections Full-time Equivalent Personnel	
Security (Actual) <sup>d</sup>	1,732
Non-security (Actual) <sup>d</sup>	902
Security (Authorized) <sup>e</sup>	1,879
Non-security (Authorized) <sup>e</sup>	999

### Summary of Macroeconomic and Employment Indicators

Protective service occupations is a large occupational group that encompasses various sub-groups, such as police officers, firefighters, animal control workers, and correctional officers.

In CY 2016, Nevada employed, on the average, 41,050 workers in protective service positions in the public sector. The number of workers in this occupation is expected to increase to 48,284 by the end of Calendar Year 2018. The estimated number of individuals employed as correctional officers and jailers in Nevada in CY 2016 was 1,590, and this number is expected to increase to 2,907 by the end of 2018 and to 2,985 by 2024. Protective service workers in Nevada earned, on the average, \$16.09 per hour, while these workers earned \$18.59 in the U.S. as a whole. The difference translated in an annual salary that was \$5,200 lower than the national.

The hourly wage rate in Nevada was not necessarily lower for each occupation within the protective service class, however. Correctional officers and jailers in Nevada earned slightly more ( \$0.98 per hour) than the U.S. as a whole. The difference in the hourly wage translated into an annual salary that was \$2,030 above the national for correctional officers and jailers.

The employment outlook for Nevada, as a whole, continued to look positive towards the end of CY 2017. In September, the unemployment rate was 4.9%. This improvement translated into an additional 17,061 labor units in the workforce during the first three quarters of 2017 when adjusted for the effect of seasonality. The size of the civilian labor force also increased by 19,009 individuals during the first three quarters.

A new fiscal year began in July of 2017 for the State of Nevada. NDOC 's FTE data are maintained on a fiscal year basis, given that the Nevada Legislature approves biennial budgets in June of each odd number year for the subsequent biennial cycle. For Fiscal Year 2018, which encompasses the period July 1st, 2017 to June 30, 2018, the Legislature authorized 999 non custody and 1,879 custody staff, inclusive of FTE positions not funded by the State's General Fund. The approved number is favorable relative to the former biennium with 15 additional positions being approved. The number of positions authorized by the Legislature for each fiscal year, however, stays constant unless special circumstances require adjustments. Relative to the fourth quarter of Fiscal Year 2017, the first quarter of Fiscal Year 2018 realized an increase of 11 custody and 5 non-custody staff. The total FTE increment was 16. Fluctuation from quarter to quarter is expected; thus, counts increase and decrease through the fiscal year due to factors such as career progression, turnover, or retirement.

Nevada Macroeconomic Indicators	CY2017	CY2016	CY2015	CY2014
Labor Force (end of reporting period, civilian) <sup>f</sup>	1,451,447	1,434,386	1,420,938	1,404,168
Employment (end of reporting period, seasonally adjusted) <sup>f</sup>	1,379,683	1,360,674	1,331,513	1,301,935
Unemployment Rate (end of reporting period, seasonally adjusted) <sup>f</sup>	4.90%	5.10%	6.30%	7.30%
Total Personal Income (year end) <sup>f</sup>	--	\$128,924,465,000	\$121,095,970,000	\$114,922,561,000
Per Capita Personal Income (year end) <sup>f</sup>	--	\$46,637	\$41,992	\$40,565

<sup>a</sup> Nevada Department of Employment, Training, and Rehabilitation, Bureau of Research and Analysis. (2017). *Current Employment Statistics (CES) , Nevada and U.S - Statewide Occupational Employment 2016* [Data File]. Retrieved from <http://nevadaworkforce.com/ces>.

<sup>b</sup> Nevada Department of Employment, Training, and Rehabilitation, Bureau of Research and Analysis. (2017). *Current Employment Statistics (CES) , Nevada - Statewide Occupational Employment and Projections 2016-2018* [Data File]. Retrieved from <http://nevadaworkforce.com/ces>.

<sup>c</sup> Nevada Department of Employment, Training, and Rehabilitation, Bureau of Research and Analysis. (2017). *Current Employment Statistics (CES) , Nevada - Statewide Occupational Employment and Projections 2014-2024* [Data File]. Retrieved from <http://nevadaworkforce.com/ces>.

<sup>d</sup> State of Nevada Human Resources. (2017). *Full-time Equivalent Statistics as of September 30, 2017* [ data warehouse].

<sup>e</sup> NDOC Nevada Department of Corrections, *Historical Full Time Equivalent Positions, SFY 18-19*.

<sup>f</sup> Nevada Department of Employment, Training, and Rehabilitation, Bureau of Research and Analysis. (2017). *Nevada Labor Market Information: Employment and Unemployment, Income and Taxes* [Data Tool]. Retrieved from <http://nevadaworkforce.com>; Federal Reserve Bank of Saint Louis (2017). *Civilian Labor Force in Nevada. [FRED Add In]*. Retrieved from <https://fred.stlouisfed.org/>

Crime Statistics

Year	NV/U.S. Rate per 100,000 residents <sup>a</sup>	Population	Violent Crime	Murder and Non negligent Manslaughter <sup>c</sup>	Forcible Rape <sup>d</sup>	Robbery	Aggravated Assault	Property Crime	Burglary	Larceny-Theft	Motor Vehicle Theft	Rape <sup>e</sup>
2007 <sup>b</sup>	NEVADA	2,565,382	19,257	192	1,096	6,932	11,037	96,916	24,840	49,745	22,331	
	U.S.	301,621,157	1,422,970	17,218	92,160	447,324	866,358	9,882,212	2,190,198	6,591,542	1,100,472	
2008	NEVADA	2,600,167	18,837	163	1,102	6,473	11,099	89,640	24,156	49,581	15,903	
	U.S.	304,059,724	1,394,461	16,465	90,750	443,563	843,683	9,774,152	2,228,887	6,586,206	959,059	
2009	NEVADA	2,643,085	18,559	157	1,021	6,021	11,360	80,763	21,994	46,390	12,379	
	U.S.	307,006,550	1,325,896	15,399	89,241	408,742	812,514	9,337,060	2,203,313	6,338,095	795,652	
2010	NEVADA	2,704,283	17,929	158	965	5,298	11,508	75,004.0	22,286	42,533	10,185	
	U.S.	309,330,219	1,251,248	14,722	85,593	369,089	781,844	9,112,625	2,168,459	6,204,601	739,565	
2011	NEVADA	2,720,028	15,452	139	913	4,308	10,092	70,075	20,342	40,156	9,577	
	U.S.	311,587,816	1,206,005	14,661	84,175	354,746	752,423	9,052,743.0	2,185,140	6,151,095.0	716,508	
2012	NEVADA	2,754,354	16,763	124	931	4,918	10,790	77,510	22,120	45,372	10,018	
	U.S.	313,873,685	1,217,057	14,856	85,141	355,051	762,009	9,001,992	2,109,932	6,168,874	723,186	
2013	NEVADA	2,791,494	16,888	163	1,090	5,183	10,060	79,177.0	23,047	46,132.0	9,998	1,482
	U.S.	316,497,531	1,168,298	14,319	82,109	345,031	726,777	8,651,892.0	1,932,139	6,019,465	700,288	113,695
2014	NEVADA	2,839,099	18,045	170	995	5,954	10,564	74,538.0	21,927	42,426.0	10,185	1,357
	U.S.	318,907,401	1,153,022	14,164	84,864	322,905	731,089	8,209,010.0	1,713,153	5,809,054.0	686,803	116,645
2015	NEVADA	2,883,758	20,118	178	1,688	6,287	11,965	77,137.0	22,360	43,426.0	11,351	1,238
	U.S.	320,896,618	1,199,310	15,883	126,134	328,109	764,057	8,024,115.0	1,587,564	5,723,488.0	713,063	91,261
2016 <sup>b</sup>	NEVADA	2,940,058	19,936	224	1,733	6,340	11,639	76,047.0	18,850	44,017.0	13,180	1,292.0
	U.S.	323,127,513	1,248,185.0	17,250	130,603	332,198	803,007	7,919,035	1,515,096	5,638,455	765,484	95,730
% Change 07-08	NEVADA	1.4%	-3.5%	-16.0%	-0.7%	-7.9%	-0.8%	-4.1%	-1.7%	-29.7%	--	--
	U.S.	0.8%	-2.8%	-5.3%	-2.6%	-1.6%	-3.4%	-1.9%	1.0%	-0.9%	-13.6%	--
% Change 08-09	NEVADA	1.65%	-3.08%	-6.35%	-8.96%	-8.48%	0.68%	-11.37%	-10.43%	-7.96%	-23.41%	--
	U.S.	0.97%	-5.82%	-7.41%	-2.35%	-8.77%	-4.61%	-5.39%	-2.09%	-4.69%	-17.82%	--
% Change 09-10	NEVADA	2.32%	-5.58%	-1.69%	-7.51%	-14.00%	-5.58%	-9.23%	-0.96%	-10.39%	-19.60%	--
	U.S.	0.76%	-6.34%	-4.00%	-7.22%	-10.37%	-4.50%	-3.14%	-2.29%	-2.84%	-7.75%	--
% Change 10-11	NEVADA	0.58%	-14.31%	-12.07%	-5.88%	-19.14%	-12.81%	-7.11%	-9.25%	-6.14%	-6.51%	--
	U.S.	0.73%	-4.30%	-0.41%	-1.66%	-3.89%	-3.76%	-0.66%	0.77%	-0.86%	-3.12%	--
% Change 11-12	NEVADA	1.26%	7.13%	-11.76%	0.60%	12.75%	5.42%	9.23%	7.38%	11.58%	3.29%	--
	U.S.	0.73%	0.18%	0.00%	0.37%	-0.70%	0.54%	-1.29%	-4.15%	-0.44%	0.17%	--
% Change 12-13	NEVADA	1.35%	-0.59%	29.80%	15.60%	4.00%	-8.00%	0.80%	2.90%	0.40%	-1.50%	--
	U.S.	0.84%	-5.10%	-5.10%	-7.00%	-3.50%	-5.60%	-4.80%	-9.30%	-3.40%	-4.00%	--
% Change 13-14	NEVADA	1.71%	6.85%	4.29%	-8.72%	14.88%	5.01%	-5.86%	-4.86%	-8.03%	1.87%	-8.43%
	U.S.	0.76%	-1.31%	-1.08%	3.36%	-6.41%	0.59%	-5.12%	-11.33%	-3.50%	-1.93%	1.95%
% Change 14-15	NEVADA	1.57%	11.49%	4.71%	69.65%	5.59%	13.26%	3.49%	1.97%	2.36%	11.45%	-8.77%
	U.S.	0.62%	4.01%	12.14%	48.63%	1.61%	4.51%	-2.25%	-7.33%	-1.47%	3.82%	-22.40%
% Change 15-16 <sup>b</sup>	NEVADA	1.95%	-0.90%	25.84%	2.67%	0.84%	-2.72%	-1.41%	-15.70%	1.36%	16.11%	4.90%
	U.S.	0.70%	4.08%	8.61%	3.54%	1.25%	5.10%	-1.31%	-4.56%	-1.49%	7.35%	4.90%

Nevada Summary--2016 <sup>b</sup>		U.S. Summary -- 2016 <sup>b</sup>	
Population	▲ 1.95%	▲ 0.70%	
Violent Crime	▲ -0.90%	▲ 4.08%	
Murder & Manslaughter	▲ 25.84%	▲ 8.61%	
Forcible Rape	▲ 2.67%	▲ 3.54%	
Robbery	▲ 0.84%	▲ 1.25%	
Aggravated Assault	▲ -2.72%	▲ 5.10%	
Property Crime	▲ -1.41%	▲ -1.31%	
Burglary	▼ -15.70%	▼ -4.56%	
Larceny	▲ 1.36%	▼ -1.49%	
Motor Vehicle	▲ 16.11%	▲ 7.35%	
Rape	▲ 4.90%	▲ 4.90%	

Summary of Indicators

\*Nevada's population rate of growth declined from 2.32% in 2010 to less than 1.0% in 2011. Beginning in 2012 the rate of growth has been gradually trending upwards from 1.26% to 1.71% in 2014 and by 1.82% in 2015, a rate that has been more than twice the growth in the U.S. Nevada's population continued to grow in 2016, but at a slower rate of 1.70%, while the U.S. population increased by only .70%.

\*According to the Uniform Crime Reporting Program figures released by the FBI, crime rates for violent crime, murder and manslaughter, larceny, and motor vehicle increased at a faster rate in Nevada than in the U.S. during 2016. The U.S. as whole experienced decreased rates in burglary, property crime, and larceny.

\*During 2016 murder and manslaughter crime had the largest increase with the rate in Nevada jumping by 25.84 % relative to 2015 and by 9.90% in all of the U.S. Motor vehicle offenses had the second largest increase with the rate going up by 16.11 % in Nevada and the U.S. rate going up by approximately half as much (8.16%).

<sup>a</sup> Federal Bureau of Investigation. (2015). *Uniform Crime Reporting, Crime in the U.S. Offenses Known to Law Enforcement, Tables 1 and 2*. Retrieved from <http://www.fbi.gov/stats-services/crimestats>

<sup>b</sup> Federal Bureau of Investigation. (2016). *Uniform Crime Reporting, Crime in the U.S. Offenses Known to Law Enforcement, Tables 1 and 2*. Retrieved from <http://www.fbi.gov/stats-services/crimestats>

Text in color denotes that the figures were adjusted to reflect the FBI's most current rates since the past edition of this report.

<sup>c</sup> Cases resulting from the events of September 11, 2001 are not included.

<sup>d</sup> Original definition.

<sup>e</sup> Revised definition.

Note: population figures utilized by the FBI are U.S. Census Bureau provisional estimates as of July 1 for each year except 2000 and 2010, which are decennial census counts. U.S. Census Bureau annual estimates are for the resident population for the United States, regions, states, and Puerto Rico.