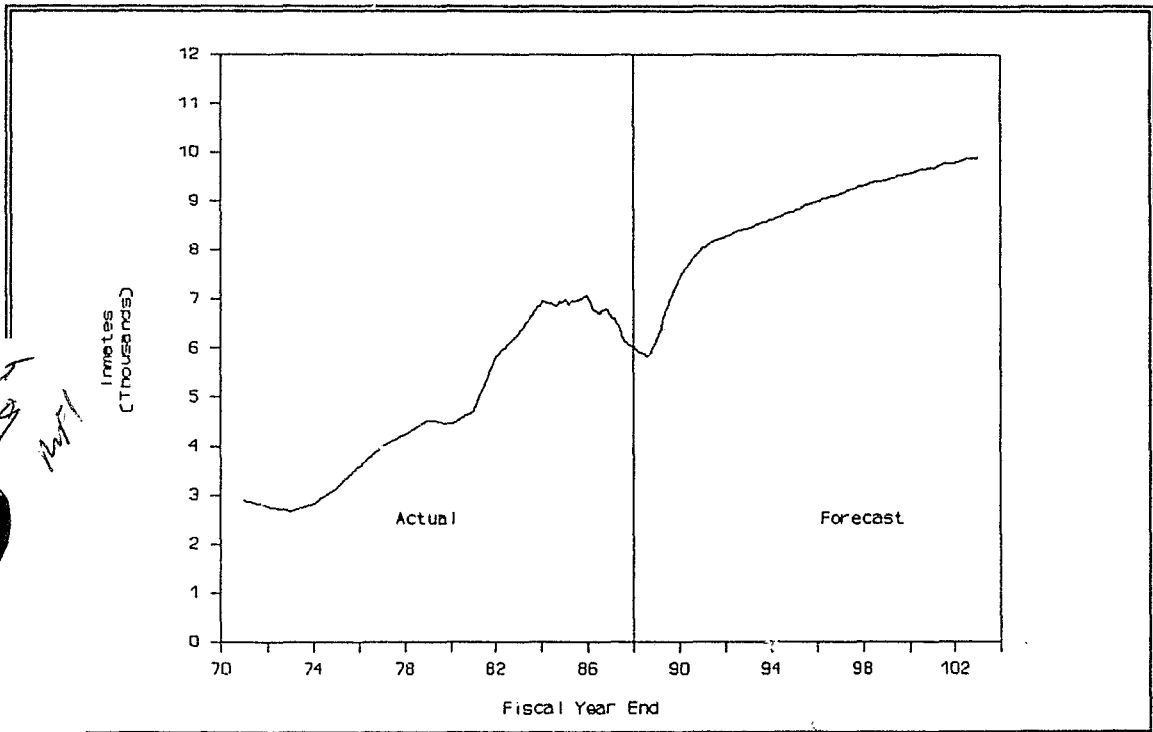


INMATE POPULATION FORECAST

STATE OF WASHINGTON
FISCAL YEAR 1989 - 2003
NOVEMBER 1988



LONG RANGE INMATE POPULATION FORECAST



CR. SENT
9-19-89
MFI

116845
548911

FORECASTING DIVISION

116845

INMATE POPULATION FORECAST



STATE OF WASHINGTON
FISCAL YEAR 1989 - 2003
NOVEMBER 1988

116845

U.S. Department of Justice
National Institute of Justice

This document has been reproduced exactly as received from the person or organization originating it. Points of view or opinions stated in this document are those of the authors and do not necessarily represent the official position or policies of the National Institute of Justice.

Permission to reproduce this copyrighted material has been granted by
Washington Office of Financial
Management

to the National Criminal Justice Reference Service (NCJRS).

Further reproduction outside of the NCJRS system requires permission of the copyright owner.

ASSUMPTIONS FOR THE INMATE POPULATION FORECAST ARE SET BY THE
GOVERNOR'S INTERAGENCY CRIMINAL JUSTICE WORK GROUP
CHASE RIVELAND, CHAIR
SECRETARY OF CORRECTIONS

NCJRS

APR 25 1989

ACQUISITIONS

FORECASTING DIVISION:GLENN OLSON

Table of Contents

Section 1: Forecast Results	1
Forecast Overview	1
Prison Capacity	2
Out-of-State Boarders	2
Long Range Forecast	3
Offender Types	4
Expectations and Assumptions	5
Section 2: Components of Change	7
Component of Change Overview	7
Target Population	8
Crime	8
Conviction Rates	9
Judicial Decision to Imprison	9
Appendix One: Monthly Inmate Population Forecast: FY 1989-2003	13
Appendix Two: Conviction Rates and JDI Percentages	23
Appendix Three: Forecast Assumptions	29

List of Figures

Figure 1: 1989-91 Biennium Inmate Population Forecast, All Inmates	1
Figure 2: Forecast Prison Population Compared to July 1988 Operational Capacity	2
Figure 3: Long Range Inmate Population Forecast	3
Figure 4: Long Range Inmate Population Forecast: Percent Non-Person Offenders	4
Figure 5: Inmate Forecast Target Populations	8
Figure 6: Reported Crime Rates, Washington UCR	8
Figure 7: Total Felony Conviction Rates	9
Figure 8: Total Judicial Decision to Imprison	9

List of Tables

Table 1: Long Range Inmate Population Forecast	3
Table 2: Long Range Inmate Population Forecast by Crime Type	4
Table 3: Summary of Assumptions, 1989-91 Biennium Inmate Population Forecast	5
Table 4: Components of the Inmate Population	7
Table 5: Key Indicators in the Criminal Justice System	10
Table 6: Historical and Forecast Convictions, Admissions and JDIs, by Crime Type	11
Table 7: Monthly Inmate Population Forecast	14
Table 8: Male Conviction Rates	24
Table 9: Male Judicial Decision to Imprison	25
Table 10: Female Conviction Rates	26
Table 11: Female Judicial Decision to Imprison	27

Section 1: Forecast Results

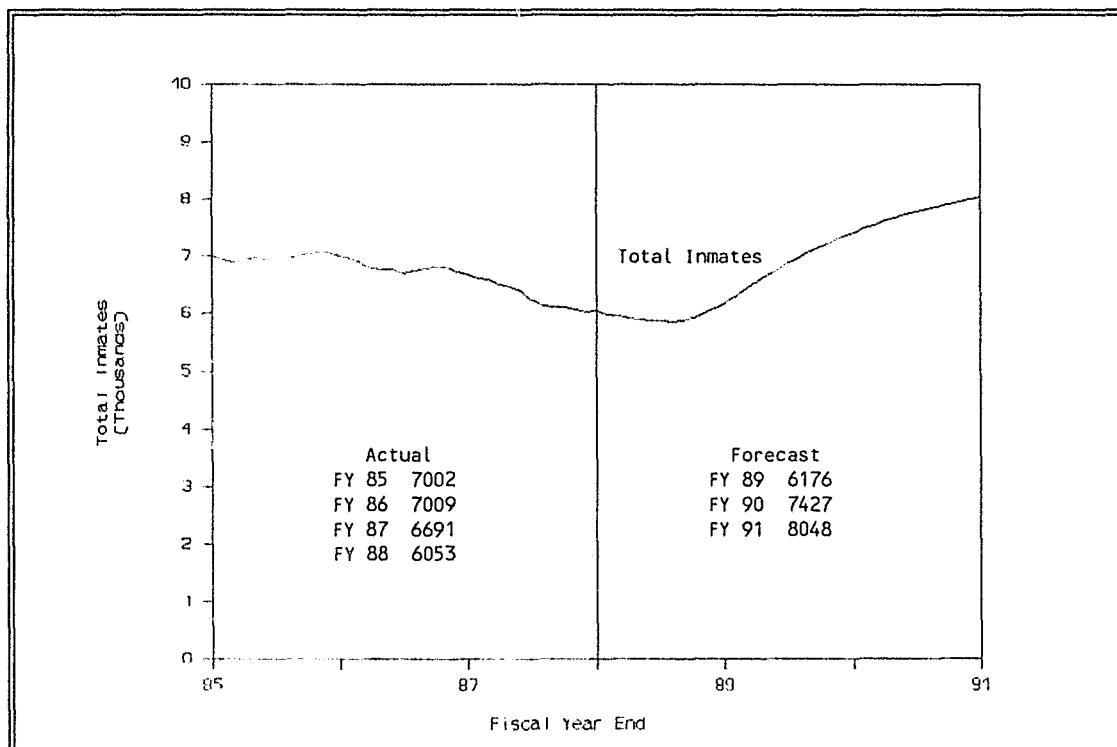


Figure 1: 1989-91 Biennium Inmate Population Forecast, All Inmates

Forecast Overview

The Department of Corrections (DOC) is responsible for the supervision of convicted felons committed to its jurisdiction by the courts. DOC may also board offenders from other states or local jails. This forecast does not include boarders.

Only felons receiving a sentence greater than one year are committed by the courts to DOC. Offenders are supervised in two programs: Prisons and community corrections. Prison inmates are explicitly forecast as the population in prison institutions, and in inmate work release. Community corrections cases are implicitly forecast as the remainder of convicted felons who do not receive a prison sentence. This forecast of the prison and work release inmate population is referred to

as the inmate population forecast.

In Fiscal Year 1989 the inmate population is expected to reach the bottom of a decline that started in 1986.

The recent decline in the inmate population is due to increased numbers of releases, not to a decline in admissions. This is due in part to a 1986 statutory change (SHB 1400, Chapter 224, Laws of 1986, revising RCW 9.95.009(2)). SHB 1400 required the Indeterminate Sentence Review Board (ISRB) to review the minimum terms of all inmates in prison who were not sentenced under the Sentencing Reform Act (SRA) of 1981. SHB 1400 specified how the Sentencing Reform Act was to be applied to these old law cases, and resulted in an earlier release for many inmates.

The expected rapid growth in the inmate population after January 1989 is also affected by SHB 1400. The high numbers of releases in 1987 and 1988 will result in lower volumes of future releases. These are actually early releases being "borrowed" from the future. As the future pool of inmates eligible for release shrinks, the number of releases will fall, and the population will begin to increase.

Drug offenses are also expected to cause a large increase in the inmate population. The number of drug offenders in prison is expected to triple by the end of Fiscal Year 1991.

Other sources of increase are the new Automated Fingerprint Identification System, small increases in other crime types, other statutory changes, and state population increases.

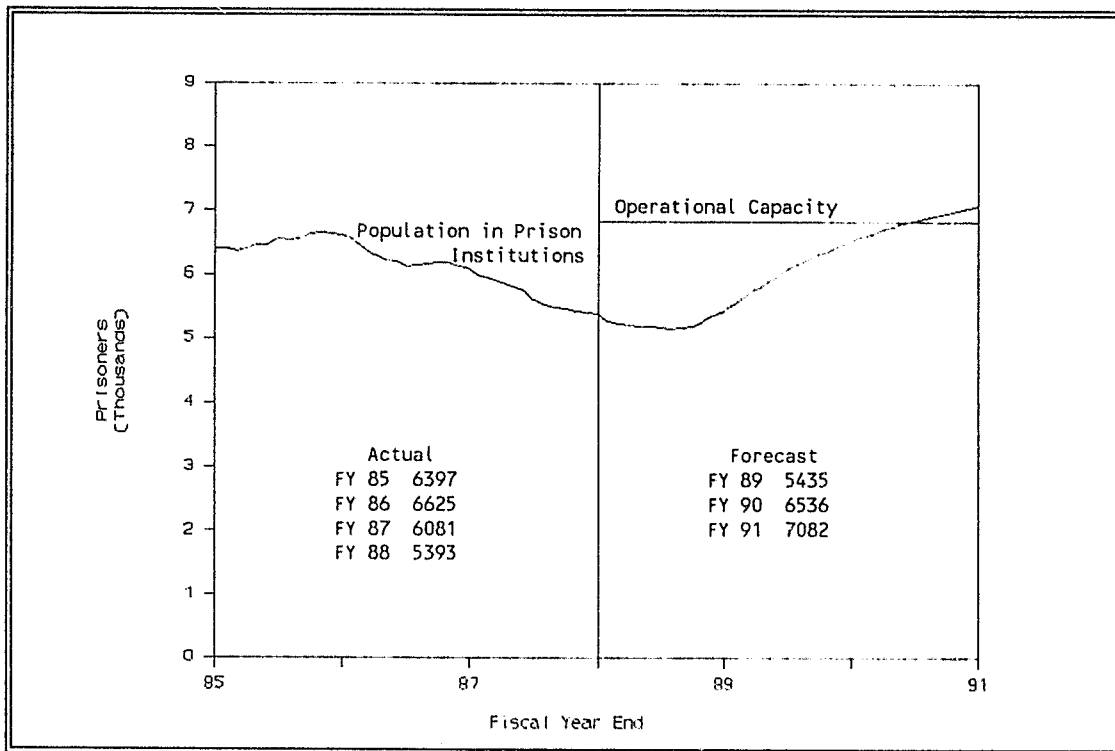


Figure 2: Forecast Prison Population Compared to July 1988 Operational Capacity

Prison Capacity

Prison capacity is measured in two ways: rated capacity and operational capacity. Rated capacity is defined by a space standard of 60 square feet per inmate housed in a cell; 50 square feet per inmate housed in a dormitory. Rated capacity does not include temporary use quarters such as segregation, hospitals, and mental health facilities.

Operational capacity defines the housing adjustments which are made to accommodate inmate population beyond rated capacity. These adjustments take into account operational factors including security, programming, physical plant capabilities, statutes, and court orders.

The DOC Division of Prisons published the **Institution**

Capacity Report in May 1980. That report provides a detailed breakdown of all housing adjustments made in the determination of operational capacity.

Both rated and operational capacity are subject to rapid changes. Factors that reduce capacity are statutes, court orders, changes in the availability of contracted bed space, and building renovations. Some of these factors can also cause capacity increases.

Figure 2 shows the forecast population of prison inmates compared to the operational capacity of Washington prisons in July of 1988. At that time the operational capacity was 6,831 and the rated capacity was 6,056.

Prison inmates are the total inmate population less work

release inmates. Total inmates are forecast and subsequently divided into work release and prison components. The 1989-91 Biennium forecast assumes 88 percent of the inmates will reside in prison, shown in Figure 2, and the remaining 12 percent will be housed in inmate work release facilities.

Out-of-State Boarders

SHB 1400 caused a temporary dip in the prison population. In Fiscal Year 1988 DOC began to rent the resulting extra space to other states and the federal government on a temporary basis, under the Federal Prisoner Contract Program.

The availability of contract beds and receipt of contract inmates is dependent on the capacity needs of the state prison inmate population, which is forecast to exceed capacity in January 1991.

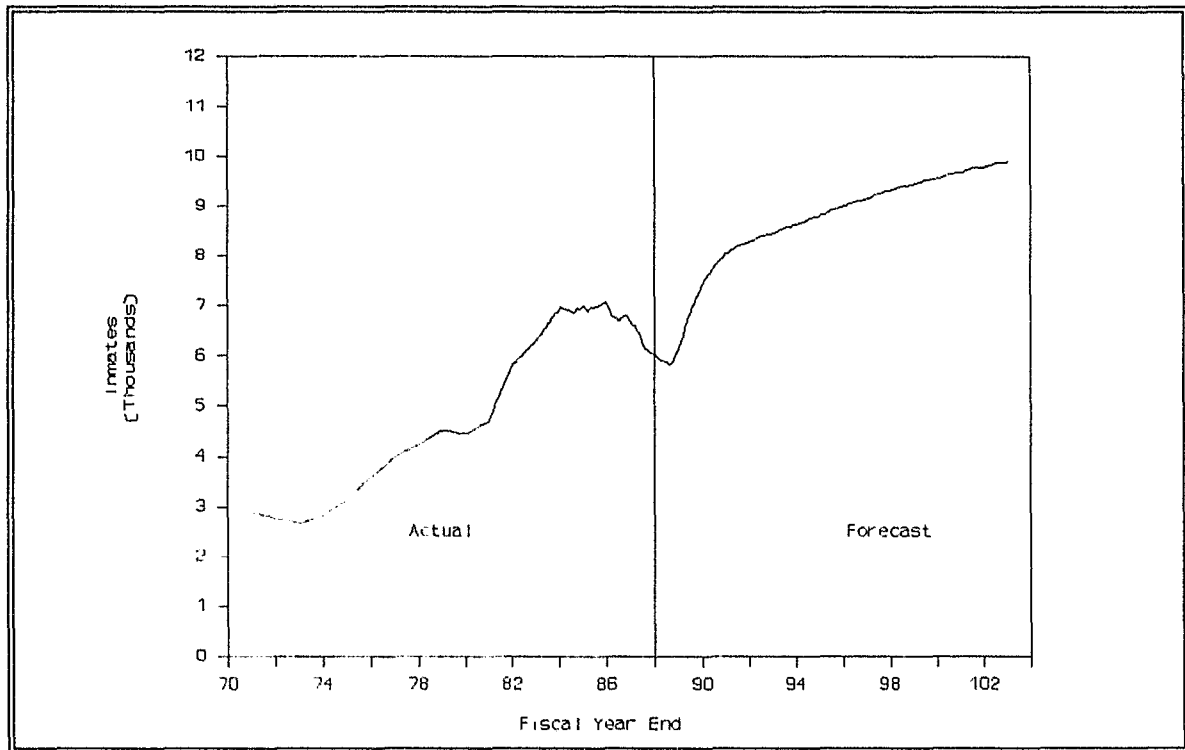


Figure 3: Long Range Inmate Population Forecast

Long Range Forecast

The long range forecast of the inmate population shows steady growth during the next decade. The rapid growth rate expected during the next biennium is attenuated in the long term, as the impact of SHB 1400 tapers off.

While the biennium forecast can include several hundred assumed short term changes in the criminal justice system, this forecast assumes long term stability in the criminal justice system. The long range forecast continues the effects of the biennium forecast assumptions, but typically does not include new assumptions about changes in the criminal justice system beyond the period of the ensuing biennium.

Biennium forecast assumptions that are expected to have a long term impact on the inmate population are increased drug

Table 1: Long Range Inmate Population Forecast

Actual	Jun-82	5814	Jun-92	8285	
Jun-71	2888	Jun-83	6307	Jun-93	8451
Jun-72	2761	Jun-84	6994	Jun-94	8636
Jun-73	2670	Jun-85	7002	Jun-95	8813
Jun-74	2825	Jun-86	7009	Jun-96	9002
Jun-75	3147	Jun-87	6691	Jun-97	9156
Jun-76	3589	Jun-88	6053	Jun-98	9307
Jun-77	4001			Jun-99	9438
Jun-78	4244	Forecast	Jun-2000	9570	
Jun-79	4524	Jun-89	6176	Jun-2001	9684
Jun-80	4453	Jun-90	7427	Jun-2002	9792
Jun-81	4720	Jun-91	8048	Jun-2003	9895

crime convictions and the Automated Fingerprint Identification System.

Some implicit assumptions have a major impact on the long term forecast, including state population growth, increasing Lengths of Stay, recidivism, and increases in the average number of prior convictions for

offenders. Explicit assumptions have not been set for these sources of change, but the are reflected in the base data for the forecast.

Explicit assumptions will be made about these sources of change, if they begin to have more immediate effects on the inmate population.

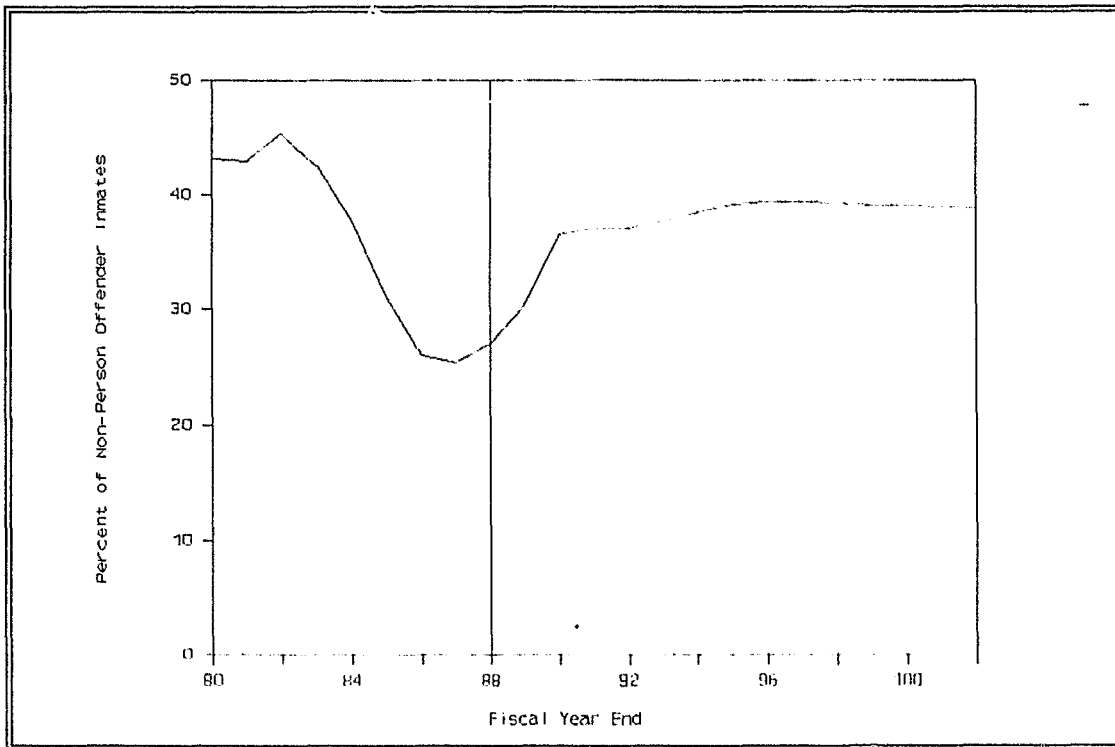


Figure 4: Long Range Inmate Population Forecast: Percent Person Offenders

Offender Types

Table 2 is the forecast of inmates by crime type. Murder 1, Murder 2, Manslaughter, Sex Crimes, Robbery, and Assault are known as **person offenses**. Property, Drug, and Other

offenses are **nonperson offenses**.

Under the SRA the proportion of nonperson offenders in the population was expected to decline. This occurred until 1988, when there were rapid

increases in admissions for nonperson drug crimes and SHB 1400 early releases for serious person offenders. These changes combined to cause an increase in the proportion of nonperson inmates.

Table 2: Long Range Inmate Population Forecast by Crime Type

Fiscal Year	M1	M2	Mans	Sex	Rob	Aslt	Prop	Drug	Oth	Total	% Person	% Non-Person
80	196	200	100	669	811	553	1417	138	369	4453	56.8	43.2
81	234	210	108	699	860	582	1473	143	411	4720	57.1	42.9
82	269	238	157	806	914	791	2149	212	278	5814	54.6	45.4
83	309	266	172	1020	1095	767	2200	184	298	6311	57.5	42.5
84	362	359	126	1290	1269	949	2388	208	43	6994	62.3	37.7
85	402	377	122	1652	1416	856	1907	175	98	7005	68.9	31.1
86	446	320	219	1937	1460	800	1567	186	73	7008	73.9	26.1
87	492	348	190	1885	1359	720	1337	295	65	6691	74.6	25.4
88	536	345	183	1560	1192	601	1117	469	50	6053	73.0	27.0
89	586	359	187	1501	1120	550	1097	733	43	6176	69.7	30.3
90	640	375	206	1648	1187	660	1382	1267	62	7427	63.5	36.5
91	693	406	216	1790	1247	710	1473	1462	51	8048	62.9	37.1
92	745	428	217	1858	1253	707	1509	1526	42	8285	62.9	37.1
93	799	446	215	1886	1222	692	1562	1590	39	8451	62.2	37.8
94	853	471	212	1904	1183	690	1615	1669	39	8636	61.5	38.5
95	905	481	214	1926	1146	691	1670	1742	38	8813	60.9	39.1
96	958	499	216	1957	1135	689	1714	1795	39	9002	60.6	39.4
97	1012	513	219	1992	1125	686	1740	1829	40	9156	60.6	39.4
98	1065	537	219	2019	1123	690	1760	1854	40	9307	60.7	39.3

Expectations and Assumptions

The inmate population forecast model is a simulation of the process of conviction, admission, release and recidivism of monthly groups of offenders. Each event in this process represents an assumption, set for nine crime types by sex. In addition, special assumptions are often set to reflect anticipated policy changes or other unique

events, such as the state's new Automated Fingerprint Identification System (AFIS). The state population forecast of 16 to 54 year-olds forms the base on which all other assumptions are built.

The Governor's Interagency Criminal Justice Work Group sets the assumptions for the inmate forecast. They focus primarily on conviction,

admission, and special assumptions. Assumptions for length of stay (releases) and recidivism usually are based on the most recent actual data-point. If it is known that these components will change from recent experience, the expected changes are addressed as special assumptions. The following assumptions apply to the 1989-91 Biennium inmate forecast:

Table 3: Summary of Assumptions, 1989-91 Biennium Inmate Population Forecast

<p>o The Fall 1988 Office of Financial Management State Population Forecast of 16 to 54 year-olds, by single year of age.</p>
<p>o The conviction rate, excluding convictions for recidivists, is expected to increase from 5.244 convictions per 1000 16 to 54 year-olds, 13,599 convictions, in Fiscal Year 1988, to:</p> <p style="text-align: center;">5.727 in Fiscal Year 1989 -- 15,246 convictions 5.858 in Fiscal Year 1990 -- 15,865 convictions 5.782 in Fiscal Year 1991 -- 15,874 convictions</p> <p>An increase of almost 1,300 convictions between Fiscal Years 1988 and 1989 is due to expected increased convictions for drug offenses. Six hundred additional convictions for drug offenses are expected to occur between Fiscal Years 1989 and 1990.</p>
<p>o The admission rate is calculated as the percentage of convictions that receive prison sentences, excluding recidivists. This measure is called the Judicial Decision to Imprison, or JDI. The JDI is expected to increase from 13.6 percent, 1,845 admissions, in Fiscal Year 1988, to:</p> <p style="text-align: center;">14.3 percent in Fiscal Year 1989 -- 2,187 admissions 14.9 percent in Fiscal Year 1990 -- 2,371 admissions 14.9 percent in Fiscal Year 1991 -- 2,373 admissions</p>
<p>o The recidivism rate measures the the percentage of releases from Washington prisons who return there within five years. Thirty two percent of released inmates are expected to return within five years.</p>
<p>o AFIS is expected to account for 25 prison admissions in Fiscal Year 1989. By the end of Fiscal Year 1991 that number is expected to reach 94, and by the mid 1990s it will exceed 200.</p>

Special assumptions were set for Washington's new Automated Fingerprint Identification System. Most offenders identified by AFIS must have at least one prior felony conviction

(to be in the fingerprint database). Consequently, AFIS caused admissions were assigned the longer lengths of stay used for recidivists, who must also have at least one prior

conviction. AFIS is expected to have an increasing impact on prison admissions as the Seattle system becomes fully operational and as planned remote sites come on line.

Section 2: Components of Change

Component of Change Overview

The inmate forecast is a simulation, or components of change, forecast model. This refers to a method of identifying the components of a system which cause changes in a population associated with that system.

Table 4 is a summary of criminal justice components of change for which explicit

assumptions are set. These include felony convictions, new prison admissions, recidivist prison admissions, and releases.

Explicit assumptions cannot be set for every component of the criminal justice system. Some components are based on assumptions from other forecasts, like the state population forecast, and other components are studied but not explicitly forecast, like crime

rates. Finally, some assumptions about components are technical exercises, such as reading inmates' expected release dates into the forecast model.

This section contains detailed information about most of the explicit forecast assumptions, as well as highlights of other criminal justice system components. The appendices contain further information about the forecast assumptions.

Table 4: Components of the Inmate Population

Fiscal Year	Convicted	Admissions				Releases Total	Population		
	Total ¹	Net Misc ²	New ³	Recid ⁴	Total		Inmate	Prison	WorkRLs ⁵
71	3770	0	974	538	1512	1567	2888	2657	231
72	4913	(5)	1030	551	1581	1703	2761	2540	221
73	5264	(35)	1011	593	1604	1660	2670	2456	214
74	5476	(22)	1115	538	1653	1476	2825	2599	226
75	6929	(28)	1231	563	1794	1444	3147	2895	252
76	6692	22	1394	610	2004	1584	3589	3302	287
77	6882	(45)	1483	594	2077	1620	4001	3681	320
78	6585	38	1514	643	2157	1952	4244	3904	340
79	6916	(23)	1548	688	2236	1933	4524	4162	362
80	7509	(169)	1309	691	2000	1902	4453	4097	356
81	8386	(108)	1507	700	2207	1832	4720	4342	378
82	9342	43	1717	717	2434	1383	5814	5349	465
83	9923	141	1685	678	2363	2028	6290	5802	488
84	9487	(11)	1753	740	2493	1778	6994	6468	526
85	9704	119	1595	747	2342	2450	7005	6397	608
86	11635	35	1707	830	2537	2595	6982	6625	357
87	12593	82	1641	796	2437	2835	6666	6081	585
88	13599	65	1845	776	2621	3305	6047	5393	654
89	15246	0	2187	748	2935	2792	6176	5435	741
90	15865	0	2371	781	3152	1901	7427	6536	891
91	15874	0	2373	742	3115	2494	8048	7082	966
92	15913	0	2375	779	3154	2917	8285	7291	994
93	15931	0	2382	811	3193	3027	8451	7437	1014
94	15946	0	2382	861	3243	3058	8636	7600	1036
95	15981	0	2391	914	3305	3128	8813	7755	1058
96	16039	0	2396	947	3343	3154	9002	7922	1080
97	16140	0	2409	961	3370	3216	9156	8057	1099
98	16283	0	2430	971	3401	3250	9307	8190	1117
99	16408	0	2444	981	3425	3294	9438	8305	1133
00	16553	0	2465	988	3453	3321	9570	8422	1148
01	16709	0	2489	991	3480	3366	9684	8522	1162
02	16856	0	2513	1005	3518	3410	9792	8617	1175

¹Felony Commitments to DOC, excluding recidivists to prison (see #4).

²Net Miscellaneous Change: positive or negative "admissions". The difference between miscellaneous movements in and out of prison, including escape returns, escapes, and community service detainees.

³New Admissions to Prison: Total admissions excluding recidivists (see #4).

⁴Recidivists: Prior to FY 1985 all recidivists were defined as parole violators returned to prison. Since FY 1985 recidivists are defined as readmissions of previous DOC inmates.

⁵Inmate Work Release population: Assumed to be 12 percent of the forecast inmate population.

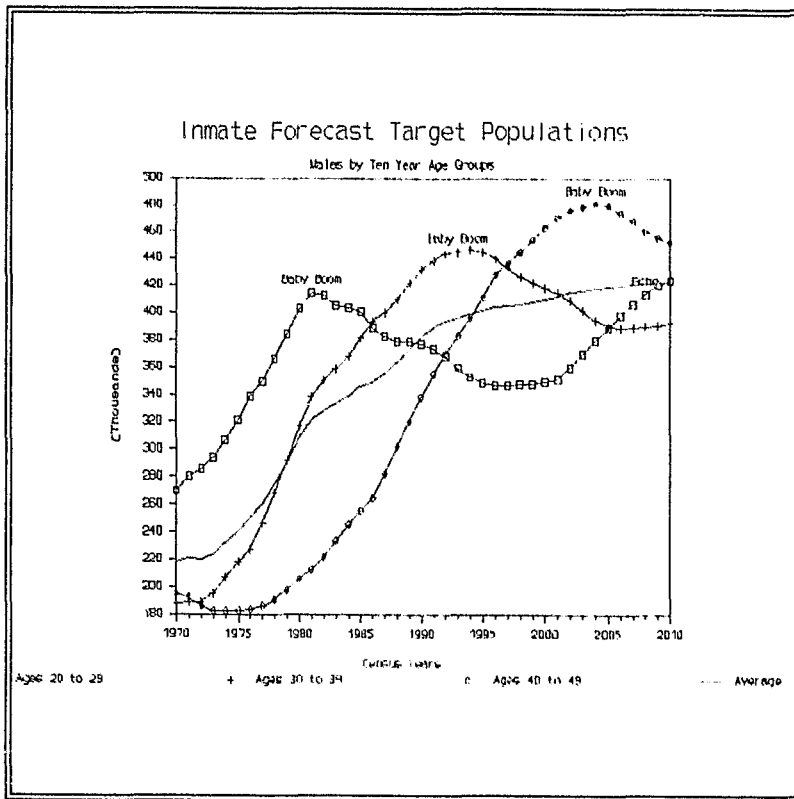


Figure 5: Inmate Forecast Target Populations

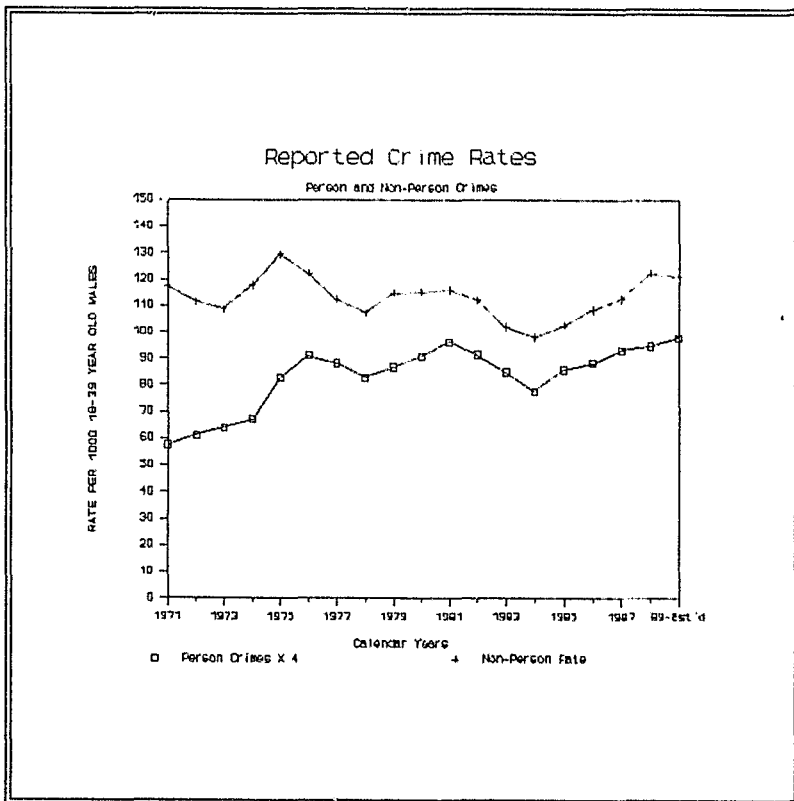


Figure 6: Reported Crime Rates, Washington UCR

Target Population

The inmate forecast is based on the population 16 to 54 years of age, for both sexes. Males between the ages of 18 and 39, however, account for 75 percent of adult felony convictions, and 80 percent of prison admissions. Consequently, the 18 to 39 year old population of males is another frequently used base for criminal justice analyses.

Crime and incarceration rates accelerated while the population of 20 to 29 year-olds was growing under pressure from the Baby Boom. This large birth cohort exhibits unusually high rates of criminality. Baby Boom offenders also tend to remain criminally active longer. So there may not be immediate relief as the baby boom ages out of what traditionally are the crime prone years.

The Baby Boom Echo will be larger than the Baby Boom. If the criminal activity of this generation is as great as its parents, prison populations could grow rapidly.

Crime

Crime volumes have increased rapidly, but crime rates, the number of crimes per unit of population, show a different pattern. The chances of a given person committing a crime are not much greater than 18 years ago, but the number of people who might commit crimes has increased.

During the early 1970s person crimes increased as the Baby Boom aged into adulthood. Both person and non-person crimes (burglary and auto theft) have increased steadily since 1983. The experience of police, courts, and corrections suggests these increases may be drug related.

Conviction Rates

Conviction rates have increased steadily during the 1980s. The evidence from crime and arrest rates indicates this is not just because people are becoming more criminal. Since 1984 the number of crimes increased 23 percent faster than the population, but the number of convictions increased 40 percent faster.

Possible causes are enhanced law enforcement, public attitudes against crime, a greater willingness to punish for crimes already on the books, and the enactment of new criminal statutes.

Convictions rates are the initial component modeled in the inmate forecast. The forecast of convictions is for a continued sharp increase through FY 1990, due mainly to expected increases in drug convictions. After FY 1990 the forecast conviction rates are essentially flat.

Judicial Decision to Imprison

Assumptions for new admissions to prison are expressed as the percentage of convicted felons who will receive prison sentences, called the Judicial Decision to Imprison (JDI).

After FY 1984, By design of the SRA, the JDI for less serious offenders fell, and the JDI for serious offenders increased. Since admissions for property and less serious offenses outnumbered those for violent and serious offenses, the total JDI dropped. Conviction volumes, however, increased during this period, so the number of admissions increased.

The forecast increase in the JDI is mainly due to expected increases in admissions for drug crimes.

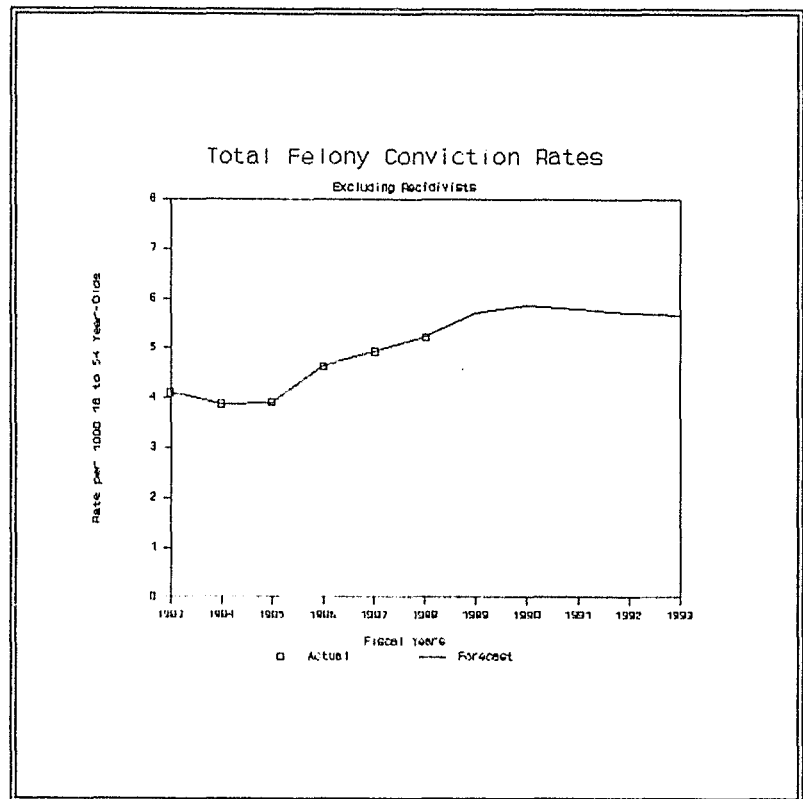


Figure 7: Total Felony Conviction Rates

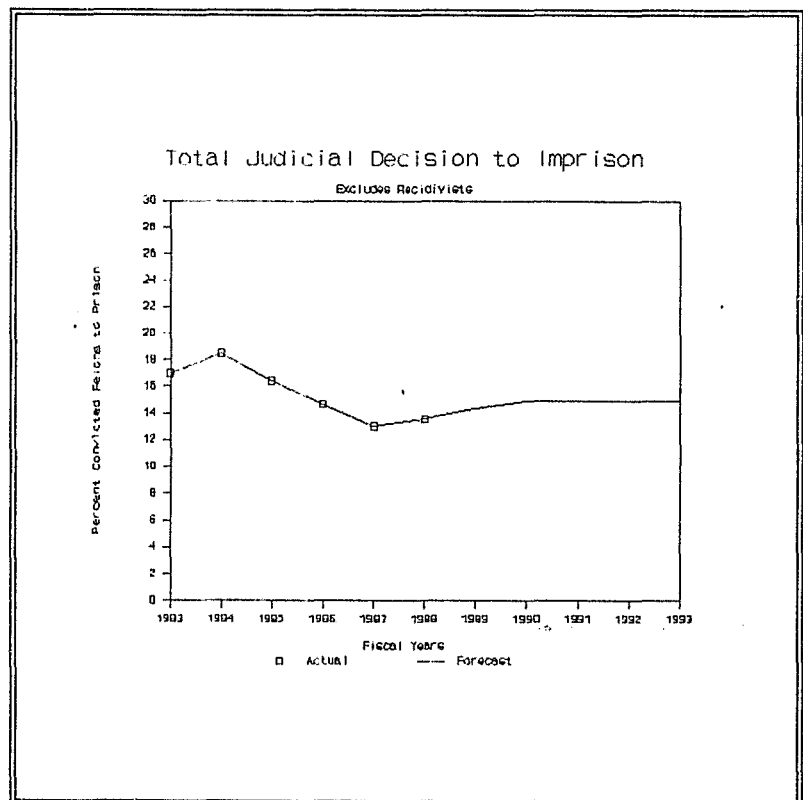


Figure 8: Total Judicial Decision to Imprison

Table 6: Historical and Forecast Convictions, Admissions and JDIs, by Crime Type

FY	Murder1			Murder2			Manslaughter			Sex Crimes			Robbery			Assault			Property			Drugs			Other			Total			Recid
	New %			New %			New %			New %			New %			New %			New %			New %			New %			New %			New %
	Con	Adm	JDI	Con	Adm	JDI	Con	Adm	JDI	Con	Adm	JDI	Con	Adm	JDI	Con	Adm	JDI	Con	Adm	JDI	Con	Adm	JDI	Con	Adm	JDI	Con	Adm	JDI	Adm
71	3	3	100	15	13	87	76	15	20	154	31	20	134	92	69	220	60	27	2351	594	25	603	102	17	214	64	30	3770	974	26	538
72	7	7	100	16	13	81	81	21	26	210	48	23	139	74	53	269	79	29	2695	564	21	1299	194	15	197	30	15	4913	1030	21	551
73	7	7	100	21	19	90	75	19	25	218	46	21	173	100	58	285	88	31	2696	497	18	1462	189	13	327	46	14	5264	1011	19	593
74	16	15	94	32	29	91	58	18	31	251	50	20	241	140	58	314	107	34	2869	531	19	1253	169	13	442	56	13	5476	1115	20	538
75	20	19	95	44	41	93	77	28	36	282	75	27	295	164	56	340	91	27	3517	590	17	1491	176	12	863	47	5	6929	1231	18	563
76	19	17	89	47	41	87	80	24	30	311	97	31	311	181	58	417	133	32	3476	698	20	1315	175	13	716	28	4	6692	1394	21	610
77	27	23	85	37	34	92	95	33	35	369	109	30	293	181	62	412	136	33	3354	744	22	1349	166	12	946	57	6	6882	1483	22	594
78	27	25	93	34	31	91	96	26	27	389	121	31	294	183	62	476	176	37	3296	723	22	1049	151	14	924	78	8	6585	1514	23	643
79	36	35	97	40	37	93	102	39	38	427	115	27	372	210	56	533	184	35	3600	737	20	969	112	12	837	79	9	6916	1548	22	688
80	26	22	85	46	45	98	130	43	33	516	126	24	379	182	48	530	148	28	3794	612	16	919	75	8	1169	56	5	7509	1309	17	691
81	22	22	100	33	28	85	157	38	24	644	195	30	381	178	47	578	167	29	4370	740	17	1077	79	7	1124	60	5	8386	1507	18	700
82	44	42	95	31	30	97	157	59	38	791	219	28	460	260	57	676	168	25	4812	780	16	1217	91	7	1154	68	6	9342	1717	18	717
83	24	24	100	33	32	97	117	46	39	845	229	27	374	190	51	550	148	27	5118	775	15	1447	96	7	1415	145	10	9923	1685	17	678
84	43	40	93	48	20	42	113	62	55	997	275	28	459	199	43	723	181	25	4779	736	15	1286	96	7	1039	144	14	9487	1753	18	740
85	45	43	96	41	24	59	93	53	57	1044	374	36	339	213	63	677	165	24	4490	592	13	1264	109	9	1711	22	1	9704	1595	16	747
86	47	45	96	45	43	96	101	76	75	1076	459	43	399	252	63	924	171	19	5876	511	9	1635	131	8	1532	19	1	11635	1707	15	830
87	50	50	100	43	43	100	83	63	76	1005	393	39	398	198	50	1014	200	20	6301	447	7	2069	243	12	1630	4	0	12593	1641	13	796
88	52	50	96	45	42	93	97	73	75	1020	435	43	406	231	57	960	180	19	6032	418	7	3258	404	12	1729	12	1	13599	1845	14	776
89	52	52	100	47	47	100	99	74	75	1087	482	44	430	256	60	1041	200	19	6376	452	7	4433	609	14	1681	15	1	15246	2187	14	748
90	53	53	100	48	48	100	100	78	78	1104	489	44	428	254	59	1057	202	19	6368	461	7	5022	771	15	1685	15	1	15865	2371	15	781
91	52	52	100	48	48	100	102	78	76	1116	492	44	425	255	60	1073	205	19	6350	459	7	5020	769	15	1688	15	1	15874	2373	15	742
92	53	53	100	49	49	100	100	76	76	1132	497	44	425	253	60	1083	205	19	6343	457	7	5033	770	15	1695	15	1	15913	2375	15	779
93	54	54	100	48	48	100	101	77	76	1146	502	44	423	251	59	1088	205	19	6329	455	7	5042	775	15	1700	15	1	15931	2382	15	811
94	55	55	100	49	49	100	102	78	76	1162	506	44	419	247	59	1091	205	19	6313	453	7	5049	775	15	1706	14	1	15946	2382	15	861
95	56	56	100	48	48	100	104	80	77	1177	510	43	419	250	60	1098	206	19	6312	451	7	5055	776	15	1712	14	1	15981	2391	15	914
96	56	56	100	50	50	100	102	78	76	1193	516	43	419	249	59	1101	205	19	6336	453	7	5061	775	15	1721	14	1	16039	2396	15	947
97	56	56	100	49	49	100	104	80	77	1206	520	43	421	250	59	1108	208	19	6388	455	7	5077	777	15	1731	14	1	16140	2409	15	961
98	56	56	100	50	50	100	105	80	76	1222	526	43	428	254	59	1117	208	19	6465	462	7	5100	780	15	1740	14	1	16283	2430	15	971
99	57	57	100	50	50	100	106	81	76	1236	531	43	431	257	60	1122	209	19	6535	466	7	5123	779	15	1748	14	1	16408	2444	15	981
00	57	57	100	51	51	100	106	81	76	1253	536	43	434	260	60	1134	212	19	6612	471	7	5148	783	15	1758	14	1	16553	2465	15	988
01	58	58	100	50	50	100	107	82	77	1268	542	43	442	264	60	1146	213	19	6689	478	7	5182	788	15	1767	14	1	16709	2489	15	991
02	60	60	100	50	50	100	108	83	77	1278	546	43	449	269	60	1154	215	19	6764	483	7	5217	793	15	1776	14	1	16856	2513	15	1005

Appendix One: Monthly Inmate Population Forecast: FY 1989-2003

MONTHLY INMATE POPULATION FORECAST FOR ALL CRIME TYPES: FISCAL YEAR 1989

MALES	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
ALL ADMISSIONS	227	230	241	233	233	234	231	228	225	232	226	234
NEW ADMITS	168	171	175	172	168	172	167	166	167	174	166	174
RECIDIVISTS	59	59	66	61	65	62	64	62	58	58	60	60
TOTAL RELEASES	273	264	287	246	252	249	251	206	189	151	141	151
EOM POPULATION	5760	5726	5680	5667	5648	5633	5613	5635	5671	5752	5837	5920
FEMALES	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
ALL ADMISSIONS	12	12	20	15	16	15	12	10	9	16	9	15
NEW ADMITS	12	12	16	14	12	14	10	9	9	16	8	15
RECIDIVISTS	0	0	4	1	4	1	2	1	0	0	1	0
TOTAL RELEASES	9	15	15	9	15	8	23	9	7	6	4	12
EOM POPULATION	230	227	232	238	239	246	235	236	238	248	253	256
TOTAL	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
ALL ADMISSIONS	239	242	261	248	249	249	243	238	234	248	235	249
NEW ADMITS	180	183	191	186	180	186	177	175	176	190	174	189
RECIDIVISTS	59	59	70	62	69	63	66	63	58	58	61	60
TOTAL RELEASES	282	279	302	255	267	257	274	215	196	157	145	163
EOM POPULATION	5990	5953	5912	5905	5887	5879	5848	5871	5909	6000	6090	6176

MONTHLY INMATE POPULATION FORECAST FOR ALL CRIME TYPES: FISCAL YEAR 1990

MALES	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
ALL ADMISSIONS	246	247	259	248	250	253	247	243	245	250	242	248
NEW ADMITS	183	185	189	185	184	186	182	181	181	188	181	187
RECIDIVISTS	63	62	70	63	66	67	65	62	64	62	61	61
TOTAL RELEASES	134	142	132	144	151	137	166	151	158	167	168	169
EOM POPULATION	6032	6137	6264	6368	6467	6583	6664	6756	6843	6926	7000	7079
FEMALES	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
ALL ADMISSIONS	13	13	21	15	17	17	15	11	10	17	9	16
NEW ADMITS	13	13	17	15	13	15	11	10	10	17	9	16
RECIDIVISTS	0	0	4	0	4	2	4	1	0	0	0	0
TOTAL RELEASES	3	4	7	10	3	4	4	7	7	8	11	14
EOM POPULATION	266	275	289	294	308	321	332	336	339	348	346	348
TOTAL	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
ALL ADMISSIONS	259	260	280	263	267	270	262	254	255	267	251	264
NEW ADMITS	196	198	206	200	197	201	193	191	191	205	190	203
RECIDIVISTS	63	62	74	63	70	69	69	63	64	62	61	61
TOTAL RELEASES	137	146	139	154	154	141	170	158	165	175	179	183
EOM POPULATION	6298	6412	6553	6662	6775	6904	6996	7092	7182	7274	7346	7427

MONTHLY INMATE POPULATION FORECAST FOR ALL CRIME TYPES: FISCAL YEAR 1991

	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
MALES												
ALL ADMISSIONS	246	246	251	245	244	249	243	239	245	249	239	246
NEW ADMITS	183	185	189	185	184	186	183	181	181	188	180	187
RECIDIVISTS	63	61	62	60	60	63	60	58	64	61	59	59
TOTAL RELEASES	171	202	182	194	192	205	197	190	208	201	197	201
EOM POPULATION	7154	7198	7267	7318	7370	7414	7460	7509	7546	7594	7636	7681
FEMALES												
ALL ADMISSIONS	14	14	21	15	15	15	13	10	13	18	9	16
NEW ADMITS	13	14	17	15	13	15	12	10	10	17	9	16
RECIDIVISTS	1	0	4	0	2	0	1	0	3	1	0	0
TOTAL RELEASES	13	9	15	11	11	10	13	14	14	16	15	13
EOM POPULATION	349	354	360	364	368	373	373	369	368	370	364	367
TOTAL												
ALL ADMISSIONS	260	260	272	260	259	264	256	249	258	267	248	262
NEW ADMITS	196	199	206	200	197	201	195	191	191	205	189	203
RECIDIVISTS	64	61	66	60	62	63	61	58	67	62	59	59
TOTAL RELEASES	184	211	197	205	203	215	210	204	222	217	212	214
EOM POPULATION	7503	7552	7627	7682	7738	7787	7833	7878	7914	7964	8000	8048

MONTHLY INMATE POPULATION FORECAST FOR ALL CRIME TYPES: FISCAL YEAR 1992

	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
MALES												
ALL ADMISSIONS	248	248	257	249	252	252	245	242	245	253	239	246
NEW ADMITS	183	185	189	185	185	186	182	181	181	189	180	187
RECIDIVISTS	65	63	68	64	67	66	63	61	64	64	59	59
TOTAL RELEASES	235	218	221	239	232	230	228	218	231	235	229	229
EOM POPULATION	7694	7724	7760	7770	7790	7812	7829	7853	7867	7885	7895	7912
FEMALES												
ALL ADMISSIONS	15	15	19	15	14	17	13	10	14	21	10	16
NEW ADMITS	13	14	17	15	13	15	12	10	10	17	10	16
RECIDIVISTS	2	1	2	0	1	2	1	0	4	4	0	0
TOTAL RELEASES	14	14	14	13	11	12	14	14	19	20	14	14
EOM POPULATION	368	369	374	376	379	384	383	379	374	375	371	373
TOTAL												
ALL ADMISSIONS	263	263	276	264	266	269	258	252	259	274	249	262
NEW ADMITS	196	199	206	200	198	201	194	191	191	206	190	203
RECIDIVISTS	67	64	70	64	68	68	64	61	68	68	59	59
TOTAL RELEASES	249	232	235	252	243	242	242	232	250	255	243	243
EOM POPULATION	8062	8093	8134	8146	8169	8196	8212	8232	8241	8260	8266	8285

MONTHLY INMATE POPULATION FORECAST FOR ALL CRIME TYPES: FISCAL YEAR 1993

MALES												
	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
ALL ADMISSIONS	250	253	257	252	249	255	246	245	252	258	245	250
NEW ADMITS	183	185	190	185	184	186	182	182	182	190	181	187
RECIDIVISTS	67	68	67	67	65	69	64	63	70	68	64	63
TOTAL RELEASES	238	235	241	244	229	238	236	235	242	250	237	232
EOM POPULATION	7924	7942	7958	7966	7986	8003	8013	8023	8033	8041	8049	8067
FEMALES												
	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
ALL ADMISSIONS	15	15	20	15	15	19	13	10	14	21	10	16
NEW ADMITS	13	14	18	15	14	16	12	10	10	17	10	16
RECIDIVISTS	2	1	2	0	1	3	1	0	4	4	0	0
TOTAL RELEASES	15	15	13	12	12	14	13	14	16	20	14	14
EOM POPULATION	373	373	380	383	386	391	391	387	385	386	382	384
TOTAL												
	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
ALL ADMISSIONS	265	268	277	267	264	274	259	255	266	279	255	266
NEW ADMITS	196	199	208	200	198	202	194	192	192	207	191	203
RECIDIVISTS	69	69	69	67	66	72	65	63	74	72	64	63
TOTAL RELEASES	253	250	254	256	241	252	249	249	258	270	251	246
EOM POPULATION	8297	8315	8338	8349	8372	8394	8404	8410	8418	8427	8431	8451

MONTHLY INMATE POPULATION FORECAST FOR ALL CRIME TYPES: FISCAL YEAR 1994

MALES												
	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
ALL ADMISSIONS	256	256	262	257	253	259	250	248	254	260	248	254
NEW ADMITS	184	185	189	186	184	186	183	180	182	189	180	187
RECIDIVISTS	72	71	73	71	69	73	67	68	72	71	68	67
TOTAL RELEASES	251	234	242	249	245	238	238	230	246	245	236	234
EOM POPULATION	8072	8094	8114	8122	8130	8151	8163	8181	8189	8204	8216	8236
FEMALES												
	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
ALL ADMISSIONS	16	15	19	15	15	19	13	11	14	22	10	17
NEW ADMITS	13	14	18	15	14	16	12	10	10	18	10	17
RECIDIVISTS	3	1	1	0	1	3	1	1	4	4	0	0
TOTAL RELEASES	15	14	13	11	12	14	12	15	15	21	14	14
EOM POPULATION	385	386	392	396	399	404	405	401	400	401	397	400
TOTAL												
	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
ALL ADMISSIONS	272	271	281	272	268	278	263	259	268	282	258	271
NEW ADMITS	197	199	207	201	198	202	195	190	192	207	190	204
RECIDIVISTS	75	72	74	71	70	76	68	69	76	75	68	67
TOTAL RELEASES	266	248	255	260	257	252	250	245	261	266	250	248
EOM POPULATION	8457	8480	8506	8518	8529	8555	8568	8582	8589	8605	8613	8636

MONTHLY INMATE POPULATION FORECAST FOR ALL CRIME TYPES: FISCAL YEAR 1995

MALES	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
ALL ADMISSIONS	258	259	263	260	260	264	257	255	262	265	252	258
NEW ADMITS	184	185	188	186	185	187	184	183	184	188	181	187
RECIDIVISTS	74	74	75	74	75	77	73	72	78	77	71	71
TOTAL RELEASES	249	249	250	248	246	243	246	236	258	252	238	242
EOM POPULATION	8245	8255	8268	8280	8294	8315	8326	8345	8349	8362	8376	8392
FEMALES	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
ALL ADMISSIONS	16	15	22	17	16	18	13	11	15	21	10	18
NEW ADMITS	13	14	18	15	14	16	12	10	11	18	10	18
RECIDIVISTS	3	1	4	2	2	2	1	1	4	3	0	0
TOTAL RELEASES	17	14	15	12	11	13	12	15	15	19	14	14
EOM POPULATION	399	400	407	412	417	422	423	419	419	421	417	421
TOTAL	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
ALL ADMISSIONS	274	274	285	277	276	282	270	266	277	286	262	276
NEW ADMITS	197	199	206	201	199	203	196	193	195	206	191	205
RECIDIVISTS	77	75	79	76	77	79	74	73	82	80	71	71
TOTAL RELEASES	266	263	265	260	257	256	258	251	273	271	252	256
EOM POPULATION	8644	8655	8675	8692	8711	8737	8749	8764	8768	8783	8793	8813

MONTHLY INMATE POPULATION FORECAST FOR ALL CRIME TYPES: FISCAL YEAR 1996

MALES	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
ALL ADMISSIONS	261	261	270	261	263	264	261	256	263	266	257	264
NEW ADMITS	185	185	190	185	185	186	185	182	183	189	181	188
RECIDIVISTS	76	76	80	76	78	78	76	74	80	77	76	76
TOTAL RELEASES	255	251	239	251	248	250	247	240	251	255	245	245
EOM POPULATION	8398	8408	8439	8449	8464	8478	8492	8508	8520	8531	8543	8562
FEMALES	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
ALL ADMISSIONS	17	16	21	16	16	20	14	11	15	22	11	18
NEW ADMITS	14	14	18	15	14	17	13	10	11	18	10	18
RECIDIVISTS	3	2	3	1	2	3	1	1	4	4	1	0
TOTAL RELEASES	17	16	16	11	14	13	13	15	15	20	14	14
EOM POPULATION	421	421	426	431	433	440	441	437	437	439	436	440
TOTAL	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
ALL ADMISSIONS	278	277	291	277	279	284	275	267	278	288	268	282
NEW ADMITS	199	199	208	200	199	203	198	192	194	207	191	206
RECIDIVISTS	79	78	83	77	80	81	77	75	84	81	77	76
TOTAL RELEASES	272	267	255	262	262	263	260	255	266	275	259	259
EOM POPULATION	8819	8829	8865	8880	8897	8918	8933	8945	8957	8970	8979	9002

MONTHLY INMATE POPULATION FORECAST FOR ALL CRIME TYPES: FISCAL YEAR 1997

MALES	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
ALL ADMISSIONS	263	262	272	263	265	267	262	260	265	270	258	264
NEW ADMITS	185	186	191	186	186	188	184	183	184	190	182	189
RECIDIVISTS	78	76	81	77	79	79	78	77	81	80	76	75
TOTAL RELEASES	263	255	242	255	254	255	253	244	260	256	254	244
EOM POPULATION	8562	8569	8599	8607	8618	8630	8639	8655	8660	8674	8678	8698
FEMALES	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
ALL ADMISSIONS	18	15	21	17	16	18	15	11	16	22	11	19
NEW ADMITS	14	14	18	16	14	17	13	11	12	18	10	18
RECIDIVISTS	4	1	3	1	2	1	2	0	4	4	1	1
TOTAL RELEASES	19	14	14	14	15	11	15	14	17	20	14	14
EOM POPULATION	439	440	447	450	451	458	458	455	454	456	453	458
TOTAL	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
ALL ADMISSIONS	281	277	293	280	281	285	277	271	281	292	269	283
NEW ADMITS	199	200	209	202	200	205	197	194	196	208	192	207
RECIDIVISTS	82	77	84	78	81	80	80	77	85	84	77	76
TOTAL RELEASES	282	269	256	269	269	266	268	258	277	276	268	258
EOM POPULATION	9001	9009	9046	9057	9069	9088	9097	9110	9114	9130	9131	9156

MONTHLY INMATE POPULATION FORECAST FOR ALL CRIME TYPES: FISCAL YEAR 1998

MALES	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
ALL ADMISSIONS	267	267	275	268	267	271	264	260	266	271	260	264
NEW ADMITS	187	188	193	188	187	189	187	184	185	191	184	190
RECIDIVISTS	80	79	82	80	80	82	77	76	81	80	76	74
TOTAL RELEASES	261	255	251	261	253	258	249	250	258	261	251	254
EOM POPULATION	8704	8716	8740	8747	8761	8774	8789	8799	8807	8817	8826	8836
FEMALES	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
ALL ADMISSIONS	18	16	20	17	15	19	15	12	17	22	11	19
NEW ADMITS	14	15	18	16	14	17	14	11	12	18	10	18
RECIDIVISTS	4	1	2	1	1	2	1	1	5	4	1	1
TOTAL RELEASES	19	13	15	13	17	12	16	16	19	19	15	14
EOM POPULATION	457	460	465	469	467	474	473	469	467	470	466	471
TOTAL	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
ALL ADMISSIONS	285	283	295	285	282	290	279	272	283	293	271	283
NEW ADMITS	201	203	211	204	201	206	201	195	197	209	194	208
RECIDIVISTS	84	80	84	81	81	84	78	77	86	84	77	75
TOTAL RELEASES	280	268	266	274	270	270	265	266	277	280	266	268
EOM POPULATION	9161	9176	9205	9216	9228	9248	9262	9268	9274	9287	9292	9307

MONTHLY INMATE POPULATION FORECAST FOR ALL CRIME TYPES: FISCAL YEAR 1999

	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
MALES												
ALL ADMISSIONS	269	268	277	269	266	273	265	262	268	274	263	268
NEW ADMITS	187	189	194	190	187	191	187	186	186	192	185	191
RECIDIVISTS	82	79	83	79	79	82	78	76	82	82	78	77
TOTAL RELEASES	260	256	250	266	257	264	256	253	261	263	261	254
EOM POPULATION	8845	8857	8884	8887	8896	8905	8914	8923	8930	8941	8943	8957
FEMALES												
ALL ADMISSIONS	18	16	19	17	16	20	15	12	17	23	11	19
NEW ADMITS	14	15	18	16	15	18	14	11	12	18	10	18
RECIDIVISTS	4	1	1	1	1	2	1	1	5	5	1	1
TOTAL RELEASES	20	15	16	13	17	12	18	16	19	18	16	13
EOM POPULATION	469	470	473	477	476	484	481	477	475	480	475	481
TOTAL												
ALL ADMISSIONS	287	284	296	286	282	293	280	274	285	297	274	287
NEW ADMITS	201	204	212	206	202	209	201	197	198	210	195	209
RECIDIVISTS	86	80	84	80	80	84	79	77	87	87	79	78
TOTAL RELEASES	280	271	266	279	274	276	274	269	280	281	277	267
EOM POPULATION	9314	9327	9357	9364	9372	9389	9395	9400	9405	9421	9418	9438

MONTHLY INMATE POPULATION FORECAST FOR ALL CRIME TYPES: FISCAL YEAR 2000

	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
MALES												
ALL ADMISSIONS	272	272	276	272	271	276	267	264	271	276	262	269
NEW ADMITS	189	191	194	192	190	193	189	187	188	194	185	193
RECIDIVISTS	83	81	82	80	81	83	78	77	83	82	77	76
TOTAL RELEASES	266	260	260	264	259	264	258	249	263	271	255	257
EOM POPULATION	8963	8975	8991	8999	9011	9023	9032	9047	9055	9060	9067	9079
FEMALES												
ALL ADMISSIONS	19	16	20	17	16	20	15	12	17	23	11	19
NEW ADMITS	15	15	18	16	15	18	14	11	12	18	10	18
RECIDIVISTS	4	1	2	1	1	2	1	1	5	5	1	1
TOTAL RELEASES	20	14	18	13	17	12	17	15	19	19	17	14
EOM POPULATION	480	482	484	488	487	495	493	490	488	492	486	491
TOTAL												
ALL ADMISSIONS	291	288	296	289	287	296	282	276	288	299	273	288
NEW ADMITS	204	206	212	208	205	211	203	198	200	212	195	211
RECIDIVISTS	87	82	84	81	82	85	79	78	88	87	78	77
TOTAL RELEASES	286	274	278	277	276	276	275	264	282	290	272	271
EOM POPULATION	9443	9457	9475	9487	9498	9518	9525	9537	9543	9552	9553	9570

MONTHLY INMATE POPULATION FORECAST FOR ALL CRIME TYPES: FISCAL YEAR 2001

MALES	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
ALL ADMISSIONS	275	273	278	275	269	277	268	267	274	278	267	271
NEW ADMITS	191	192	195	194	191	194	191	190	190	195	189	194
RECIDIVISTS	84	81	83	81	78	83	77	77	84	83	78	77
TOTAL RELEASES	269	265	261	262	268	261	263	261	264	272	259	266
EOM POPULATION	9085	9093	9110	9123	9124	9140	9145	9151	9161	9167	9175	9180
FEMALES	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
ALL ADMISSIONS	19	16	20	17	16	20	16	12	18	23	12	19
NEW ADMITS	15	15	18	16	15	18	15	11	13	18	11	18
RECIDIVISTS	4	1	2	1	1	2	1	1	5	5	1	1
TOTAL RELEASES	19	15	17	13	16	13	16	16	18	21	17	14
EOM POPULATION	491	492	495	499	499	506	506	502	502	504	499	504
TOTAL	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
ALL ADMISSIONS	294	289	298	292	285	297	284	279	292	301	279	290
NEW ADMITS	206	207	213	210	206	212	206	201	203	213	200	212
RECIDIVISTS	88	82	85	82	79	85	78	78	89	88	79	78
TOTAL RELEASES	288	280	278	275	284	274	279	277	282	293	276	280
EOM POPULATION	9576	9585	9605	9622	9623	9646	9651	9653	9663	9671	9674	9684

MONTHLY INMATE POPULATION FORECAST FOR ALL CRIME TYPES: FISCAL YEAR 2002

MALES	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
ALL ADMISSIONS	278	276	283	279	276	282	271	267	273	281	268	275
NEW ADMITS	193	194	199	196	194	197	192	190	190	198	190	197
RECIDIVISTS	85	82	84	83	82	85	79	77	83	83	78	78
TOTAL RELEASES	275	266	261	270	266	266	268	264	263	276	265	270
EOM POPULATION	9183	9193	9215	9224	9234	9250	9253	9256	9266	9271	9274	9279
FEMALES	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
ALL ADMISSIONS	20	16	20	17	16	20	16	12	18	23	12	19
NEW ADMITS	15	15	18	16	15	18	15	11	13	18	11	18
RECIDIVISTS	5	1	2	1	1	2	1	1	5	5	1	1
TOTAL RELEASES	20	15	18	13	16	13	18	16	19	21	16	15
EOM POPULATION	504	505	507	511	511	518	516	512	511	513	509	513
TOTAL	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
ALL ADMISSIONS	298	292	303	296	292	302	287	279	291	304	280	294
NEW ADMITS	208	209	217	212	209	215	207	201	203	216	201	215
RECIDIVISTS	90	83	86	84	83	87	80	78	88	88	79	79
TOTAL RELEASES	295	281	279	283	282	279	286	280	282	297	281	285
EOM POPULATION	9687	9698	9722	9735	9745	9768	9769	9768	9777	9784	9783	9792

MONTHLY INMATE POPULATION FORECAST FOR ALL CRIME TYPES: FISCAL YEAR 2003

	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
MALES												
ALL ADMISSIONS	279	278	285	279	280	284	275	272	276	283	271	0
NEW ADMITS	195	197	199	198	196	198	194	192	192	199	192	0
RECIDIVISTS	84	81	86	81	84	86	81	80	84	84	79	0
TOTAL RELEASES	273	272	258	280	268	268	273	267	267	277	268	274
EOM POPULATION	9285	9291	9318	9317	9329	9345	9347	9352	9361	9367	9370	9372
FEMALES												
ALL ADMISSIONS	20	16	20	17	16	20	16	12	19	23	12	0
NEW ADMITS	15	15	18	16	15	18	15	11	14	18	11	0
RECIDIVISTS	5	1	2	1	1	2	1	1	5	5	1	0
TOTAL RELEASES	19	16	16	14	17	14	16	17	18	22	16	15
EOM POPULATION	514	514	518	521	520	526	526	521	522	523	519	523
TOTAL												
ALL ADMISSIONS	299	294	305	296	296	304	291	284	295	306	283	0
NEW ADMITS	210	212	217	214	211	216	209	203	206	217	203	0
RECIDIVISTS	89	82	88	82	85	88	82	81	89	89	80	0
TOTAL RELEASES	292	288	274	294	285	282	289	284	285	299	284	289
EOM POPULATION	9799	9805	9836	9838	9849	9871	9873	9873	9883	9890	9889	9895

Appendix Two: Conviction Rates and JDI Percentages

Table 7: Male Conviction Rates

FY	Murd1	Murd2	Mansl	Sex	Rob	Aslt	Prop	Drug	Other	Total
71	0.003	0.012	0.073	0.171	0.147	0.231	2.385	0.587	0.214	3.824
72	0.006	0.013	0.078	0.232	0.141	0.278	2.631	1.241	0.183	4.804
73	0.007	0.021	0.068	0.239	0.182	0.293	2.539	1.343	0.308	5.000
74	0.016	0.032	0.051	0.265	0.250	0.315	2.584	1.137	0.420	5.071
75	0.019	0.038	0.071	0.290	0.284	0.330	3.144	1.285	0.751	6.212
76	0.019	0.040	0.074	0.310	0.294	0.385	3.019	1.102	0.609	5.853
77	0.024	0.033	0.074	0.356	0.260	0.373	2.742	1.055	0.802	5.720
78	0.024	0.028	0.082	0.356	0.251	0.410	2.634	0.803	0.758	5.345
79	0.029	0.033	0.079	0.378	0.302	0.444	2.688	0.682	0.657	5.293
80	0.020	0.035	0.094	0.431	0.308	0.425	2.743	0.637	0.877	5.570
81	0.016	0.026	0.119	0.521	0.294	0.436	3.130	0.707	0.839	6.089
82	0.034	0.023	0.112	0.641	0.347	0.525	3.332	0.809	0.851	6.673
83	0.019	0.027	0.082	0.679	0.283	0.413	3.475	0.967	1.033	6.978
84	0.032	0.030	0.082	0.791	0.344	0.535	3.279	0.844	0.752	6.689
85	0.030	0.025	0.068	0.808	0.254	0.494	2.863	0.808	1.280	6.632
86	0.034	0.033	0.066	0.822	0.294	0.663	3.794	1.026	1.068	7.800
87	0.037	0.031	0.058	0.747	0.270	0.711	4.020	1.290	1.123	8.287
88	0.036	0.030	0.064	0.753	0.276	0.644	3.690	2.022	1.147	8.661
89	0.036	0.031	0.064	0.773	0.288	0.683	3.786	2.708	1.108	9.477
90	0.036	0.031	0.063	0.772	0.281	0.682	3.704	3.021	1.090	9.681
91	0.035	0.031	0.063	0.769	0.274	0.683	3.629	2.971	1.075	9.530
92	0.035	0.031	0.061	0.770	0.271	0.680	3.565	2.933	1.065	9.411
93	0.035	0.030	0.061	0.770	0.265	0.674	3.498	2.894	1.052	9.278
94	0.035	0.030	0.061	0.770	0.259	0.666	3.431	2.853	1.042	9.146
95	0.035	0.029	0.061	0.770	0.255	0.661	3.374	2.813	1.031	9.029
96	0.035	0.030	0.059	0.769	0.251	0.652	3.329	2.768	1.020	8.914
97	0.034	0.029	0.059	0.767	0.248	0.646	3.305	2.732	1.010	8.831
98	0.034	0.029	0.059	0.768	0.249	0.644	3.305	2.707	1.003	8.797
99	0.034	0.029	0.059	0.768	0.248	0.639	3.302	2.684	0.995	8.757
00	0.034	0.029	0.058	0.769	0.247	0.638	3.304	2.663	0.989	8.730
01	0.034	0.028	0.058	0.769	0.249	0.637	3.303	2.646	0.981	8.705
02	0.035	0.028	0.058	0.770	0.252	0.637	3.323	2.647	0.980	8.730

Table 8: Male Judicial Decision to Imprison

FY	Murd1	Murd2	Mansl	Sex	Rob	Aslt	Prop	Drug	Other	Total
71	100.0	100.0	20.0	20.3	68.7	27.7	26.1	18.7	30.4	26.9
72	100.0	100.0	30.0	22.7	52.4	30.9	22.0	15.0	17.1	21.9
73	100.0	89.5	21.0	20.7	59.4	31.2	20.1	13.8	15.1	20.6
74	100.0	90.0	35.4	19.4	59.8	34.2	20.4	13.5	14.0	21.9
75	100.0	94.6	36.8	26.9	57.5	27.0	18.4	12.7	6.2	19.3
76	89.5	90.0	31.5	30.8	58.9	31.9	21.3	14.0	4.3	22.1
77	84.0	91.2	34.2	29.9	62.5	35.1	23.9	13.5	6.6	23.2
78	92.3	93.3	29.5	31.5	63.6	37.4	23.7	14.9	9.1	24.5
79	97.0	97.3	38.2	26.8	57.9	35.0	22.6	10.7	9.7	24.0
80	82.6	97.6	34.2	24.8	47.7	27.9	17.7	8.7	5.1	18.7
81	100.0	87.5	24.8	30.5	47.3	28.9	18.2	7.9	5.3	19.1
82	95.2	96.4	38.7	27.7	56.9	25.2	18.0	7.5	6.1	19.7
83	100.0	97.0	39.6	27.1	51.9	27.9	17.0	6.8	10.4	18.5
84	92.5	54.1	55.9	27.5	44.3	26.6	16.8	8.1	14.8	20.0
85	94.7	68.8	58.1	36.0	64.9	24.6	14.9	9.1	1.4	17.8
86	97.7	95.2	66.7	43.4	63.6	19.4	9.8	8.8	1.4	16.1
87	100.0	100.0	76.3	39.4	49.6	20.4	7.8	12.6	0.3	14.1
88	95.8	97.5	76.5	42.9	59.1	20.0	8.0	13.7	0.8	15.1
89	100.0	100.0	74.7	45.0	60.2	20.0	8.2	14.9	1.0	15.8
90	100.0	100.0	78.4	44.9	60.0	19.9	8.4	16.7	1.0	16.5
91	100.0	100.0	77.5	44.7	60.6	19.9	8.4	16.7	1.0	16.5
92	100.0	100.0	77.0	44.5	60.1	19.7	8.4	16.7	1.0	16.5
93	100.0	100.0	77.3	44.4	60.1	19.6	8.4	16.8	1.0	16.5
94	100.0	100.0	77.5	44.2	59.6	19.5	8.4	16.8	0.9	16.6
95	100.0	100.0	78.0	44.0	60.3	19.5	8.4	16.8	0.9	16.6
96	100.0	100.0	77.5	43.8	60.1	19.4	8.4	16.8	0.9	16.6
97	100.0	100.0	77.8	43.7	59.9	19.6	8.4	16.8	0.9	16.6
98	100.0	100.0	76.9	43.6	60.0	19.4	8.4	16.8	0.9	16.6
99	100.0	100.0	77.2	43.5	60.3	19.3	8.4	16.7	0.9	16.6
00	100.0	100.0	77.2	43.4	60.6	19.4	8.4	16.7	0.9	16.6
01	100.0	100.0	77.4	43.3	60.3	19.3	8.4	16.7	0.9	16.6
02	100.0	100.0	77.7	43.3	60.5	19.4	8.4	16.7	0.9	16.6

Table 9: Female Conviction Rates

FY	Murd1	Murd2	Mansl	Sex	Rob	Aslt	Prop	Drug	Other	Total
71	0.000	0.005	0.012	0.001	0.003	0.016	0.250	0.089	0.026	0.402
72	0.002	0.004	0.012	0.003	0.015	0.022	0.385	0.212	0.036	0.692
73	0.001	0.002	0.014	0.001	0.009	0.021	0.437	0.271	0.053	0.810
74	0.001	0.002	0.011	0.003	0.008	0.020	0.485	0.203	0.053	0.786
75	0.002	0.007	0.009	0.003	0.023	0.023	0.515	0.267	0.147	0.997
76	0.000	0.007	0.007	0.003	0.019	0.036	0.489	0.225	0.113	0.900
77	0.002	0.003	0.019	0.004	0.026	0.030	0.538	0.265	0.123	1.009
78	0.001	0.004	0.008	0.008	0.024	0.035	0.450	0.180	0.107	0.816
79	0.003	0.003	0.012	0.002	0.029	0.030	0.523	0.183	0.088	0.873
80	0.003	0.004	0.017	0.007	0.014	0.025	0.490	0.147	0.118	0.824
81	0.003	0.001	0.010	0.009	0.020	0.041	0.484	0.186	0.089	0.843
82	0.002	0.003	0.017	0.004	0.030	0.027	0.613	0.190	0.093	0.978
83	0.001	0.000	0.014	0.007	0.021	0.035	0.706	0.215	0.120	1.118
84	0.003	0.009	0.009	0.010	0.025	0.048	0.580	0.196	0.085	0.965
85	0.006	0.007	0.006	0.017	0.014	0.043	0.714	0.199	0.075	1.081
86	0.003	0.002	0.014	0.021	0.019	0.063	0.841	0.265	0.136	1.364
87	0.002	0.002	0.006	0.026	0.038	0.071	0.855	0.312	0.134	1.444
88	0.003	0.004	0.009	0.014	0.031	0.081	0.881	0.445	0.159	1.627
89	0.002	0.004	0.009	0.025	0.029	0.085	0.936	0.571	0.132	1.794
90	0.002	0.004	0.009	0.025	0.029	0.084	0.931	0.629	0.131	1.845
91	0.002	0.004	0.010	0.025	0.029	0.084	0.930	0.628	0.131	1.842
92	0.002	0.004	0.010	0.025	0.029	0.084	0.930	0.628	0.131	1.842
93	0.003	0.004	0.009	0.025	0.029	0.084	0.929	0.628	0.131	1.842
94	0.003	0.004	0.009	0.025	0.029	0.084	0.929	0.628	0.131	1.842
95	0.003	0.004	0.009	0.025	0.029	0.084	0.929	0.628	0.131	1.841
96	0.003	0.003	0.009	0.025	0.029	0.084	0.930	0.628	0.131	1.842
97	0.003	0.003	0.010	0.025	0.029	0.084	0.929	0.628	0.131	1.842
98	0.003	0.003	0.010	0.025	0.029	0.084	0.930	0.628	0.131	1.843
99	0.003	0.003	0.009	0.025	0.029	0.084	0.930	0.628	0.131	1.842
00	0.003	0.003	0.009	0.025	0.029	0.084	0.930	0.628	0.131	1.842
01	0.003	0.003	0.009	0.025	0.029	0.084	0.930	0.628	0.131	1.842
02	0.003	0.003	0.009	0.025	0.029	0.084	0.930	0.628	0.131	1.842

Table 10: Female Judicial Decision to Imprison

FY	Murd1	Murd2	Mansl	Sex	Rob	Aslt	Prop	Drug	Other	Total
71	--	50.0	18.2	0.0	66.7	21.4	17.1	5.1	26.1	16.0
72	100.0	25.0	0.0	33.3	61.5	10.0	13.4	14.8	6.3	14.6
73	100.0	100.0	46.2	100.0	25.0	26.3	8.9	8.6	8.3	10.5
74	0.0	100.0	10.0	66.7	0.0	31.6	8.2	13.2	2.0	10.1
75	50.0	85.7	33.3	0.0	31.8	22.7	6.5	7.5	1.4	7.9
76	--	71.4	14.3	66.7	47.4	31.4	12.3	10.0	1.8	12.6
77	100.0	100.0	36.8	0.0	53.8	6.7	13.3	7.5	2.4	12.1
78	100.0	75.0	0.0	12.5	48.0	32.4	11.4	12.2	3.6	12.8
79	100.0	33.3	38.5	50.0	40.6	27.3	9.1	14.9	7.2	12.6
80	100.0	100.0	26.3	0.0	56.3	27.6	7.1	6.0	2.2	8.8
81	100.0	0.0	16.7	18.2	37.5	29.2	8.6	5.0	5.7	9.7
82	100.0	100.0	30.0	20.0	51.4	18.8	6.1	7.6	3.6	8.7
83	100.0	--	37.5	25.0	36.0	14.6	5.4	5.9	9.2	7.3
84	100.0	0.0	45.5	33.3	30.0	7.0	7.1	4.7	4.9	7.8
85	100.0	22.2	42.9	28.6	23.5	21.2	5.9	6.6	0.0	7.6
86	75.0	100.0	58.8	11.5	56.5	9.1	3.4	4.9	0.0	5.4
87	100.0	100.0	71.4	31.3	51.1	12.5	3.5	8.0	0.0	6.8
88	100.0	60.0	66.7	27.8	35.9	8.7	2.4	6.4	0.0	5.1
89	100.0	100.0	75.0	24.2	52.6	12.7	2.4	8.0	0.0	6.3
90	100.0	100.0	75.0	24.2	52.6	12.6	2.4	8.5	0.0	6.5
91	100.0	100.0	69.2	23.5	53.8	12.5	2.4	8.5	0.0	6.5
92	100.0	100.0	69.2	23.5	53.8	12.3	2.4	8.5	0.0	6.5
93	100.0	100.0	69.2	23.5	52.5	12.2	2.4	8.5	0.0	6.5
94	100.0	100.0	69.2	22.9	52.5	12.8	2.4	8.5	0.0	6.5
95	100.0	100.0	69.2	22.9	53.7	12.7	2.4	8.5	0.0	6.5
96	100.0	100.0	69.2	25.0	53.7	12.5	2.4	8.5	0.0	6.5
97	100.0	100.0	71.4	25.0	54.8	12.3	2.4	8.5	0.0	6.6
98	100.0	100.0	71.4	24.3	53.5	12.2	2.4	8.5	0.0	6.6
99	100.0	100.0	71.4	24.3	53.5	12.9	2.4	8.5	0.0	6.6
00	100.0	100.0	71.4	23.7	53.5	12.7	2.4	8.5	0.0	6.5
01	100.0	100.0	71.4	23.7	54.5	12.6	2.4	8.5	0.0	6.6
02	100.0	100.0	71.4	23.7	54.5	12.5	2.4	8.5	0.0	6.5

Appendix Three: Forecast Assumptions

<u>Sex</u>	<u>Crime</u>	<u>Variable</u>	<u>Forecast Rate(s)--Rationale</u>
Male	Murder1	ConvRate	0.0373, hold constant--Select rate so murder convictions for 1989 are equal to 50, the apparent system upper limit.
Male	Murder1	JDI	100%, hold constant--Statutory.
Male	Murder2	ConvRate	0.032, hold constant--Unchanged from FY 1988.
Male	Murder2	JDI	100%, hold constant--Statutory.
Male	Mansl.	ConvRate	0.065, hold constant--Unchanged from FY 1988.
Male	Mansl.	JDI	75%, hold constant--Has been constant for two years at 75 to 76%.
Male	SexCrime	ConvRate	0.787, hold constant--Midway between FY 1988 forecast and actual, anticipated mild increase.
Male	SexCrime	JDI	45%, hold constant--Rate expected for FY 1991, as SOSSA alternates were depleted. This apparently occurred early.
Male	Robbery	ConvRate	0.293, hold constant--Unchanged form FY 1988.
Male	Robbery	JDI	60.3%, hold constant--Unchanged from FY 1988.
Male	Assault	ConvRate	FY 89 - 0.695, FY 90 - 0.698, FY 91 - 0.701, hold constant--Unchanged form FY 1988.
Male	Assault	JDI	20.0%, hold constant--Unchanged from FY 1988.
Male	Property	ConvRate	3.712, hold constant--Last actual; had expected dramatic increases due to drug-related crimes. These increases were instead picked up as drug crimes.
Male	Property	JDI	FY 89 - 8.2%, FY 90 - 8.4%, hold constant--Reflects recent history.
Male	Drug	ConvRate	FY 89 - 2.754, FY 90 - 3.092, hold constant--Rate to reflect increases of 1000 and 500 convictions for FY 89 and 90, respectively. Probable upper limit of system cababilities.
Male	Drug	JDI	FY 89 - 14.9%, FY 90 - 16.7%, hold constant--1.2% and 1.8% increases in FY 89 and FY 90, respectively. Anticipated increases, mitigated by probable system capability limits.
Male	Other	ConvRate	1.127, hold constant--Unchanged from FY 1988.
Male	Other	JDI	1.0%, hold constant--Unchanged from FY 1988.
Fem	Murder1	ConvRate	0.003, hold constant--Unchanged from FY 1988.
Fem	Murder1	JDI	100.0% hold constant--Statutory.
Fem	Murder2	ConvRate	0.004, hold constant--Unchanged from FY 1988.
Fem	Murder2	JDI	100.0% hold constant--Statutory.
Fem	Mansl.	ConvRate	0.010, hold constant--Same as FY 1988.
Fem	Mansl.	JDI	71.4%, Hold constant--Same as FY 1988.
Fem	SexCrime	ConvRate	0.026, hold constant--Set a peak of recent increase (FY 1987).
Fem	SexCrime	JDI	24.0% hold constant--Unchanged from FY 1988.

<u>Sex</u>	<u>Crime</u>	<u>Variable</u>	<u>Forecast Rate(s)--Rationale</u>
Fem	Robbery	ConvRate	0.030, hold constant--Unchanged from FY 1988.
Fem	Robbery	JDI	53.6% hold constant--Unchanged from FY 1988.
Fem	Assault	ConvRate	0.086, hold constant--Continue three year increasing trend.
Fem	Assault	JDI	12.5%, hold constant--Lower to approximate mean of last four years.
Fem	Property	ConvRate	0.95, hold constant--Increase as expected in FY 1988 assumptions, but 0.05 less in anticipation of more Property being picked up under Drug.
Fem	Property	JDI	2.4%, hold constant--Last actual.
Fem	Drug	ConvRate	FY 89 - 0.580, FY 90 - 0.642, hold constant--Rate to reflect increases of 177 and 89 convictions for FY 89 and 90, respectively. Probable upper limit of system capabilities.
Fem	Drug	JDI	FY 89 - 8.0%, FY 90 - 8.5%, hold constant--Increases anticipated in FY 1988, mitigated by probable system capability limits.
Fem	Other	ConvRate	0.134, hold constant--Unchanged from FY 1988.
Fem	Other	JDI	0.0%, hold constant--Unchanged from FY 1988.