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## DOC FORECAST MONITORING REPORT 1st Quarter, 1992

This report monitors the DOC forecast from December 31, 1990, to March 31, 1992. It describes the total population and the detained (pre-trial), jail (sentences one year and less), and prison (sentences greater than one year) subpopulations.

The tables contain the actual and forecasted admissions and population, the difference, and the difference expressed as a percent of the actual. (Read, "The actual figure was X percent higher (lower) than the forecast figure.")

**1. TOTAL POPULATION AND ADMISSIONS:** Admissions for the first quarter, 1992, were 3,521, or 233 (7.1 %) above the forecasted 3,288. The population at the end of the quarter was 3,969, or 139 (3.6 %) above the forecasted 3,830. There were two crimes in which the combination of admissions and population were outside the normal variation for the "total" forecast. Drug admissions were 139 (34.4%) above forecast, population was 78 (10.5%) above forecast. Violation of probation admissions were 99 (46.9%) above forecast, population was 175 (65.3%) above forecast.

**2. DETENTION:** Admissions for the quarter were 2,218, or 6 (0.3%) higher than the forecasted 2,212. The population at the end of the quarter was 660, or 70 (9.6%) lower than the forecasted 730. The average length of stay (LOS) for the quarter was 29.1 days, or 1.0 percent shorter than the 29.4 day average for the 24 month period 1989 through 1990. There was one crime in which the combination of admissions and population was outside the normal variation for the detained forecast. Capias/contempt admissions were 106 (15.8) above forecast, population was 26 (27.1%) above forecast. Drug admissions were 93 (34.1%) above forecast, the population was 7 (5.1%) below forecast. This indicates that the LOS for drug offenders has gotten shorter.

**3. JAIL:** Admissions for the quarter were 1011, or 160 (18.8%) higher than the forecasted 851. The population at the end of the quarter was 812, or 59 (7.8%) above the forecasted 753. The average sentence length was 120.6 days, down 3.8 percent from the 125.4 day average for

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1989—90. The LOS was 87.2 days, up 8.7 percent from 80.2 days. There was one crime in which the combination of admissions and population was outside the normal variation for the jail forecast. Violation of probation admissions were 81 (66.4%) above forecast, population was 92 (76.7) above forecast.

4. PRISON: Admissions for the quarter were 292, or 67 (29.8%) higher than the forecasted 225. The population at the end of the quarter was 2,497 persons or 150 (6.4%) above the forecasted 2,347. The new sentence length for crimes other than LIFE was 48.0 months, down 11.3 percent from the historic 54.1 months. A reduction of sentences under Truth In Sentencing was expected. The LOS of persons released (again, not considering Lifers) was 27.4 months, down 1.4 percent, from 27.8 months. This consistency coupled with the average time served indicates pre Truth In Sentencing cases. There were two crimes in which the combination of admissions and population were outside the normal variation for the prison forecast. Violation of probation admissions were 39 (205.3%) above forecast, population was 95 (85.6%) above forecast. Drug admissions were 20 (27.0%) above forecast, population was 81 (15.6%) above forecast.

5. CRIME AND ADMISSIONS: Figure 5 compares reported crime with total DOC admissions. The purpose of this figure is to compare rates of change so a "log scale" is used. The Uniform Crime Report (UCR) definition of violent crime is the total of homicide, rape, robbery, and aggravated assault known to the police. Part 1 crime consists of violent crime plus property crimes (burglary, theft, motor vehicle theft, and arson).

It is logical that DOC admissions have a strong correlation with violent crime. But the relationship is not that simple. The admissions are not limited to violent crime; they include large numbers of capias/contempt, DUI, violation of probation, and other non-violent crimes. The relationship with violent crime is that of an indicator of social problems and attitudes that result in admissions to DOC.

# Fig 1: Total Population & Admissions Actual and Forecast

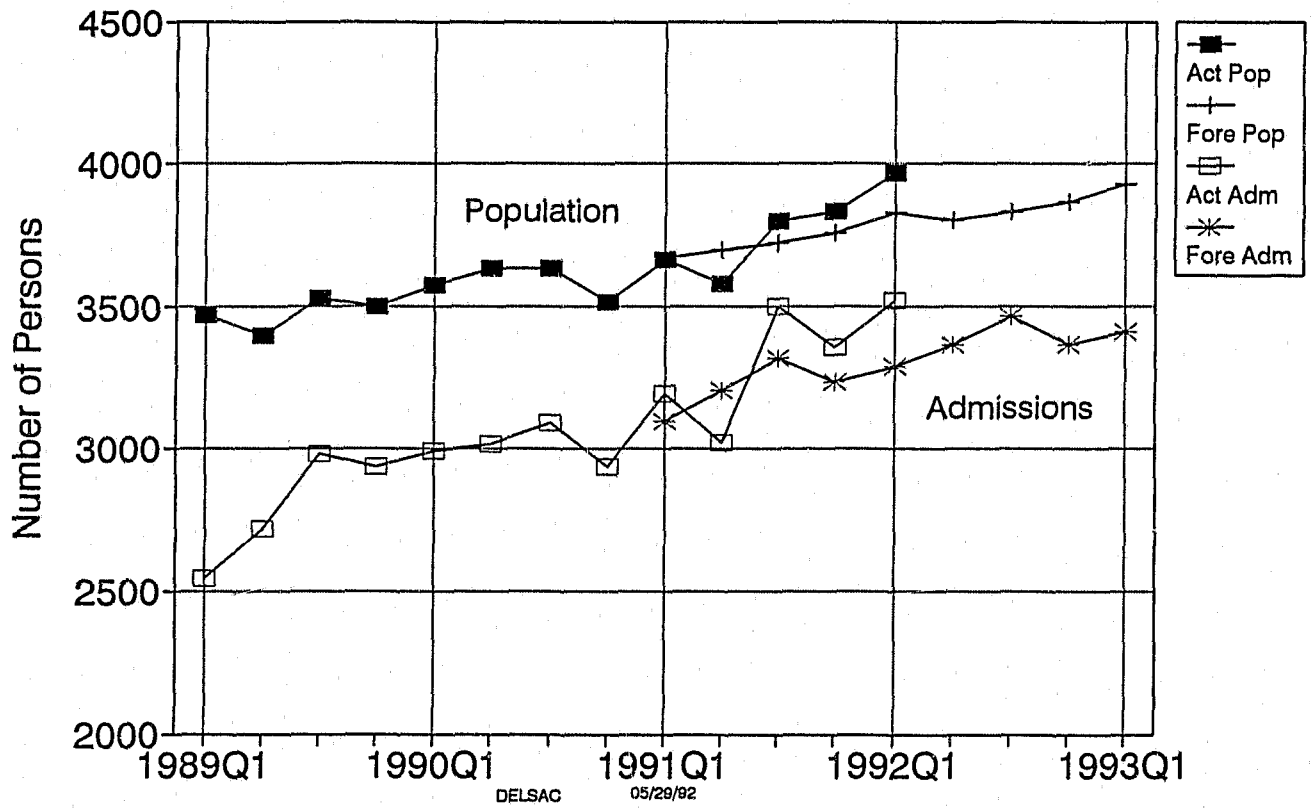


Table 1: Total Admissions and Populations 1st Quarter, 1992

Quarter	Admissions				Populations			
	Actual	Fore	Differ	Percent	Actual	Fore	Differ	Percent
1989Q1	2545				3470			
1989Q2	2719				3397			
1989Q3	2980				3532			
1989Q4	2934				3500			
1990Q1	2991				3575			
1990Q2	3013				3635			
1990Q3	3091				3632			
1990Q4	2936				3513			
1991Q1	3193	3096	97	3.1%	3666	3667	-1	-0.0%
1991Q2	3020	3201	-181	-5.7%	3578	3697	-119	-3.2%
1991Q3	3502	3317	185	5.6%	3796	3726	70	1.9%
1991Q4	3356	3234	122	3.8%	3835	3759	76	2.0%
1992Q1	3521	3288	233	7.1%	3969	3830	139	3.6%
1992Q2		3369				3801		
1992Q3		3465				3834		
1992Q4		3366				3870		
	Detail - 1st Quarter, 1992							
ASLT	204	250	-46	-18.4%	230	296	-66	-22.3%
BURG	165	179	-14	-7.8%	357	375	-18	-4.8%
C/CT	892	812	80	9.9%	176	168	8	4.8%
DRUG	543	404	139	34.4%	819	741	78	10.5%
DUI	366	334	32	9.6%	200	193	7	3.6%
FRAU	92	110	-18	-16.4%	62	79	-17	-21.5%
HOMI	32	30	2	6.7%	146	129	17	13.2%
LIFE	4	10	-6	-60.0%	396	420	-24	-5.7%
MISC	325	350	-25	-7.1%	166	170	-4	-2.4%
PROB	310	211	99	46.9%	443	268	175	65.3%
ROBB	117	99	18	18.2%	367	334	33	9.9%
SEX	95	93	2	2.2%	326	336	-10	-3.0%
THEF	170	187	-17	-9.1%	148	168	-20	-11.9%
TRAF	120	114	6	5.3%	55	57	-2	-3.5%
WEAP	86	105	-19	-18.1%	78	96	-18	-18.8%
Totals	3521	3288	233	7.1%	3969	3830	139	3.6%

# Fig 2: Detained Population & Admissions Actual and Forecast

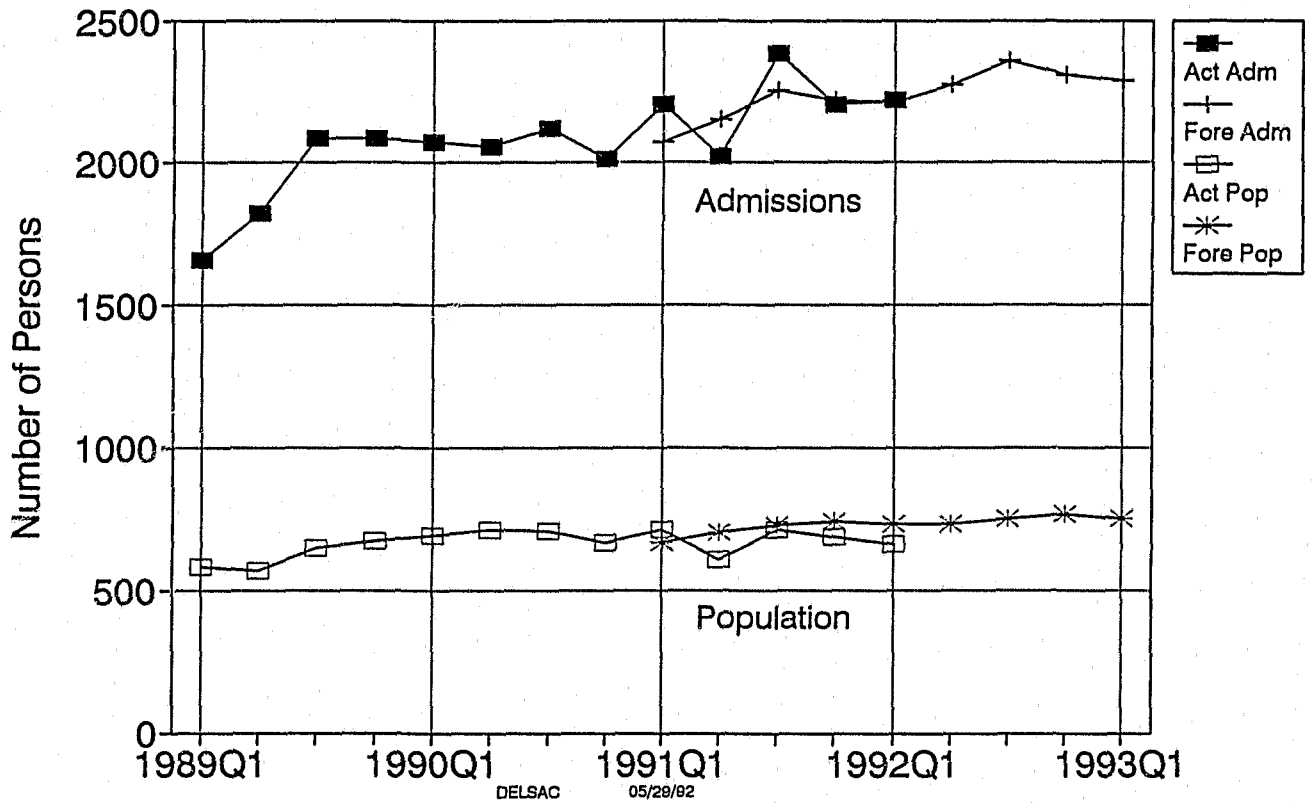


Table 2: Detained Admissions & Populatio 1st Quarter, 1992

Quarter	Admissions				Populations			
	Actual	Fore	Differ	Percent	Actual	Fore	Differ	Percent
1989Q1	1657				582			
1989Q2	1822				570			
1989Q3	2087				646			
1989Q4	2085				674			
1990Q1	2071				694			
1990Q2	2057				711			
1990Q3	2123				709			
1990Q4	2009				666			
1991Q1	2205	2069	136	6.6%	713	667	46	6.9%
1991Q2	2022	2151	-129	-6.0%	610	700	-90	-12.9%
1991Q3	2382	2255	127	5.6%	712	726	-14	-1.9%
1991Q4	2206	2219	-13	-0.6%	686	741	-55	-7.4%
1992Q1	2218	2212	6	0.3%	660	730	-70	-9.6%
1992Q2		2272				733		
1992Q3		2359				753		
1992Q4		2310				765		
	Detail - 1st Quarter, 1992							
ASLT	140	181	-41	-22.7%	23	47	-24	-51.1%
BURG	105	132	-27	-20.5%	55	70	-15	-21.4%
C/CT	779	673	106	15.8%	122	96	26	27.1%
DRUG	366	273	93	34.1%	126	133	-7	-5.3%
DUI	78	82	-4	-4.9%	6	6	0	0.0%
FRAU	70	79	-9	-11.4%	19	22	-3	-13.6%
HOMI	25	27	-2	-7.4%	52	44	8	18.2%
LIFE								
MISC	258	294	-36	-12.2%	55	61	-6	-9.8%
PROB	49	70	-21	-30.0%	25	37	-12	-32.4%
ROBB	79	71	8	11.3%	51	61	-10	-16.4%
SEX	52	59	-7	-11.9%	57	63	-6	-9.5%
THEF	96	127	-31	-24.4%	32	40	-8	-20.0%
TRAF	42	45	-3	-6.7%	3	5	-2	-40.0%
WEAP	79	99	-20	-20.2%	34	45	-11	-24.4%
Totals	2218	2212	6	0.3%	660	730	-70	-9.6%
	This Qt 1989-90							
LOS	29.1	29.4	-0.3	-1.0%				

### Fig 3: Jail Population and Admissions Actual and Forecast

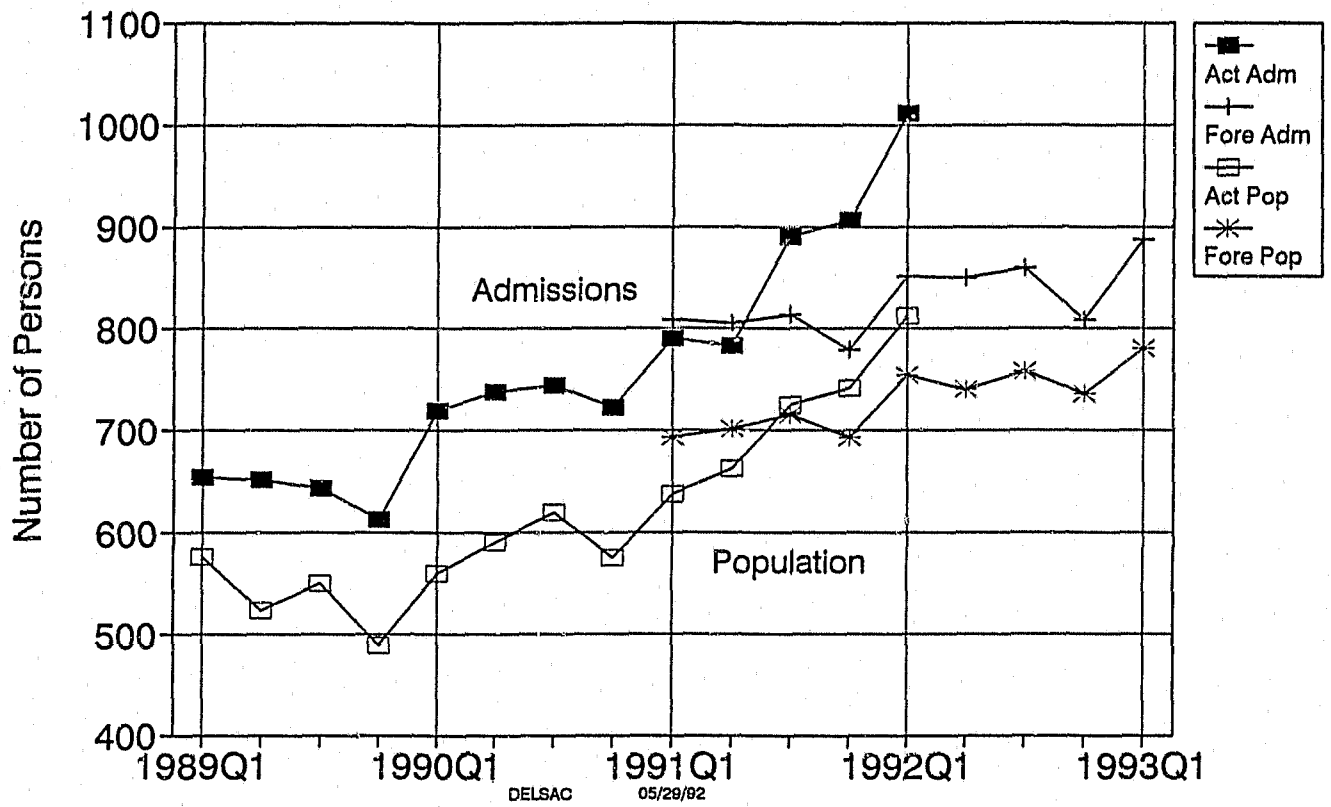




Table 3: Jail Admissions and Populations 1st Quarter, 1992

Quarter	Admissions				Populations			
	Actual	Fore	Differ	Percent	Actual	Fore	Differ	Percent
1989Q1	654				576			
1989Q2	651				523			
1989Q3	642				549			
1989Q4	612				488			
1990Q1	719				559			
1990Q2	737				590			
1990Q3	744				619			
1990Q4	721				575			
1991Q1	789	808	-19	-2.4%	637	692	-55	-7.9%
1991Q2	782	805	-23	-2.9%	662	701	-39	-5.6%
1991Q3	890	813	77	9.5%	724	714	10	1.4%
1991Q4	906	778	128	16.5%	741	693	48	6.9%
1992Q1	1011	851	160	18.8%	812	753	59	7.8%
1992Q2		849				739		
1992Q3		859				758		
1992Q4		808				736		
	Detail - 1st Quarter, 1992							
ASLT	45	46	-1	-2.2%	46	66	-20	-30.3%
BURG	30	22	8	36.4%	41	40	1	2.5%
C/CT	112	137	-25	-18.2%	46	64	-18	-28.1%
DRUG	83	57	26	45.6%	94	90	4	4.4%
DUI	285	248	37	14.9%	178	166	12	7.2%
FRAU	15	26	-11	-42.3%	11	27	-16	-59.3%
HOMI	1	1	0	0.0%	4	3	1	33.3%
LIFE								
MISC	50	48	2	4.2%	38	39	-1	-2.6%
PROB	203	122	81	66.4%	212	120	92	76.7%
ROBB	19	9	10	111.1%	20	15	5	33.3%
SEX	18	11	7	63.6%	24	19	5	26.3%
THEF	70	53	17	32.1%	50	52	-2	-3.8%
TRAF	76	68	8	11.8%	44	47	-3	-6.4%
WEAP	4	3	1	33.3%	4	5	-1	-20.0%
Totals	1011	851	160	18.8%	812	753	59	7.8%
	This Qt 1989-90							
Sent	120.6	125.4	-4.8	-3.8%				
LOS	87.2	80.2	7.0	8.7%				

# Fig 4: Prison Population and Admissions Actual and Forecast

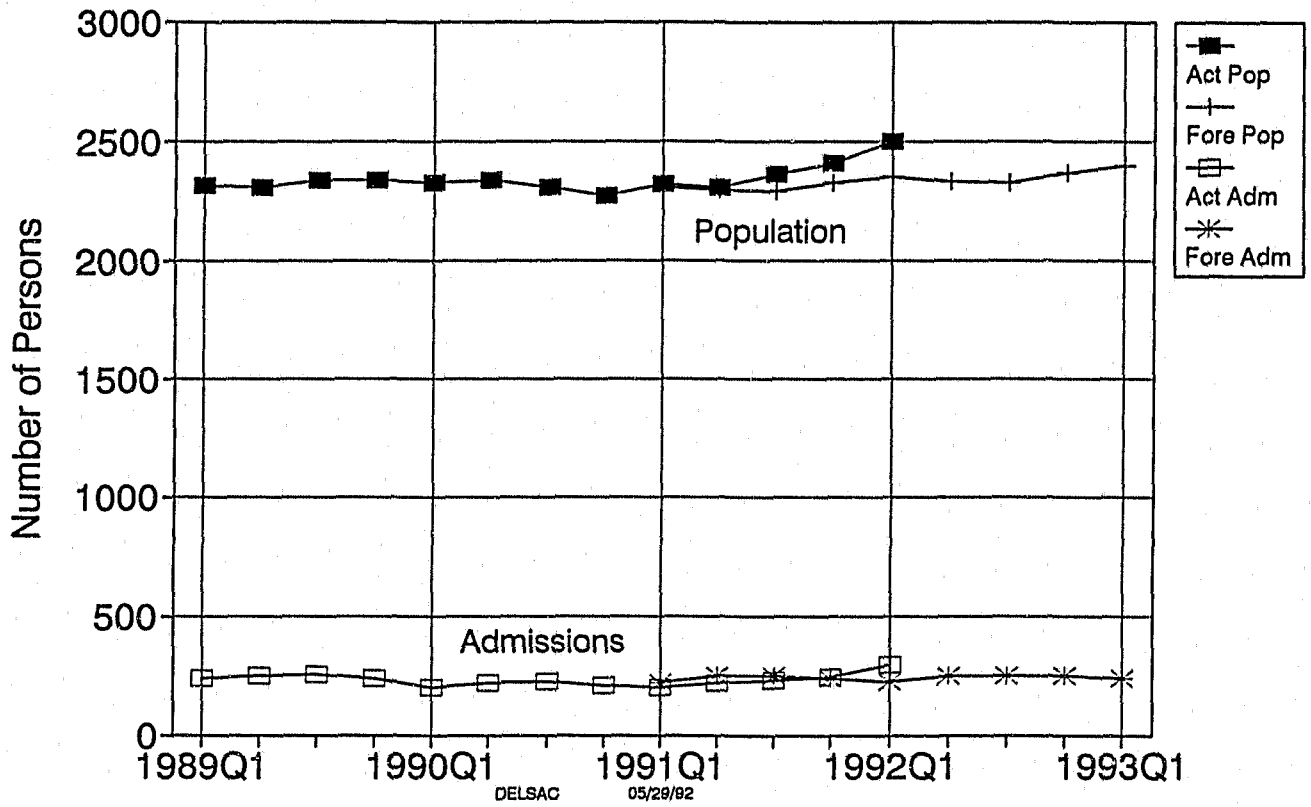


Table 4: Prison Admissions & Populations 1st Quarter, 1992

Quarter	Admissions				Populations			
	Actual	Fore	Differ	Percent	Actual	Fore	Differ	Percent
1989Q1	234				2312			
1989Q2	246				2304			
1989Q3	251				2337			
1989Q4	237				2338			
1990Q1	201				2322			
1990Q2	219				2334			
1990Q3	224				2304			
1990Q4	206				2272			
1991Q1	199	219	-20	-9.1%	2316	2308	8	0.3%
1991Q2	216	245	-29	-11.8%	2306	2296	10	0.4%
1991Q3	230	249	-19	-7.6%	2360	2286	74	3.2%
1991Q4	244	237	7	3.0%	2408	2325	83	3.6%
1992Q1	292	225	67	29.8%	2497	2347	150	6.4%
1992Q2		248				2329		
1992Q3		247				2323		
1992Q4		248				2369		
	Detail - 1st Quarter, 1992							
ASLT	19	23	-4	-17.4%	161	183	-22	-12.0%
BURG	30	25	5	20.0%	261	265	-4	-1.5%
C/CT	1	2	-1	-50.0%	8	8	0	0.0%
DRUG	94	74	20	27.0%	599	518	81	15.6%
DUI	3	4	-1	-25.0%	16	21	-5	-23.8%
FRAU	7	5	2	40.0%	32	30	2	6.7%
HOMI	6	2	4	200.0%	90	82	8	9.8%
LIFE	4	10	-6	-60.0%	396	420	-24	-5.7%
MISC	17	8	9	112.5%	73	70	3	4.3%
PROB	58	19	39	205.3%	206	111	95	85.6%
ROBB	19	19	0	0.0%	296	258	38	14.7%
SEX	25	23	2	8.7%	245	254	-9	-3.5%
THEF	4	7	-3	-42.9%	66	76	-10	-13.2%
TRAF	2	1	1	100.0%	8	5	3	60.0%
WEAP	3	3	0	0.0%	40	46	-6	-13.0%
Totals	292	225	67	29.8%	2497	2347	150	6.4%
	This Qt 1989-90							
Sent	48.0	54.1	-6.1	-11.3%	Note: Prison Sentence and LOS DO NOT include LIFEer data			
LOS	27.4	27.8	-0.4	-1.4%				

Fig 5: Reported Crime & DOC Admissions

