



Oregon Youth Authority Close Custody Forecast October 2003

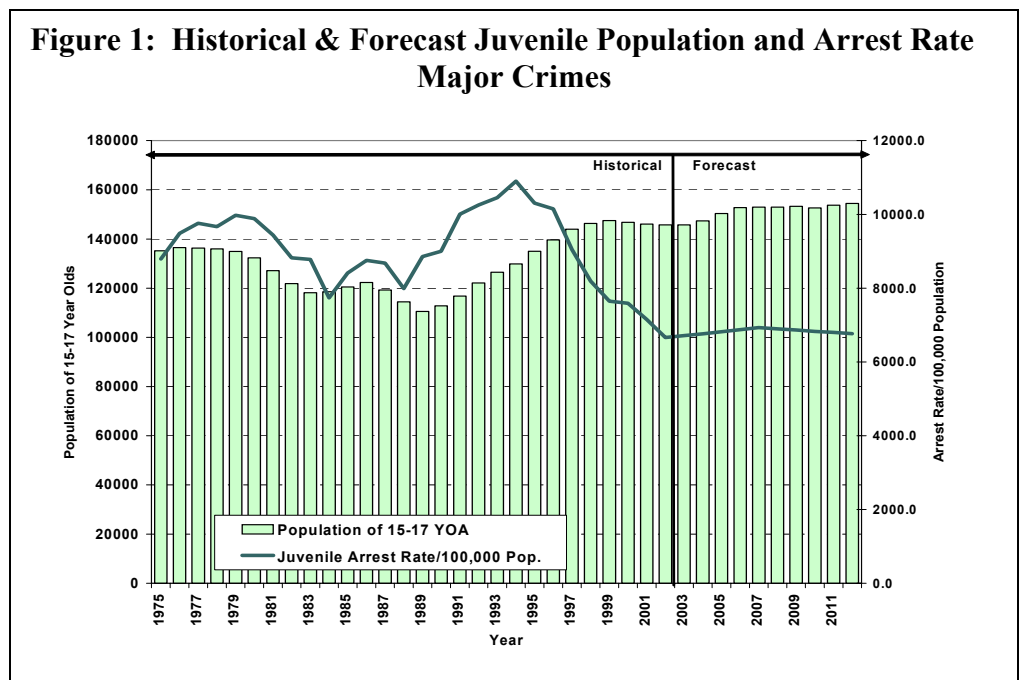
Office of Economic Analysis

October 1, 2003

This is a forecast of the population housed in the Oregon Youth Authority's secure, or "close-custody" beds. It does not cover youth in residential treatment, group homes, or foster care. The Office of Economic Analysis (OEA) provides this forecast on a semi-annual basis per Executive order 98-06. The forecast is intended for planning and budgeting. OEA produces this forecast with the help of the Juvenile Corrections Population Forecast Advisory Committee. Members are appointed by the Governor and represent various facets of the juvenile justice system.

The forecast is developed using a *flow model*. This is a model that mimics the flow of offenders through the juvenile justice system. Figure 1 is a synopsis of the expected changes in demographics and arrest rate that underlie the forecast. A detailed review of methodology is available at the website listed on page 4.

Figure 1: Historical & Forecast Juvenile Population and Arrest Rate Major Crimes



The population is divided into three categories: Adult Court (DOC), Public Safety Reserve (PSR), and the Discretionary Bed Allocation (DBA). The categories are defined on page 3. Table 1 shows the forecast over the next decade. Table 2 shows historical and forecast intakes by fiscal year (July 1 through June 30). By mid-2005, the current forecast for the DBA is higher than previous forecast. This is due to the decision to reopen 100 beds that were closed in the budget cuts of early 2003. The DOC and PSR population forecasts are slightly lower than the previous forecast. Some of the pressure to place youth in the PSR or waive them to adult court should be relieved by an increase in the supply of DBA beds.

**Table 1: Oregon Youth Authority Close Custody Population Forecast
October 2003 Compared to Previous Forecast of April 2003**

Period	Adult Court (DOC)			Public Safety Reserve (PSR)			Discretionary Bed Allocation (DBA)			Total			Period	Adult Court (DOC)			Public Safety Reserve (PSR)			Discretionary Bed Allocation (DBA)			Total		
	Current	Previous	Difference	Curr.	Prev.	Diff.	Curr.	Prev.	Diff.	Curr.	Prev.	Diff.		Current	Prev.	Difference	Curr.	Prev.	Diff.	Curr.	Prev.	Diff.	Curr.	Prev.	Diff.
Jul-03	292	300	-8	180	189	-9	340	421	-81	812	910	-98	Jul-08	307	348	-41	217	258	-41	479	451	29	1004	1057	-53
Aug-03	291	299	-8	180	191	-11	348	416	-68	819	906	-87	Aug-08	307	348	-41	217	259	-42	478	449	29	1002	1056	-54
Sep-03	291	298	-7	182	193	-11	352	418	-66	825	909	-84	Sep-08	308	349	-41	218	260	-42	481	451	30	1007	1060	-53
Oct-03	289	298	-9	182	195	-13	359	417	-58	830	910	-80	Oct-08	309	350	-41	219	261	-42	482	452	30	1010	1063	-53
Nov-03	289	297	-7	182	196	-14	365	414	-49	836	907	-71	Nov-08	310	351	-41	219	262	-42	483	452	31	1013	1065	-52
Dec-03	287	294	-7	181	196	-15	363	406	-43	831	896	-65	Dec-08	308	349	-41	219	261	-42	479	448	30	1005	1058	-53
Jan-04	286	293	-7	182	198	-16	366	403	-37	834	894	-60	Jan-09	308	349	-41	219	261	-42	479	448	30	1006	1059	-53
Feb-04	284	292	-7	182	199	-17	365	402	-37	832	893	-62	Feb-09	307	349	-42	218	261	-43	477	448	29	1002	1058	-56
Mar-04	283	292	-9	182	202	-19	369	402	-34	834	896	-62	Mar-09	306	349	-43	218	262	-44	476	448	27	1000	1060	-59
Apr-04	285	293	-8	184	203	-20	377	405	-28	846	902	-56	Apr-09	309	351	-42	219	263	-44	482	451	31	1010	1066	-55
May-04	286	295	-9	185	206	-22	380	405	-25	850	906	-56	May-09	310	353	-43	220	265	-44	484	454	31	1015	1071	-57
Jun-04	287	296	-9	186	209	-23	386	407	-20	859	912	-53	Jun-09	313	356	-43	222	266	-44	488	456	32	1022	1078	-55
Jul-04	287	297	-10	186	211	-25	387	407	-21	859	915	-55	Jul-09	313	356	-44	221	266	-45	487	456	31	1021	1079	-58
Aug-04	286	296	-10	187	212	-25	387	405	-17	860	913	-53	Aug-09	312	356	-44	221	266	-45	485	455	30	1018	1077	-59
Sep-04	287	297	-10	188	213	-25	391	405	-14	866	915	-49	Sep-09	314	357	-44	221	267	-45	488	456	32	1022	1080	-57
Oct-04	288	298	-10	189	214	-26	392	404	-11	869	916	-47	Oct-09	314	358	-44	222	267	-45	488	457	31	1025	1083	-58
Nov-04	288	298	-10	190	216	-26	395	403	-8	873	917	-44	Nov-09	315	359	-44	223	268	-45	490	457	32	1028	1084	-56
Dec-04	286	295	-9	189	216	-27	391	396	-6	865	908	-42	Dec-09	313	357	-43	221	266	-45	485	453	32	1019	1076	-57
Jan-05	285	294	-9	189	217	-28	391	396	-5	866	908	-42	Jan-10	313	357	-43	221	266	-45	485	453	32	1019	1076	-57
Feb-05	283	294	-11	190	219	-29	391	396	-4	865	909	-44	Feb-10	312	356	-44	220	266	-45	482	452	30	1015	1074	-59
Mar-05	282	295	-12	190	220	-30	392	397	-4	865	911	-47	Mar-10	311	356	-45	220	266	-46	481	453	29	1013	1075	-62
Apr-05	284	297	-12	193	223	-30	403	399	4	880	918	-38	Apr-10	314	358	-44	221	267	-46	487	455	32	1023	1080	-57
May-05	285	299	-14	194	225	-31	410	401	8	888	925	-36	May-10	315	360	-44	222	268	-46	489	457	32	1026	1085	-59
Jun-05	287	301	-14	195	226	-32	417	404	13	898	932	-33	Jun-10	318	362	-44	223	269	-46	493	460	33	1034	1090	-57
Jul-05	286	302	-16	195	228	-33	419	420	-1	900	950	-50	Jul-10	317	362	-45	223	269	-47	491	459	32	1032	1091	-59
Aug-05	286	302	-16	196	229	-33	420	419	1	902	950	-47	Aug-10	317	362	-45	222	269	-47	489	458	32	1029	1089	-60
Sep-05	287	304	-16	196	230	-32	425	420	5	910	954	-44	Sep-10	318	363	-45	223	270	-47	492	458	33	1032	1091	-58
Oct-05	289	305	-17	199	231	-32	428	421	8	916	957	-41	Oct-10	319	363	-45	223	270	-47	492	459	33	1034	1093	-59
Nov-05	290	306	-16	199	230	-31	432	421	11	921	957	-36	Nov-10	319	364	-44	224	270	-47	493	459	34	1036	1093	-57
Dec-05	288	304	-16	199	229	-30	429	417	12	916	950	-34	Dec-10	317	361	-44	222	269	-47	488	454	33	1027	1084	-57
Jan-06	288	305	-17	200	230	-31	431	417	15	919	951	-33	Jan-11	317	361	-44	222	269	-47	488	454	33	1027	1084	-57
Feb-06	287	305	-19	199	231	-31	431	417	13	916	953	-37	Feb-11	316	360	-45	222	269	-47	485	453	32	1023	1082	-60
Mar-06	286	306	-20	199	232	-32	431	418	13	916	957	-40	Mar-11	315	360	-46	221	269	-47	484	454	30	1020	1083	-63
Apr-06	288	309	-21	201	233	-32	438	422	16	927	964	-37	Apr-11	317	362	-45	223	270	-47	490	456	33	1030	1088	-58
May-06	289	312	-23	202	235	-33	441	424	17	932	971	-39	May-11	318	364	-45	223	270	-47	491	458	33	1033	1093	-60
Jun-06	291	315	-24	203	236	-33	445	428	18	940	978	-39	Jun-11	320	366	-45	224	272	-47	495	461	34	1040	1098	-58
Jul-06	291	316	-25	203	236	-34	445	428	17	939	981	-42	Jul-11	320	366	-46	224	272	-48	493	460	33	1037	1098	-61
Aug-06	291	317	-26	203	237	-34	446	428	18	940	982	-42	Aug-11	319	366	-46	224	272	-48	491	459	32	1034	1096	-61
Sep-06	293	319	-26	204	238	-33	450	430	21	948	986	-38	Sep-11	321	367	-46	225	272	-47	493	459	34	1039	1098	-59
Oct-06	294	321	-26	205	238	-33	453	431	22	952	989	-37	Oct-11	321	367	-46	225	273	-48	494	460	34	1041	1100	-59
Nov-06	295	321	-26	207	239	-32	456	431	24	957	991	-34	Nov-11	322	368	-45	225	273	-47	495	460	35	1043	1100	-57
Dec-06	293	319	-26	206	238	-32	452	427	25	951	984	-33	Dec-11	320	365	-45	224	271	-47	490	455	35	1034	1091	-57
Jan-07	293	320	-26	206	238	-32	454	428	26	953	985	-33	Jan-12	320	365	-45	224	271	-47	490	455	35	1034	1091	-57
Feb-07	292	320	-28	206	239	-33	453	428	25	951	987	-36	Feb-12	319	364	-45	223	271	-47	487	454	33	1029	1089	-59
Mar-07	292	322	-30	206	240	-34	453	430	23	950	991	-41	Mar-12	318	364	-46	223	271	-48	486	454	32	1027	1089	-63
Apr-07	294	324	-30	208	242	-34	460	433	27	962	999	-38	Apr-12	320	366	-45	224	272	-48	492	457	35	1036	1094	-58
May-07	295	327	-31	208	243	-35	463	436	27	967	1007	-40	May-12	321	367	-46	225	273	-48	493	459	35	1040	1099	-59
Jun-07	298	330	-32	210	245	-36	468	440	28	975	1015	-40	Jun-12	323	369	-46	226	274	-48	497	461	36	1046	1104	-58
Jul-07	298	332	-34	210	246	-36	467	441	27	975	1018	-43	Jul-12	323	370	-47	226	274	-48	495	461	34	1044	1104	-61
Aug-07	298	332	-35	210	246	-37	467	440	26	974	1019	-45	Aug-12	322	369	-47	225	274	-48	493	459	34	1041	1102	-61
Sep-07	299	334	-35	211	248	-37	469	442	28	980	1024	-44	Sep-12	323	370	-46	226	274	-48	495	459	36	1045	1103	-59
Oct-07	301	336	-36	212	249	-37	471	443	28	983	1029	-45	Oct-12	324	370	-46	226	275	-48	496	460	36	1046	1105	-59
Nov-07	302	338	-36	213	250	-37	473	444	29	988	1032	-44	Nov-12	325	370	-46	227	275	-48	497	460	37	1049	1105	-56
Dec-07	301	336	-36	212	250	-37	468	440	28	981	1026	-44	Dec-12	323	368	-45	225	273	-48	492	455	36	1040	1096	-57
Jan-08	301	337	-36	212	251	-38	469	441	28	983	1028	-46	Jan-13	322	367	-45	225	273	-48	491	455	37	1039	1096	-56
Feb-08	301	338	-37	212	251	-39	468	441	27	980	1029	-49	Feb-13	321			225			489			1034		
Mar-08	300	339	-38	212	252	-40	467	442	26	980	1033	-53	Mar-13	320			224			487			1032		
Apr-08	303	341	-38	214	254	-40	474	445	29	991	1040	-49	Apr-13</												

Fiscal Year	DOC		PSR		DBA		Total		Forecast
	Intakes	Pct. Chg.	Intakes	Pct. Chg.	Intakes	Pct. Chg.	Intakes	Pct. Chg.	
1998	153		78		836		1067		
1999	157	2.6%	79	1.3%	894	6.9%	1130	5.9%	
2000	155	-1.3%	82	3.8%	796	-11.0%	1033	-8.6%	
2001	134	-13.5%	64	-22.0%	674	-15.3%	872	-15.6%	
2002	113	-15.7%	67	4.7%	675	0.1%	855	-1.9%	
2003	119	5.3%	71	6.0%	554	-17.9%	744	-13.0%	
2004	131	9.7%	81	14.4%	579	4.6%	791	6.4%	
2005	135	3.7%	81	0.3%	592	2.1%	809	2.2%	
2006	143	5.7%	86	5.3%	634	7.2%	863	6.8%	
2007	151	5.4%	91	5.6%	661	4.2%	902	4.5%	
2008	156	3.7%	90	-0.2%	670	1.4%	917	1.6%	
2009	157	0.1%	90	0.0%	674	0.5%	921	0.4%	
2010	157	0.4%	90	0.1%	677	0.4%	925	0.4%	
2011	157	-0.3%	90	-0.1%	677	0.0%	924	-0.1%	
2012	158	0.8%	91	0.3%	679	0.3%	927	0.4%	
2013	159	0.5%	91	0.4%	680	0.2%	930	0.3%	

OEA currently is directed to forecast the close-custody population. In the current climate of bed closures caused by budget cuts, the supply of beds has become one of the major factors underlying the population forecast. In response, OEA and the Advisory Committee are currently exploring the feasibility of forecasting *demand* for close-custody beds. Progress in this area will be updated in the next forecast, April 2004.

Definitions

Adult Court (DOC) Population

Oregon law requires that any youth aged 15 to 17 charged with one of 23 violent crimes be prosecuted as an adult. The law carries mandatory minimum sentences from 70 to 300 months. Oregon law also allows 15 to 17 year-olds charged with other serious crimes to be “waived” or “remanded” to the adult system. A waiver is a petition filed with the Court. If the Court grants the waiver, the juvenile is prosecuted as an adult. If convicted, these youths are placed in the legal custody of the Department of Corrections (DOC). Oregon law requires that DOC juveniles be transferred to the Oregon Youth Authority (OYA). Inmates under age 16 must be housed at OYA. Inmates aged 16 or older may be housed at OYA until age 25. OYA may return inmates to DOC for discipline or security concerns any time after age 16.

Public Safety Reserve (PSR)

These beds are reserved for juveniles committed for certain serious felonies¹. The PSR applies to youth aged 14 or younger at the time of their crime. This is because all of these felonies would require adult prosecution if committed by a youth aged 15 or older.

Discretionary Bed Allocation (DBA)

Each county or group of counties may maintain a certain OYA population of offenders other than those mentioned above. This group was formerly known as the “Cap.”

¹ Robbery I, Arson I, Murder, Attempted Murder, Unlawful Sexual Penetration I, Sodomy I, Rape I, Kidnap I, and Assault I.

Major Crimes

Based on juvenile arrests reported in Oregon’s Uniform Crime Report (UCR) program. Includes juvenile arrests for all person and property crimes, plus the behavioral crimes of drugs and weapons.

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This forecast is available at <http://www.oea.das.state.or.us>