

## Option 2 Scenario A: All Sentenced Offenders

Assumptions: All offense dates after 10/1/1994 qualify to earn time starting 4/1/2006  
 Accrual of 10 days a month incentive time (120 days/year)  
 Earned time begins to accrue 4/1/2006 and stops accruing 7/1/2009

Bureau of Justice Statistics: "Recidivism of Prisoners Released in 1994" published June 2002  
 Returned w/ new sentence w/in 1 yr: 10.4%  
 Returned w/ new sentence w/in 2 yr: 18.8%  
 Returned w/ new sentence w/in 3 yr: 25.4%

Discharge, months after 7/1/2009	Number of Offenders discharged	BED DAYS SAVED, ALL
IMMEDIATE	1,237	138,406
1	365	40,650
2	278	34,010
3	307	37,000
4	251	33,290
5	303	39,280
6	272	33,860
7	240	24,570
8	237	32,790
9	211	28,660
10	218	31,480
11	223	30,640
12	189	25,900
13	191	21,860
14	176	25,660
15	157	22,440
16	147	22,140
17	149	23,920
18	152	24,610
19	145	19,690
20	139	19,780
21	118	20,780
22	141	25,600
23	108	15,600
24	137	20,660
25	91	11,850
26	116	19,730
27	83	15,740
28	79	12,850
29	63	11,160
30	82	12,860
31	79	11,700
32	102	17,610
33	58	9,900
34	63	12,160
35	83	13,340
36	60	9,430
	7,050	813,200

Inmate/Years Saved	
Year 1	1302
Year 2	659
Year 3	405

Beds saved w/ 10.4% recidivism=  
 inmates x reciprocal of .104 (.896):  
 1st year reduction

530,536 Days = 1302 Inmates

Beds saved w/ 18.8% recidivism=  
 inmates x reciprocal of .084 (.916) (.104+.084=.188)

2nd year  
 262,740 Days = 659 Inmates

Beds saved w/ 25.4% recidivism=  
 inmates x reciprocal of .066 (.934) (.104+.084+.066=.254)

3rd year  
 158,330 Days = 405 Inmates