

MASSACHUSETTS STATE CORRECTIONAL POPULATION COMPARED WITH STATE CRIME RATES, 1970-2014

YEAR	STATE POPULATION ¹	DOC ²	County ²	CORRECTIONAL		VIOLENT CRIME RATE PER 100K ⁴	PROPERTY CRIME RATE PER 100K ⁴
				POPULATION	PER 100K ³		
1970	5,689,170	2,361	?	?	?	#VALUE!	
1971	5,737,580	2390	?	?	?	#VALUE!	202.9
1972	5,760,302	2443	?	?	?	#VALUE!	266
1973	5,781,172	2018	?	?	?	#VALUE!	295.2
1974	5,773,548	2021	1576	3597	62.30137863	#VALUE!	351.9
1975	5,757,756	2047	1769	3816	66.27581995	#VALUE!	388.7
1976	5,743,672	2278	?	?	?	#VALUE!	442.6
1977	5,738,199	2707	?	?	?	#VALUE!	399.2
1978	5,736,469	2763	?	?	?	#VALUE!	425.3
1979	5,738,404	2821	?	?	?	#VALUE!	462
1980	5,737,037	2784	2654	5438	94.78760552	#VALUE!	531.3
1981	5,768,685	3231	2928	6159	106.7661001	#VALUE!	601.3
1982	5,771,222	3777	3404	7181	124.4277209	#VALUE!	628.6
1983	5,799,407	4473	3447	7920	136.5656868	#VALUE!	571.4
1984	5,840,773	4539	?	?	?	#VALUE!	576.8
1985	5,880,733	4943	3770	8713	148.1618023	#VALUE!	523.7
1986	5,902,678	5405	?	?	?	#VALUE!	538.2
1987	5,935,204	5636	4740	10376	174.8212867	#VALUE!	556.9
1988	5,979,982	6267	5300	11567	193.4286759	#VALUE!	564.6
1989	6,015,478	6,731	5,596	12327	204.9213712	#VALUE!	619.6
1990	6,022,639	7,484	5,825	13309	220.9828615	#VALUE!	675
1991	6,018,470	8,154	6,143	14297	237.5520689	#VALUE!	736.3
1992	6,028,709	9,053	7,099	16152	267.9180568	#VALUE!	736.1
1993	6,060,569	9,478	8,290	17768	293.1737928	#VALUE!	779
1994	6,095,241	9,657	9,306	18963	311.1115705	#VALUE!	804.9
1995	6,141,445	9,619	10,067	19686	320.5434552	#VALUE!	707.6
1996	6,179,756	9,435	10,756	20191	326.7281103	#VALUE!	687.2
1997	6,226,058	9,926	12,534	22460	360.7419012	#VALUE!	642.2
1998	6,271,838	10,014	12,015	22029	351.2367507	#VALUE!	644.2
1999	6,317,345	10,117	12,326	22443	355.2600024	#VALUE!	642.2
2000	6,361,104	9,768	11,355	21123	332.065	#VALUE!	551
2001	6,397,634	9,572	10,937	20509	320.5716363	#VALUE!	476.1
2002	6,417,206	9,218	11,322	20540	320.076993	#VALUE!	477.8
2003	6,422,565	8,818	11,767	20585	320.5105748	#VALUE!	484.9
2004	6,412,281	8,766	12,455	21221	330.9430763	#VALUE!	473.1
2005	6,403,290	8,677	12,134	20811	325.0048022	#VALUE!	460.2
2006	6,410,084	9,194	12,859	22053	344.0360532	#VALUE!	461
2007	6,431,559	9,586	13,511	23097	359.1197717	#VALUE!	461
2008	6,468,967	9,939	13,584	23523	363.6283815	#VALUE!	500.5
2009	6,517,613	10,111	12,916	23027	353.3041928	#VALUE!	441.7
2010	6,564,073	9,989	12,000	21989	334.9901806	#VALUE!	463.8
2011	6,612,270	9,989	11,855	21844	330.355536	#VALUE!	462.6
2012	6,655,829	10,436	12,491	22927	344.4649795	#VALUE!	468.9
2013	6,708,874	9,995	11,693	21688	323.2733243	#VALUE!	427.3
2014	6,745,408	9,620	11,022	20642	306.0155887	#VALUE!	405.5
2015				0	#DIV/0!	not yet available	413.4

¹ Historical state population data--taken from www.census.gov--are intercensal estimates of Massachusetts state population on July 1st of each year (except for 1970 and 1980, for which the actual census data, representing state population on April 1st, is used instead). See http://www.census.gov/popest/data/state/asrh/1980s/80s_st_totals.html; <http://www.census.gov/popest/data/intercensal/st-co/files/CO-EST2001-12-25.pdf>; <http://www.census.gov/popest/data/intercensal/state/state2010.html>; <http://www.census.gov/popest/data/intercensal/state/state2010.html>. (Note that these figures are for total state population, not total adult population.)

² Correctional population data from 1989-2014 (for both DOC and county correctional facilities) is for the beginning of the first quarter (i.e. roughly January 1st) and is taken from 1st Quarter Overcrowding Reports available at <http://www.mass.gov/eopss/law-enforce-and-cj/prisons/rsch-data/quarterly-overcrowding-reports.html>. Pre-1989 DOC population data is also for approximately January of the year listed or December of the previous year, and is taken from reports on population movement in the Massachusetts DOC available at <http://www.mass.gov/eopss/law-enforce-and-cj/prisons/rsch-data/historical-rpts/population-movements.html>. Pre-1989 population data for county correctional facilities is taken from yearly county court commitment studies, which sometimes (but not always) also referenced the number of people in custody in county correctional facilities at a given date or the average number of people in custody at any given time in the year listed. These studies are available at <http://www.mass.gov/eopss/law-enforce-and-cj/prisons/rsch-data/county-court-commitments.html>. Note that the post-1989 numbers are the "beginning population" totals for the First Quarter, and that the numbers here for DOC population exclude persons in custody at the Bridgewater state hospital and other treatment centers, which do not appear to have been counted in the figures available before 1989; the exclusion is necessary to facilitate comparison before and after 1989. That means that, for the last decade or so, the numbers given here for DOC population will not be found in the tables in the quarterly reports, the totals from

which include numbers from the State Hospital at Bridgewater, the Shattuck Correctional Unit, the Massachusetts Treatment Center, and MASAC; the numbers here were calculated by subtracting the population at these four institutions from the "total" figures provided in the quarterly reports (which also exclude DOC inmates in non-DOC facilities). Note also that the state population data is for July but the correctional population data is for approximately January; although July figures are available after 1989, they are not readily available before 1989, and so January figures have been used throughout, also to facilitate comparison across time.

³ Correctional population per 100,000 persons in Massachusetts is calculated from the state population figures given for total state population (not total adult population). These numbers are approximations only and reflect the limitations and parameters described in the previous two notes.

⁴ Historical violent crime and property crime rates are the state estimates for Massachusetts taken from Uniform Crime Reporting Statistics available from the "table-building tool" on fbi.gov. See Uniform Crime Reporting Statistics, UCR Data Online, available at <http://www.ucrdatatool.gov/index.cfm>.