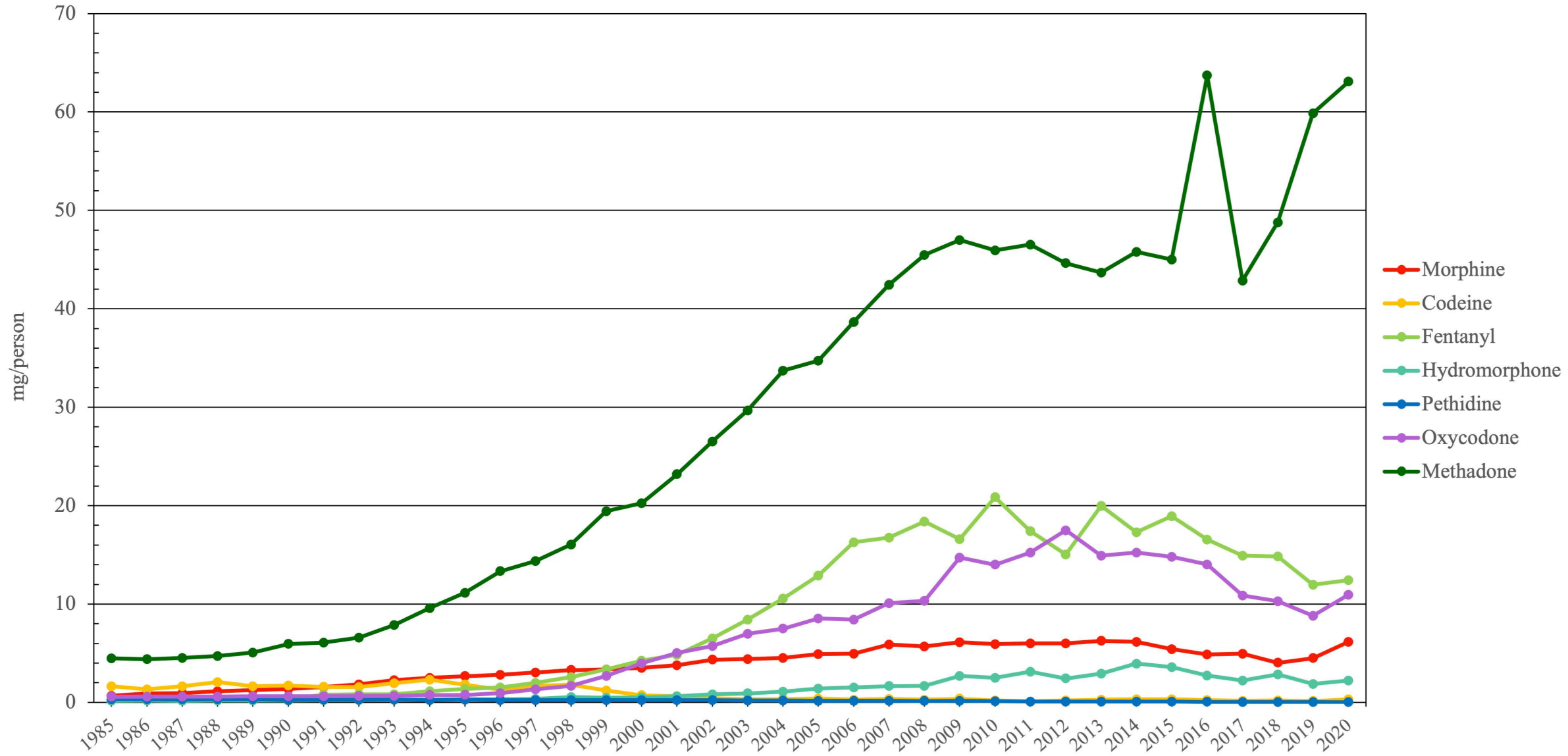


Global

Essential Controlled Medicines Consumption in Morphine Equivalence (mg/person), 1985 - 2020



Global Essential Controlled Medicines Consumption

Morphine Equivalence (ME), (mg/person)

Year	Morphine	Codeine	Fentanyl	Hydromorphone	Pethidine	Oxycodone	Methadone
1985	0.6882	1.6458	0.1840	0.1771	0.3362	0.5774	4.4770
1986	0.8887	1.3183	0.1999	0.1956	0.3250	0.6026	4.3965
1987	0.9448	1.6477	0.1922	0.1806	0.3030	0.6040	4.5373
1988	1.1497	2.0718	0.2695	0.1907	0.3146	0.5944	4.7206
1989	1.2549	1.6451	0.2240	0.2017	0.3074	0.6207	5.0797
1990	1.3651	1.7259	0.3071	0.2153	0.2572	0.6450	5.9445
1991	1.5630	1.5879	0.7898	0.2348	0.2931	0.6339	6.0678
1992	1.8331	1.5747	0.8248	0.2467	0.2864	0.6805	6.6037
1993	2.2671	1.9601	0.8254	0.2665	0.2665	0.6887	7.8734
1994	2.4981	2.3161	1.1417	0.2744	0.2470	0.7702	9.5840
1995	2.6765	1.8188	1.3791	0.3269	0.2721	0.7712	11.1568
1996	2.8056	1.3077	1.5166	0.3425	0.2519	0.9336	13.3407
1997	3.0407	1.6700	1.9804	0.3624	0.2404	1.3192	14.3701
1998	3.3017	1.7999	2.5759	0.5561	0.2510	1.6964	16.0486
1999	3.3737	1.2178	3.3742	0.4649	0.2355	2.7042	19.4233
2000	3.5071	0.7317	4.2418	0.5086	0.2357	3.9763	20.2369
2001	3.7905	0.6398	4.8307	0.6495	0.2359	5.0369	23.1890
2002	4.3511	0.4295	6.5100	0.8288	0.2443	5.7436	26.5115
2003	4.4152	0.3099	8.4292	0.9270	0.1980	6.9611	29.6697
2004	4.5094	0.3397	10.5462	1.0867	0.2217	7.5010	33.7243
2005	4.9021	0.3882	12.8897	1.3953	0.1824	8.5469	34.7400
2006	4.9635	0.2969	16.2769	1.5246	0.1599	8.4315	38.6720
2007	5.9012	0.3493	16.7590	1.6629	0.1492	10.0960	42.4493
2008	5.6793	0.2913	18.3942	1.6903	0.1453	10.3159	45.4647
2009	6.1348	0.3822	16.5891	2.6924	0.1494	14.7097	47.0047
2010	5.9155	0.1907	20.8703	2.4887	0.1191	14.0014	45.9478
2011	5.9938	0.1050	17.3987	3.1080	0.1030	15.2363	46.5322
2012	6.0073	0.2031	15.0506	2.4450	0.0965	17.4875	44.6379
2013	6.2558	0.2761	19.9680	2.9233	0.1002	14.9283	43.6787
2014	6.1671	0.3180	17.2912	3.9538	0.0799	15.2399	45.7706
2015	5.4146	0.3169	18.9263	3.5863	0.0778	14.7964	45.0164
2016	4.8706	0.2270	16.5434	2.7219	0.0692	14.0109	63.7126
2017	4.9400	0.1797	14.9290	2.2212	0.0621	10.8751	42.8556
2018	4.0378	0.2076	14.8277	2.8576	0.0597	10.2923	48.7809
2019	4.5077	0.1481	11.9670	1.8902	0.0486	8.7914	59.8691
2020	6.1478	0.3310	12.4272	2.2213	0.0405	10.9330	63.0869

Data sources:

Consumption Data – International Narcotics Control Board
 Population – The World Bank, United Nations Statistics Division
 ME Conversion Factors – WHOCC Centre for Drug Statistics Methodology

Walther Global Palliative Care
 & Supportive Oncology
 Indiana University
 Melvin and Bren Simon
 Comprehensive Cancer Center