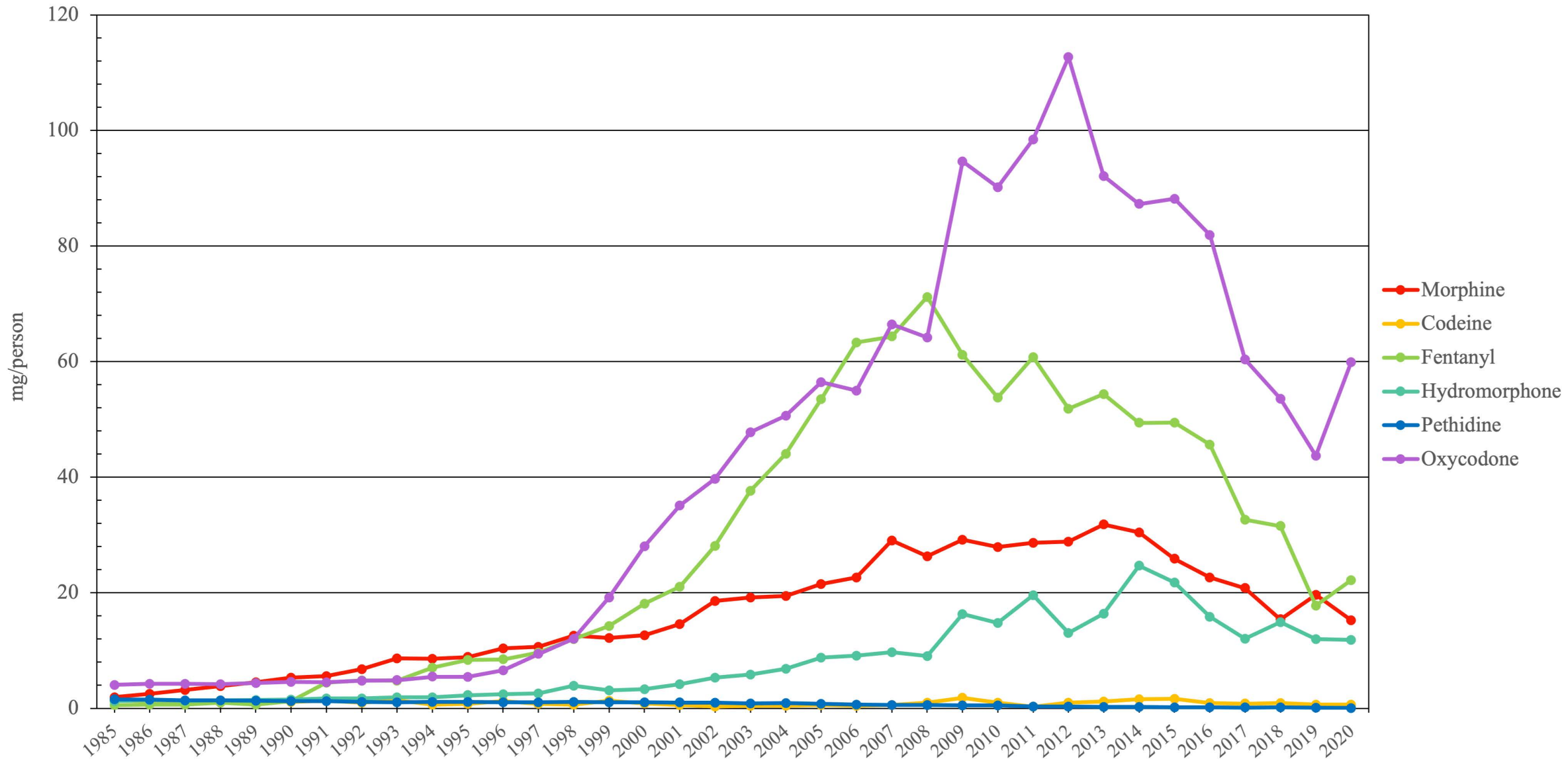


AMRO/PAHO Region

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



AMRO/PAHO Essential Controlled Medicines Consumption

Morphine Equivalence (ME) minus Methadone, (mg/person)

Year	Morphine	Codeine	Fentanyl	Hydromorphone	Pethidine	Oxycodone
1985	1.9016	1.4176	0.5543	1.2513	1.5599	4.0369
1986	2.5028	1.1580	0.6271	1.3912	1.4986	4.2348
1987	3.1489	1.3173	0.6123	1.2852	1.3678	4.2611
1988	3.8309	1.3240	0.9440	1.3442	1.3874	4.1853
1989	4.5206	1.2146	0.6556	1.4349	1.3093	4.3650
1990	5.3008	1.0992	1.2380	1.4821	1.2519	4.5511
1991	5.5771	1.3336	4.4327	1.6773	1.2256	4.4852
1992	6.7924	0.9956	4.8541	1.7159	1.1095	4.7893
1993	8.6638	1.3538	4.7525	1.8819	1.0530	4.8698
1994	8.5891	0.6389	7.0227	1.8963	1.0886	5.4707
1995	8.8748	0.7517	8.3949	2.2740	1.1269	5.4234
1996	10.3771	1.2575	8.4691	2.4344	1.0432	6.5857
1997	10.6211	0.7734	9.6657	2.5509	1.0551	9.4046
1998	12.5754	0.6313	11.9826	3.8940	1.0994	12.0563
1999	12.1478	1.3334	14.2514	3.1275	1.0416	19.1641
2000	12.6100	0.8502	18.1208	3.3054	1.0320	28.0527
2001	14.5708	0.5439	21.0615	4.1561	1.0054	35.1351
2002	18.5568	0.2914	28.1295	5.2961	0.9840	39.7260
2003	19.1803	0.4214	37.6371	5.8245	0.8297	47.7680
2004	19.4317	0.4512	44.0388	6.8443	0.8887	50.6288
2005	21.5287	0.5617	53.4950	8.7981	0.7747	56.4560
2006	22.6257	0.4371	63.2928	9.1267	0.6370	54.9484
2007	29.0642	0.5872	64.3441	9.7336	0.5903	66.4434
2008	26.2887	0.9544	71.1973	9.0585	0.5781	64.1925
2009	29.1862	1.8229	61.1634	16.2981	0.5182	94.6717
2010	27.9067	0.9464	53.7888	14.7601	0.4777	90.1829
2011	28.6440	0.2913	60.7586	19.5561	0.3191	98.4234
2012	28.8231	0.9885	51.8158	13.0463	0.2868	112.6923
2013	31.8070	1.1893	54.3755	16.3808	0.2554	92.1151
2014	30.4688	1.5494	49.4074	24.6705	0.2494	87.2810
2015	25.8690	1.6660	49.4242	21.7925	0.1873	88.1765
2016	22.6666	0.8964	45.6563	15.8454	0.1566	81.8842
2017	20.8079	0.8045	32.6398	12.0297	0.1343	60.3639
2018	15.4069	0.8752	31.5377	14.8767	0.1476	53.6004
2019	19.6323	0.6185	17.7433	11.9595	0.0926	44.7246
2020	15.2230	0.6525	22.1804	11.8559	0.0421	59.9006

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