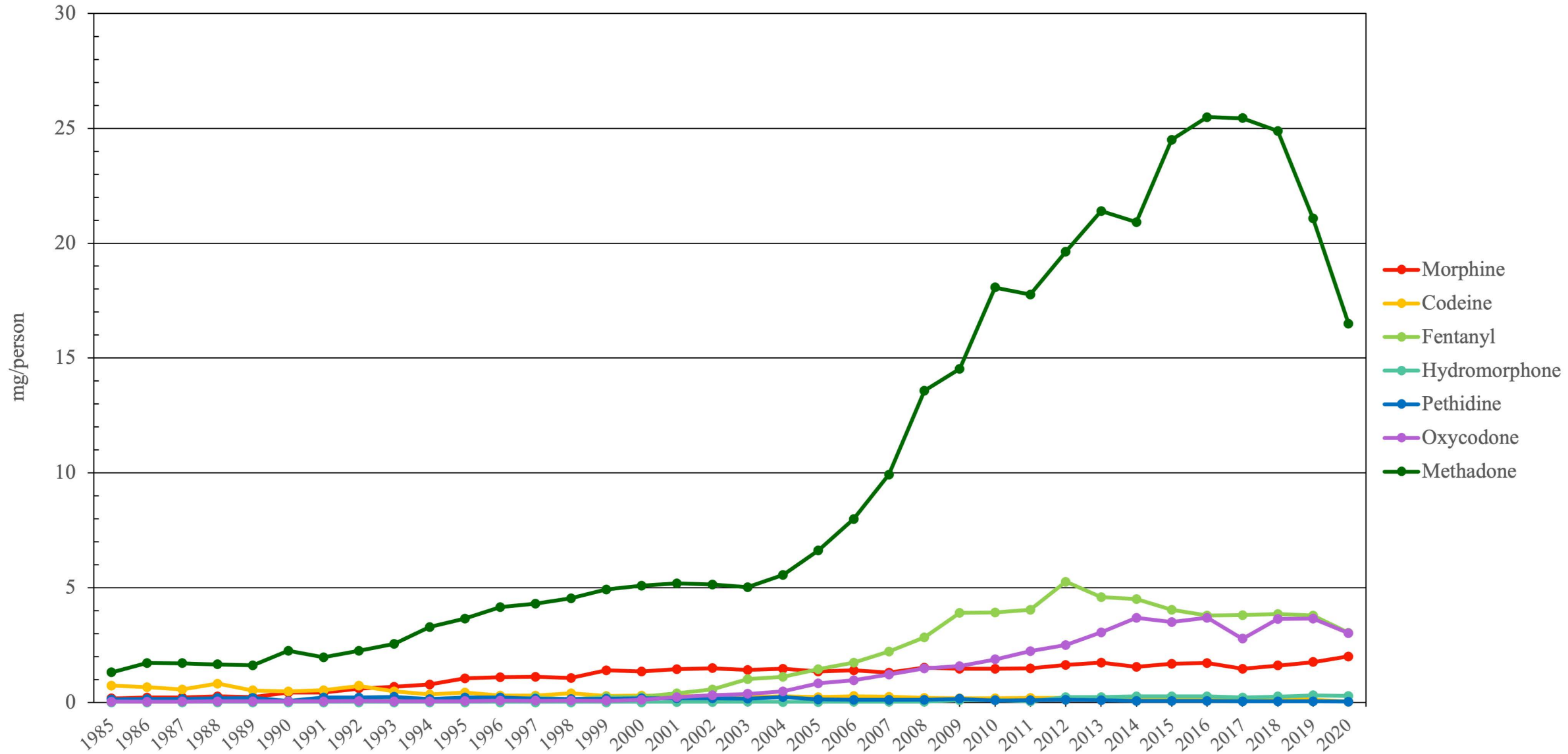


# WPRO Region

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



# WPRO Essential Controlled Medicines Consumption

## Morphine Equivalence (ME), (mg/person)

Year	Morphine	Codeine	Fentanyl	Hydromorphone	Pethidine	Oxycodone	Methadone
1985	0.1801	0.7387	0.0248	0.0003	0.1259	0.0367	1.3150
1986	0.2223	0.6683	0.0230	0.0004	0.1501	0.0387	1.7202
1987	0.2164	0.5733	0.0240	7.67E-05	0.1554	0.0400	1.7083
1988	0.2700	0.8230	0.0321	6.86E-06	0.1911	0.0500	1.6593
1989	0.2331	0.5248	0.0335	0	0.2008	0.0492	1.6238
1990	0.4338	0.4803	0.0334	0	0.0603	0.0559	2.2577
1991	0.4284	0.5348	0.0917	0	0.2180	0.0518	1.9731
1992	0.6072	0.7244	0.0505	1.95E-05	0.2179	0.0648	2.2571
1993	0.6788	0.4762	0.0606	0.0020	0.2441	0.0527	2.5518
1994	0.7796	0.3553	0.0778	0.0001	0.1547	0.0534	3.2885
1995	1.0442	0.4342	0.1152	2.50E-05	0.2126	0.0578	3.6503
1996	1.0973	0.2952	0.1083	3.40E-05	0.2120	0.0775	4.1590
1997	1.1153	0.3036	0.2251	0.0010	0.1639	0.0741	4.3013
1998	1.0612	0.4064	0.1354	0.0027	0.1515	0.0807	4.5341
1999	1.3993	0.2867	0.2556	0.0006	0.1688	0.0748	4.9131
2000	1.3452	0.2922	0.2452	0.0022	0.1833	0.1190	5.0933
2001	1.4561	0.2782	0.3959	0.0133	0.1786	0.2321	5.1893
2002	1.4924	0.2648	0.5601	0.0188	0.1892	0.3181	5.1406
2003	1.4156	0.2257	1.0190	0.0297	0.1615	0.3744	5.0247
2004	1.4682	0.2694	1.1216	0.0183	0.2253	0.4834	5.5554
2005	1.3504	0.2282	1.4495	0.0218	0.1356	0.8336	6.6256
2006	1.4044	0.2746	1.7403	0.0237	0.1192	0.9704	7.9845
2007	1.3030	0.2431	2.2230	0.0269	0.1139	1.2111	9.9207
2008	1.5163	0.1974	2.8418	0.0250	0.1226	1.4790	13.5783
2009	1.4733	0.1792	3.9005	0.1059	0.1580	1.5894	14.5338
2010	1.4624	0.1770	3.9180	0.0961	0.0909	1.8750	18.0738
2011	1.4784	0.1993	4.0338	0.0549	0.1001	2.2274	17.7665
2012	1.6312	0.1966	5.2576	0.2266	0.1111	2.5031	19.6332
2013	1.7381	0.1842	4.5841	0.2396	0.0934	3.0574	21.4043
2014	1.5527	0.1987	4.5049	0.2646	0.0660	3.6828	20.9193
2015	1.6846	0.2014	4.0305	0.2685	0.0624	3.4982	24.5002
2016	1.7143	0.1888	3.7816	0.2682	0.0649	3.6872	25.4884
2017	1.4631	0.1869	3.8090	0.2151	0.0544	2.7763	25.4467
2018	1.6083	0.2031	3.8585	0.2566	0.0513	3.6400	24.8841
2019	1.7590	0.1105	3.7792	0.3086	0.0444	3.6587	21.0775
2020	2.0010	0.0728	3.0376	0.2845	0.0361	3.0249	16.4943

### 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