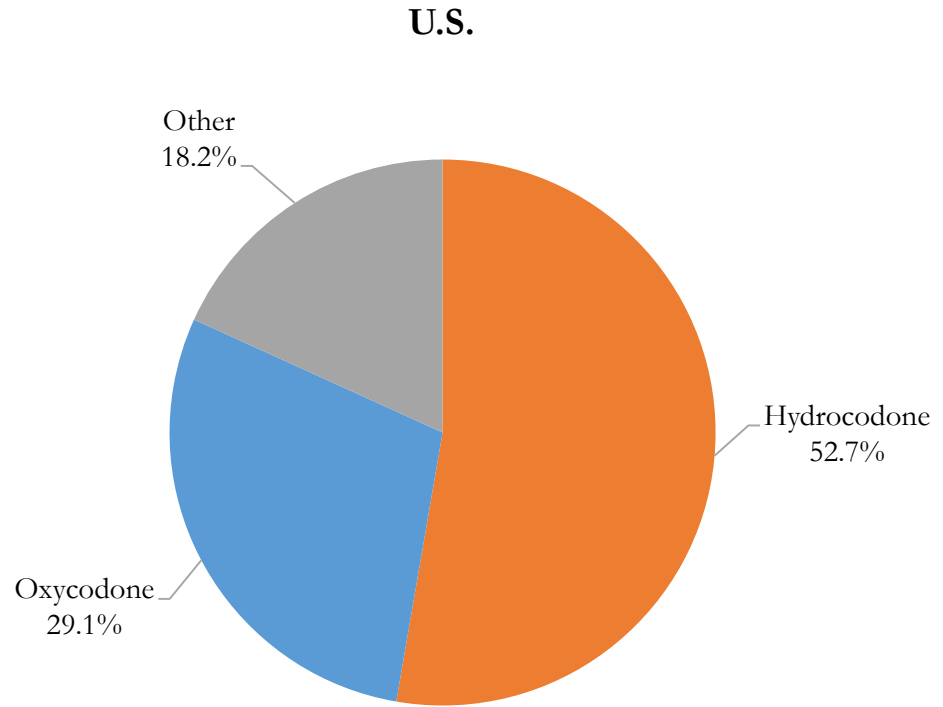
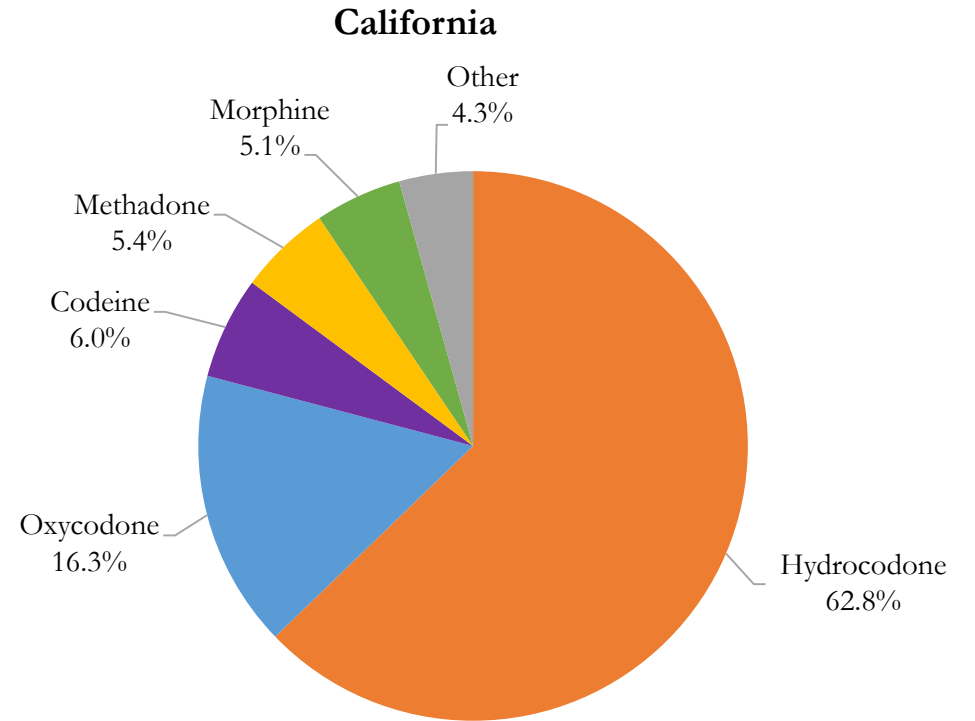


Distribution of Opioids by Drug

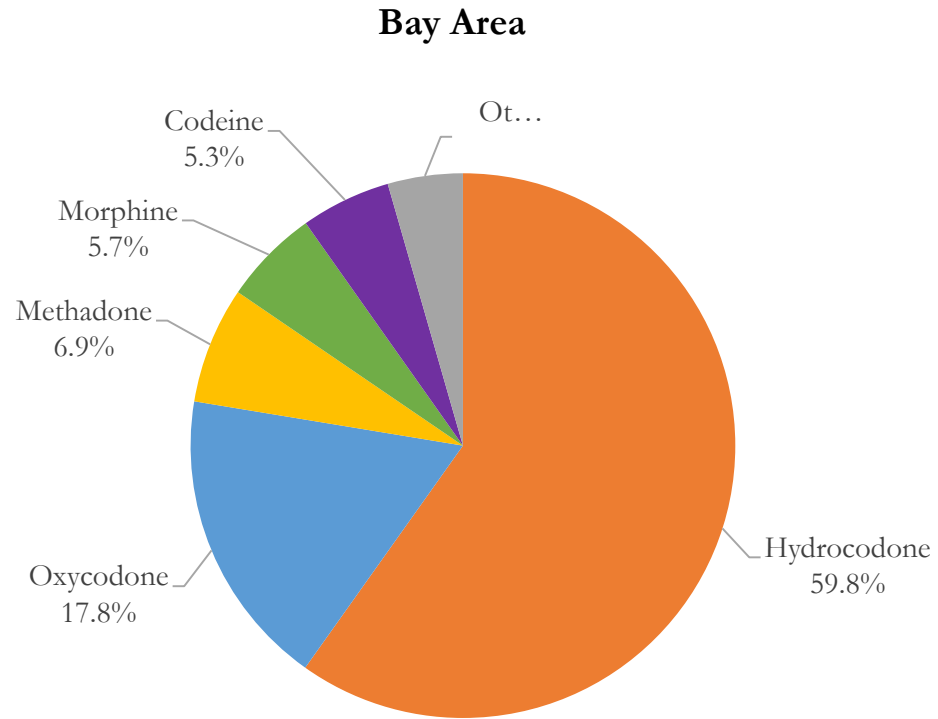


Other drugs includes Buprenorphine, Codeine, Dihydrocodeine, Fentanyl, Hydromorphone, Levorphanol, Meperidine, Methadone, Morphine, Opium (Powdered), Oxymorphone, Tapentadol.

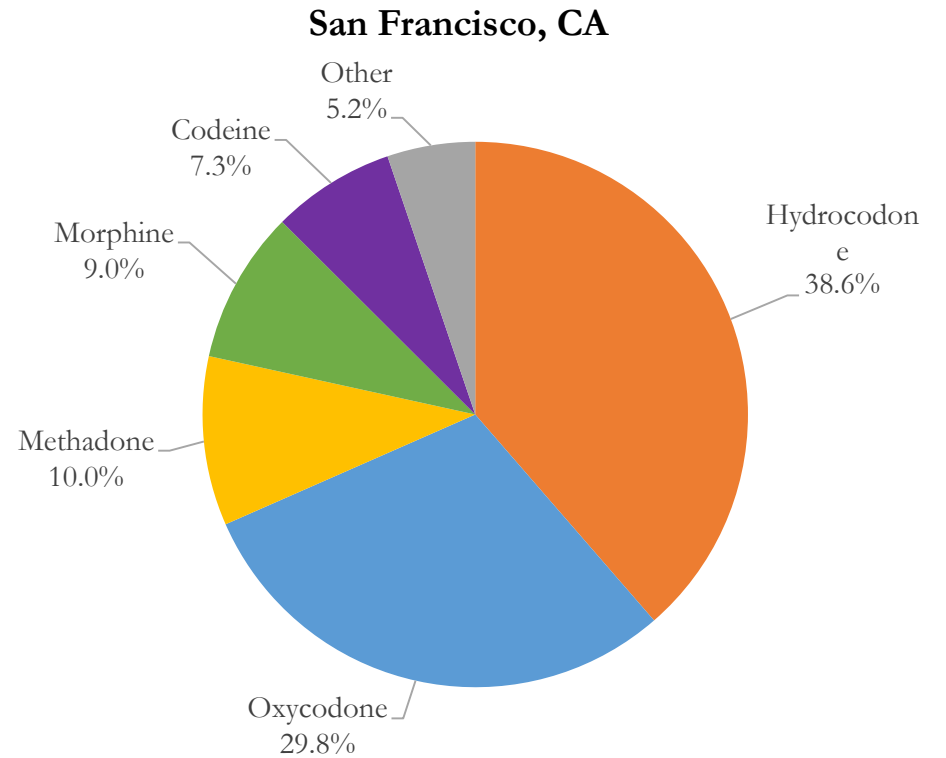


Other drugs includes Buprenorphine, Dihydrocodeine, Fentanyl, Hydromorphone, Levorphanol, Meperidine, Opium (Powdered), Oxymorphone, Tapentadol.

Distribution of Opioids by Drug



Other drugs includes Buprenorphine, Dihydrocodeine, Fentanyl, Hydromorphone, Levorphanol, Meperidine, Opium (Powdered), Oxymorphone, Tapentadol.



Other drugs includes Buprenorphine, Dihydrocodeine, Fentanyl, Hydromorphone, Levorphanol, Meperidine, Opium (Powdered), Oxymorphone, Tapentadol.

Distribution of Opioids by Drug

		U.S.		California		Bay Area		San Francisco, CA					
Average Population		308,923,291		37,322,788		7,182,435		809,711					
Drug Name	Drug Code	Total Dosage Units	Average Annual Dosage Units Per Capita	Total Dosage Unit	Average Annual Dosage Units Per Capita	Total Dosage Unit	Average Annual Dosage Units Per Capita	Total Dosage Units	Average Annual Dosage Units Per Capita				
Hydrocodone	9193	71,513,949,560	52.7%	25.72	8,957,208,799	62.8%	26.67	1,760,070,103	59.8%	27.23	120,845,306	38.6%	16.58
Oxycodone	9143	39,443,638,048	29.1%	14.19	2,327,896,863	16.3%	6.93	522,818,483	17.8%	8.09	93,205,027	29.8%	12.79
Methadone	9250B	6,591,133,464	4.9%	2.37	774,461,375	5.4%	2.31	203,785,500	6.9%	3.15	31,395,100	10.0%	4.31
Morphine	9300	6,160,024,567	4.5%	2.22	729,332,584	5.1%	2.17	167,127,904	5.7%	2.59	28,295,347	9.0%	3.88
Codeine	9050	5,542,104,687	4.1%	1.99	857,966,102	6.0%	2.55	156,951,467	5.3%	2.43	22,858,032	7.3%	3.14
Hydromorphone	9150	2,508,931,874	1.8%	0.90	344,187,465	2.4%	1.02	75,081,216	2.6%	1.16	9,673,214	3.1%	1.33
Buprenorphine	9064	1,798,413,522	1.3%	0.65	99,487,829	0.7%	0.30	22,644,809	0.8%	0.35	3,371,554	1.1%	0.46
Fentanyl	9801	827,665,591	0.6%	0.30	85,602,537	0.6%	0.25	15,849,301	0.5%	0.25	1,756,233	0.6%	0.24
Oxymorphone	9652	603,913,954	0.4%	0.22	45,874,612	0.3%	0.14	11,218,816	0.4%	0.17	907,600	0.3%	0.12
Tapentadol	9780	341,800,982	0.3%	0.12	28,285,587	0.2%	0.08	3,022,964	0.1%	0.05	199,830	0.1%	0.03
Meperidine	9230	277,898,650	0.2%	0.10	9,803,085	0.1%	0.03	1,550,825	0.1%	0.02	125,800	0.0%	0.02
Dihydrocodeine	9120	35,923,889	0.0%	0.01	370,824	0.0%	0.00	36,395	0.0%	0.00	15,755	0.0%	0.00
Levorphanol	9220L	12,966,499	0.0%	0.00	4,071,200	0.0%	0.01	1,580,100	0.1%	0.02	254,500	0.1%	0.03
Opium	9639	6,413,324	0.0%	0.00	328,452	0.0%	0.00	80,460	0.0%	0.00	11,664	0.0%	0.00
Grand Total		135,664,778,610	100.0%	48.79	14,264,877,314	100.0%	42.47	2,941,818,342	100.0%	45.51	312,914,962	100.0%	42.94

* Average Annual Dosage Units Per Capita is calculated as Total Dosage Units divided by the product of Average Population and the number of active years (9 years) of all dispensers.

Distribution of Opioids by Type of Buyer

	U.S.			California			Bay Area			San Francisco, CA		
Average Population	308,923,291			37,322,788			7,182,435			809,711		
	Total Dosage Units	Average Annual Dosage Units Per Capita		Total Dosage Unit	Average Annual Dosage Units Per Capita		Total Dosage Units	Average Annual Dosage Units Per Capita		Total Dosage Units	Average Annual Dosage Units Per Capita	
Buyer Business Activity												
Chain Pharmacy	73,841,015,364	54.4%	26.56	7,345,140,525	51.5%	21.87	1,340,284,524	45.6%	20.73	157,100,399	50.2%	21.56
Retail Pharmacy	48,200,907,883	35.5%	17.34	5,648,424,750	39.6%	16.82	1,260,748,672	42.9%	19.50	74,356,293	23.8%	10.20
Retail and Chain Pharmacy Total	122,041,923,247	90.0%	43.90	12,993,565,275	91.1%	38.68	2,601,033,196	88.4%	40.24	231,456,692	74.0%	31.76
Hospital/Clinic	4,436,208,863	3.3%	1.60	544,977,608	3.8%	1.62	175,409,707	6.0%	2.71	29,869,399	9.5%	4.10
Hosp/Clinic-VA	3,146,727,943	2.3%	1.13	284,390,670	2.0%	0.85	91,920,460	3.1%	1.42	43,147,069	13.8%	5.92
M/O Pharmacy	2,069,141,639	1.5%	0.74	2,731,234	0.0%	0.01	0	0.0%	0.00	0	0.0%	0.00
Pharmacy - Fed	1,767,041,073	1.3%	0.64	0	0.0%	0.00	0	0.0%	0.00	0	0.0%	0.00
Other*	2,203,735,844	1.6%	0.79	439,212,527	3.1%	1.31	73,454,979	2.5%	1.14	8,441,802	2.7%	1.16
Grand Total	135,664,778,610	100.0%	48.79	14,264,877,314	100.0%	42.47	2,941,818,342	100.0%	45.51	312,914,962	100.0%	42.94

* Average Annual Dosage Units Per Capita is calculated as Total Dosage Units divided by the product of Average Population and the number of active years (9 years) of all dispensers.

*Other includes Practitioner, Hosp/Clinic- Mil, Central Fill Pharmacy, Hosp/Clinic Fed, Practitioner-DW/30, Practitioner-DW/100, Practitioner-DW/275, MLP-Physician Assistant, Pharmacy- Mil, MLP-Nurse Practitioner, MLP-Nurse Practitioner-DW/30, MLP-Physician Assistant-DW/30, MLP-Naturopathic Physician, Teaching Institution, MLP-Optometrist, Practitioner-Military, Canine Handler, Comp/Maint/Detox, MLP-Animal Shelter, MLP-Ambulance Service, Maint & Detox, Automated Dispensing System, Detoxification, Maintenance, MLP-Physician Assistant-DW/100, Chain Hosp/Clinic, MLP-Nurse Practitioner-DW/100, MLP-Dept Of State, MLP-Military, Compound/Detox, Compound/Maint.

Bay Area includes Alameda, Contra Costa, Marin, Napa, San Mateo, San Francisco, Santa Clara, Solano and Sonoma counties in California.

Data source: ARCOS (2006 – 2014); U.S. Census Bureau.