

12 Opioid Drugs Manufacturer Market Share in Dosage Units

Region	U.S.		California		Bay Area		San Francisco, CA	
Manufacturer	Dosage Units	%	Dosage Units	%	Dosage Units	%	Dosage Units	%
Actavis	33,633,294,876	26.4%	3,383,145,968	25.3%	588,533,230	21.7%	92,805,440	33.3%
Par	18,029,888,175	14.2%	2,663,012,609	19.9%	729,413,591	26.9%	30,040,210	10.8%
Teva	3,177,227,653	2.5%	381,296,748	2.8%	61,512,879	2.3%	10,566,289	3.8%
Endo	4,088,126,805	3.2%	242,795,268	1.8%	50,102,536	1.8%	5,706,720	2.0%
Allergan	225,138,183	0.2%	56,139,020	0.4%	10,734,520	0.4%	1,765,900	0.6%
Cephalon	68,107,799	0.1%	8,055,320	0.1%	1,388,096	0.1%	157,694	0.1%
Subtotal	59,221,783,491	46.53%	6,734,444,933	50.29%	1,441,684,852	53.09%	141,042,253	50.59%
Other Manufacturer Total	68,053,448,133	53.47%	6,656,483,177	49.71%	1,273,703,181	46.91%	137,729,875	49.41%
Total	127,275,231,624	100.00%	13,390,928,110	100.00%	2,715,388,033	100.00%	278,772,128	100.00%

Bay Area includes Alameda County, Contra Costa County, Marin County, Napa County, San Francisco County, San Mateo County, Santa Clara County, Solano County, Sonoma County

Based on NDC provided by Manufacturer Defendants' Responses to Plaintiffs' Interrogatories and cross-checked by ARCOS

Data Source: ARCOS (2006-2014), Defendant Distribution Data

PLAINTIFFS TRIAL
EXHIBIT

P-29841_00001

12 Opioid Drugs Market Share in Dosage Units

Region	U.S.		California		Bay Area		San Francisco, CA	
Drug Name	Dosage Units	%	Dosage Units	%	Dosage Units	%	Dosage Units	%
Hydrocodone	38,292,883,029	64.7%	5,274,787,279	78.3%	1,146,500,979	79.5%	82,170,360	58.3%
Oxycodone	14,713,830,144	24.8%	763,308,650	11.3%	176,140,907	12.2%	34,738,900	24.6%
Codeine	3,623,441,947	6.1%	455,582,973	6.8%	67,958,474	4.7%	13,801,990	9.8%
Morphine	1,556,259,693	2.6%	163,328,220	2.4%	35,132,020	2.4%	8,687,220	6.2%
Oxymorphone	508,143,037	0.9%	39,343,732	0.6%	9,657,556	0.7%	798,980	0.6%
Fentanyl	304,524,413	0.5%	30,754,909	0.5%	5,169,806	0.4%	726,193	0.5%
Meperidine	210,110,710	0.4%	7,089,200	0.1%	1,087,200	0.1%	92,700	0.1%
Hydromorphone	2,446,900	0.0%	164,800	0.0%	34,200	0.0%	25,700	0.0%
Dihydrocodeine	10,143,619	0.0%	85,170	0.0%	3,710	0.0%	210	0.0%
Total	59,221,783,491	100.00%	6,734,444,933	100.00%	1,441,684,852	100.00%	141,042,253	100.00%

Oxycodone Market Manufacturer Market Share in Dosage Units

Region	U.S.		California		Bay Area		San Francisco, CA	
Manufacturer	Dosage Units	%	Dosage Units	%	Dosage Units	%	Dosage Units	%
Actavis	7,887,408,393	20.0%	379,385,550	16.3%	90,165,868	17.2%	21,973,700	23.5%
Par	3,454,984,839	8.8%	197,511,298	8.5%	46,545,800	8.9%	8,450,400	9.0%
Endo	2,863,563,251	7.3%	136,694,600	5.9%	27,651,600	5.3%	3,064,000	3.3%
Teva	507,873,661	1.3%	49,717,202	2.1%	11,777,639	2.3%	1,250,800	1.3%
Subtotal	14,713,830,144	37.30%	763,308,650	32.79%	176,140,907	33.69%	34,738,900	37.15%
Other Manufacturer Total	24,729,807,905	62.70%	1,564,588,213	67.21%	346,677,576	66.31%	58,776,027	62.85%
Total	39,443,638,048	100.00%	2,327,896,863	100.00%	522,818,483	100.00%	93,514,927	100.00%

Hydrocodone Market Manufacturer Market Share in Dosage Units

Region	U.S.		California		Bay Area		San Francisco, CA	
Manufacturer	Dosage Units	%	Dosage Units	%	Dosage Units	%	Dosage Units	%
Actavis	24,717,349,909	34.6%	2,897,749,808	32.4%	475,327,131	27.0%	64,473,750	53.3%
Par	13,102,020,783	18.3%	2,319,616,071	25.9%	659,521,148	37.5%	16,130,610	13.3%
Teva	319,877,295	0.4%	15,593,500	0.2%	3,825,700	0.2%	912,300	0.8%
Allergan	127,625,487	0.2%	40,115,800	0.4%	7,622,400	0.4%	645,300	0.5%
Endo	26,009,555	0.0%	1,712,100	0.0%	204,600	0.0%	8,400	0.0%
Subtotal	38,292,883,029	53.55%	5,274,787,279	58.89%	1,146,500,979	65.14%	82,170,360	67.87%
Other Manufacturer Total	33,221,066,532	46.45%	3,682,421,520	41.11%	613,569,124	34.86%	38,895,046	32.13%
Total	71,513,949,560	100.00%	8,957,208,799	100.00%	1,760,070,103	100.00%	121,065,406	100.00%

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Fentanyl Market Manufacturer Market Share in Dosage Units

Region	U.S.		California		Bay Area		San Francisco, CA	
Manufacturer	Dosage Units	%	Dosage Units	%	Dosage Units	%	Dosage Units	%
Actavis	168,156,722	20.3%	13,471,612	15.7%	2,727,941	17.2%	486,310	27.6%
Cephalon	68,107,799	8.2%	8,055,320	9.4%	1,388,096	8.8%	157,694	9.0%
Teva	56,256,283	6.8%	8,210,216	9.6%	919,584	5.8%	69,089	3.9%
Par	11,695,635	1.4%	968,905	1.1%	132,445	0.8%	13,100	0.7%
Endo	307,974	0.0%	48,856	0.1%	1,740	0.0%	0	0.0%
Subtotal	304,524,413	36.79%	30,754,909	35.93%	5,169,806	32.62%	726,193	41.25%
Other Manufacturer Total	523,141,178	63.21%	54,847,628	64.07%	10,679,495	67.38%	1,034,360	58.75%
Total	827,665,591	100.00%	85,602,537	100.00%	15,849,301	100.00%	1,760,553	100.00%

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Codeine Market Manufacturer Market Share in Dosage Units

Region	U.S.		California		Bay Area		San Francisco, CA	
Manufacturer	Dosage Units	%	Dosage Units	%	Dosage Units	%	Dosage Units	%
Teva	2,194,566,117	39.6%	303,340,330	35.4%	44,407,556	28.3%	8,284,200	36.2%
Par	1,308,592,058	23.6%	138,891,465	16.2%	21,860,488	13.9%	5,227,990	22.9%
Actavis	120,283,772	2.2%	13,351,178	1.6%	1,690,430	1.1%	289,800	1.3%
Subtotal	3,623,441,947	65.38%	455,582,973	53.10%	67,958,474	43.30%	13,801,990	60.38%
Other Manufacturer Total	1,918,662,740	34.62%	402,383,129	46.90%	88,992,993	56.70%	9,056,042	39.62%
Total	5,542,104,687	100.00%	857,966,102	100.00%	156,951,467	100.00%	22,858,032	100.00%

Morphine Market Manufacturer Market Share in Dosage Units

Region	U.S.		California		Bay Area		San Francisco, CA	
Manufacturer	Dosage Units	%	Dosage Units	%	Dosage Units	%	Dosage Units	%
Actavis	702,845,830	11.4%	77,037,300	10.6%	18,218,900	10.9%	5,524,520	19.5%
Endo	724,679,606	11.8%	67,250,100	9.2%	13,077,100	7.8%	1,870,900	6.6%
Allergan	97,512,696	1.6%	16,023,220	2.2%	3,112,120	1.9%	1,120,600	4.0%
Par	31,200,561	0.5%	3,015,400	0.4%	723,300	0.4%	171,200	0.6%
Teva	21,000	0.0%	2,200	0.0%	600	0.0%	0	0.0%
Subtotal	1,556,259,693	25.26%	163,328,220	22.39%	35,132,020	21.02%	8,687,220	30.64%
Other Manufacturer Total	4,603,764,874	74.74%	566,004,364	77.61%	131,995,884	78.98%	19,665,527	69.36%
Total	6,160,024,567	100.00%	729,332,584	100.00%	167,127,904	100.00%	28,352,747	100.00%

Oxymorphone Market Manufacturer Market Share in Dosage Units

Region	U.S.		California		Bay Area		San Francisco, CA	
Manufacturer	Dosage Units	%	Dosage Units	%	Dosage Units	%	Dosage Units	%
Endo	473,541,019	78.4%	37,084,912	80.8%	9,165,196	81.7%	763,120	84.1%
Teva	9,219,000	1.5%	652,000	1.4%	131,400	1.2%	17,700	2.0%
Actavis	19,236,638	3.2%	1,180,420	2.6%	237,460	2.1%	16,260	1.8%
Par	6,146,380	1.0%	426,400	0.9%	123,500	1.1%	1,900	0.2%
Subtotal	508,143,037	84.14%	39,343,732	85.76%	9,657,556	86.08%	798,980	88.03%
Other Manufacturer Total	95,770,917	15.86%	6,530,880	14.24%	1,561,260	13.92%	108,620	11.97%
Total	603,913,954	100.00%	45,874,612	100.00%	11,218,816	100.00%	907,600	100.00%

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Hydromorphone Market Manufacturer Market Share in Dosage Units

Region	U.S.		California		Bay Area		San Francisco, CA	
Manufacturer	Dosage Units	%	Dosage Units	%	Dosage Units	%	Dosage Units	%
Actavis	2,421,500	0.1%	160,100	0.0%	31,900	0.0%	25,400	0.3%
Endo	25,400	0.0%	4,700	0.0%	2,300	0.0%	300	0.0%
Subtotal	2,446,900	0.10%	164,800	0.05%	34,200	0.05%	25,700	0.26%
Other Manufacturer Total	2,506,484,974	99.90%	344,022,665	99.95%	75,047,016	99.95%	9,679,614	99.74%
Total	2,508,931,874	100.00%	344,187,465	100.00%	75,081,216	100.00%	9,705,314	100.00%

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Tapentadol Market Manufacturer Market Share in Dosage Units

Region	U.S.		California		Bay Area		San Francisco, CA	
Manufacturer	Dosage Units	%	Dosage Units	%	Dosage Units	%	Dosage Units	%
Subtotal	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Other Manufacturer Total	341,800,982	100.00%	28,285,587	100.00%	3,022,964	100.00%	199,830	100.00%
Total	341,800,982	100.00%	28,285,587	100.00%	3,022,964	100.00%	199,830	100.00%

Opium (Powdered) Market Manufacturer Market Share in Dosage Units

Region	U.S.		California		Bay Area		San Francisco, CA	
Manufacturer	Dosage Units	%	Dosage Units	%	Dosage Units	%	Dosage Units	%
Subtotal	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Other Manufacturer Total	6,413,324	100.00%	328,452	100.00%	80,460	100.00%	11,664	100.00%
Total	6,413,324	100.00%	328,452	100.00%	80,460	100.00%	11,664	100.00%

Meperidine Market Manufacturer Market Share in Dosage Units

Region	U.S.		California		Bay Area		San Francisco, CA	
Manufacturer	Dosage Units	%	Dosage Units	%	Dosage Units	%	Dosage Units	%
Par	105,104,300	37.8%	2,497,900	25.5%	503,200	32.4%	44,800	35.6%
Teva	89,414,297	32.2%	3,781,300	38.6%	450,400	29.0%	32,200	25.6%
Actavis	15,592,113	5.6%	810,000	8.3%	133,600	8.6%	15,700	12.5%
Subtotal	210,110,710	75.61%	7,089,200	72.32%	1,087,200	70.10%	92,700	73.69%
Other Manufacturer Total	67,787,940	24.39%	2,713,885	27.68%	463,625	29.90%	33,100	26.31%
Total	277,898,650	100.00%	9,803,085	100.00%	1,550,825	100.00%	125,800	100.00%

Levorphanol Market Manufacturer Market Share in Dosage Units

Region	U.S.		California		Bay Area		San Francisco, CA	
Manufacturer	Dosage Units	%	Dosage Units	%	Dosage Units	%	Dosage Units	%
Subtotal	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Other Manufacturer Total	12,966,499	100.00%	4,071,200	100.00%	1,580,100	100.00%	254,500	100.00%
Total	12,966,499	100.00%	4,071,200	100.00%	1,580,100	100.00%	254,500	100.00%

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Dihydrocodeine Market Manufacturer Market Share in Dosage Units

Region	U.S.		California		Bay Area		San Francisco, CA	
Manufacturer	Dosage Units	%	Dosage Units	%	Dosage Units	%	Dosage Units	%
Par	10,143,619	28.2%	85,170	23.0%	3,710	10.2%	210	1.3%
Subtotal	10,143,619	28.24%	85,170	22.97%	3,710	10.19%	210	1.33%
Other Manufacturer Total	25,780,270	71.76%	285,654	77.03%	32,685	89.81%	15,545	98.67%
Total	35,923,889	100.00%	370,824	100.00%	36,395	100.00%	15,755	100.00%