

Table 53: Prescribing by Labeler
(IQVIA Xponent®: Andrew Giovannini, 1997-2017)

The table is ordered by descending dosage units and displays by name Case Defendants or labelers responsible for 3% or more of prescriptions, dosage units, or MMEs prescribed by the profiled physician.

Labeler	Opioid Prescriptions	% of Opioid Prescriptions	Opioid Dosage Units	% of Opioid Dosage Units	Opioid MMEs	% of Opioid MMEs
TEVA	14,596	31.3	2,064,736	35.0	56,810,411	20.3
PHARMACEUTICALS						
PURDUE PHARMA	16,132	34.6	1,877,412	31.8	154,892,512	55.5
ENDO INTERNATIONAL	5,037	10.8	656,621	11.1	20,374,969	7.3
MALLINCKRODT INC	4,283	9.2	628,407	10.7	17,088,457	6.1
ETHEX CORP	1,313	2.8	181,386	3.1	13,845,254	5.0
ABBVIE	1,830	3.9	169,979	2.9	1,222,872	0.4
ALLERGAN	710	1.5	64,772	1.1	3,504,399	1.3
OTHER LABELERS	2,756	5.9	255,581	4.3	11,503,663	4.1
TOTAL	46,657	-	5,898,892	-	279,242,536	-

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Figure 90: Corrected Keller Table 53 Prescribing by Labeler, Dr. AG

Labeler	Opioid prescriptions (1997-2017)	% of opioid prescriptions (1997-2017)	Opioid doses (1997-2017)	% of opioid doses (1997-2017)	Opioid MMEs (1997-2017)	% of opioid MMEs (1997-2017)
PURDUE PHARMA	16,132	34.6%	1,877,412	31.8%	154,892,512	55.5%
TEVA	14,596	31.3%	2,064,736	35.0%	56,810,411	20.3%
ENDO INTERNATIONAL	5,037	10.8%	656,621	11.1%	20,374,969	7.3%
MALLINCKRODT	4,283	9.2%	628,407	10.7%	17,088,457	6.1%
ABBVIE	1,830	3.9%	169,979	2.9%	1,222,872	0.4%
ETHEX CORP	1,313	2.8%	181,386	3.1%	13,845,254	5.0%
"ALLERGAN" - NORCO	124	0.3%	14,773	0.3%	147,731	0.1%
"ALLERGAN" - KADIAN	64	0.1%	4,545	0.1%	443,698	0.2%
OTHER	3,278	7.0%	301,035	5.1%	14,416,632	5.2%
TOTAL	46,657	0.0%	5,898,892	0.0%	279,242,536	0.0%

Source: Ms. Keller's "xpo_summary_product_dr_drug_month" data; Keller Report Table 53.

Table 45: Prescribing by Labeler
(IQVIA Xponent®: John Pierce, 1997-2017)

The table is ordered by descending dosage units and displays by name Case Defendants or labelers responsible for 3% or more of prescriptions, dosage units, or MMEs prescribed by the profiled physician.

Labeler	Opioid Prescriptions	% of Opioid Prescriptions	Opioid Dosage Units	% of Opioid Dosage Units	Opioid MMEs	% of Opioid MMEs
TEVA PHARMACEUTICALS	22,630	48.1	1,622,251	43.3	20,979,428	29.9
MALLINCKRODT INC	6,480	13.8	608,721	16.2	8,785,749	12.5
ENDO INTERNATIONAL	7,485	15.9	534,789	14.3	4,995,368	7.1
WEST-WARD PHARMACEUTICAL CORP	1,713	3.6	243,767	6.5	5,787,666	8.3
PURDUE PHARMA	2,890	6.1	225,739	6.0	16,411,632	23.4
JOHNSON & JOHNSON PHARMACEUTICALS	1,257	2.7	39,860	1.1	2,834,503	4.0
ALLERGAN	396	0.8	20,249	0.5	305,792	0.4
OTHER LABELERS	4,205	8.9	452,847	12.1	10,005,496	14.3
TOTAL	47,055	-	3,748,222	-	70,105,635	-

Figure 89: Corrected Keller Table 45 Prescribing by Labeler, Dr. P

Labeler	Opioid prescriptions (1997-2017)	% of opioid prescriptions (1997-2017)	Opioid doses (1997-2017)	% of opioid doses (1997-2017)	Opioid MMEs (1997-2017)	% of opioid MMEs (1997-2017)
TEVA	22,630	48.1%	1,622,251	43.3%	20,979,423	29.9%
ENDO INTERNATIONAL	7,485	15.9%	534,789	14.3%	4,995,368	7.1%
MALLINCKRODT	6,480	13.8%	608,721	16.2%	8,785,749	12.5%
PURDUE PHARMA	2,890	6.1%	225,739	6.0%	16,411,632	23.4%
WEST-WARD	1,713	3.6%	243,767	6.5%	5,787,666	8.3%
JOHNSON & JOHNSON	1,257	2.7%	39,860	1.1%	2,834,503	4.0%
"ALLERGAN" - NORCO	147	0.3%	10,920	0.29%	109,141	0.2%
"ALLERGAN" - KADIAN	14	0.03%	739	0.02%	45,286	0.1%
OTHER	4,440	9.4%	461,437	12.3%	10,156,861	14.5%
TOTAL	47,055	0.0%	3,748,222	0.0%	70,105,635	0.0%

Source: Ms. Keller's "xpo_summary_product_dr_drug_month" data; Keller Report Table 45.

Table 18: Prescribing by Labeler
(IQVIA Xponent®: Masami Hattori, 1997-2017)

The table is ordered by descending dosage units and displays by name Case Defendants or labelers responsible for 3% or more of prescriptions, dosage units, or MMEs prescribed by the profiled physician.

Labeler	Opioid Prescriptions	% of Opioid Prescriptions	Opioid Dosage Units	% of Opioid Dosage Units	Opioid MMEs	% of Opioid MMEs
TEVA PHARMACEUTICALS	22,631	25.8	2,151,485	27.0	52,395,787	20.2
MALLINCKRODT INC	15,495	17.7	1,739,045	21.8	40,447,122	15.6
ENDO INTERNATIONAL	11,056	12.6	1,100,587	13.8	27,055,355	10.4
PURDUE PHARMA	10,694	12.2	863,357	10.8	40,365,327	15.5
WEST-WARD PHARMACEUTICAL CORP	5,572	6.3	834,944	10.5	20,863,263	8.0
ALLERGAN	4,330	4.9	234,557	2.9	10,729,853	4.1
PFIZER INC	3,054	3.5	156,459	2.0	13,856,504	5.3
MYLAN PHARMACEUTICALS	5,377	6.1	115,784	1.5	27,238,151	10.5
OTHER LABELERS	9,568	10.9	781,771	9.8	26,986,891	10.4
TOTAL	87,777	-	7,977,989	-	259,938,253	-

Figure 86: Corrected Keller Table 18 Prescribing by Labeler, Dr. H

Labeler	Opioid prescriptions (1997-2017)	% of opioid prescriptions (1997-2017)	Opioid doses (1997-2017)	% of opioid doses (1997-2017)	Opioid MMEs (1997-2017)	% of opioid MMEs (1997-2017)
TEVA	22,631	25.8%	2,151,485	27.0%	52,395,787	20.2%
MALLINCKRODT	15,495	17.7%	1,739,045	21.8%	40,447,122	15.6%
ENDO INTERNATIONAL	11,056	12.6%	1,100,587	13.8%	27,055,355	10.4%
PURDUE PHARMA	10,694	12.2%	863,357	10.8%	40,365,327	15.5%
WEST-WARD PHARMACEUTICAL CORP	5,572	6.3%	834,944	10.5%	20,863,263	8.0%
MYLAN PHARMACEUTICALS	5,377	6.1%	115,784	1.5%	27,238,151	10.5%
PFIZER	3,054	3.5%	156,459	2.0%	13,856,504	5.3%
"ALLERGAN" - KADIAN	1,445	1.6%	86,089	1.1%	4,721,617	1.8%
"ALLERGAN" - NORCO	442	0.5%	48,477	0.6%	468,255	0.2%
OTHER	12,010	13.7%	881,762	11.1%	32,526,872	12.5%
TOTAL	87,777	-	7,977,989	-	259,938,253	-

Source: Ms. Keller's "xpo_summary_product_dr_drug_month" data; Keller Report Table 18.

Table 27: Prescribing by Labeler
(IQVIA Xponent®: Guido Gores, 1997-2017)

The table is ordered by descending dosage units and displays by name Case Defendants or labelers responsible for 3% or more of prescriptions, dosage units, or MMEs prescribed by the profiled physician.

Labeler	Opioid Prescriptions	% of Opioid Prescriptions	Opioid Dosage Units	% of Opioid Dosage Units	Opioid MMEs	% of Opioid MMEs
TEVA PHARMACEUTICALS	13,034	48.2	1,534,606	43.5	29,189,680	31.7
MALLINCKRODT INC	3,605	13.3	541,388	15.4	12,414,647	13.5
WEST-WARD PHARMACEUTICAL CORP	2,404	8.9	508,011	14.4	13,629,736	14.8
ENDO INTERNATIONAL	2,591	9.6	257,904	7.3	4,774,380	5.2
PURDUE PHARMA	2,255	8.3	232,187	6.6	19,128,385	20.7
ASCEND LABS	374	1.4	98,179	2.8	2,945,358	3.2
KVK-TECH	497	1.8	93,475	2.7	3,090,113	3.4
ALLERGAN	77	0.3	5,334	0.2	323,623	0.4
OTHER LABELERS	2,185	8.1	253,125	7.2	6,725,220	7.3
TOTAL	27,023	-	3,524,209	-	92,221,142	-

Figure 87: Corrected Keller Table 27 Prescribing by Labeler, Dr. GG

Labeler	Opioid prescriptions (1997-2017)	% of opioid prescriptions (1997-2017)	Opioid doses (1997-2017)	% of opioid doses (1997-2017)	Opioid MMEs (1997-2017)	% of opioid MMEs (1997-2017)
TEVA	13,034	48.23%	1,534,606	43.54%	29,189,680	31.65%
MALLINCKRODT	3,605	13.34%	541,388	15.36%	12,414,647	13.46%
ENDO INTERNATIONAL	2,591	9.59%	257,904	7.32%	4,774,380	5.18%
WEST-WARD	2,404	8.90%	508,011	14.41%	13,629,736	14.78%
PURDUE PHARMA	2,255	8.34%	232,187	6.59%	19,128,385	20.74%
KVK-TECH	497	1.84%	93,475	2.65%	3,090,113	3.35%
ASCEND LABS	374	1.38%	98,179	2.79%	2,945,358	3.19%
"ALLERGAN" - KADIAN	25	0.09%	1,544	0.04%	154,415	0.17%
"ALLERGAN" - NORCO	9	0.03%	1,157	0.03%	11,575	0.01%
OTHER	2,229	8.25%	255,758	7.26%	6,882,853	7.46%
TOTAL	27,023	-	3,524,209	-	92,221,142	-

Source: Ms. Keller's "xpo_summary_product_dr_drug_month" data; Keller Report Table 27.

Figure 19: Annual Kadian and Norco prescribing for Andrew Giovannini

National Date	Opioid Prescriptions	Kadian Prescriptions	Norco Prescriptions
1997	791	-	-
1998	923	-	-
1999	1,279	-	24
2000	1,477	-	23
2001	1,540	-	1
2002	2,401	-	-
2003	2,201	-	2
2004	2,943	-	4
2005	2,938	-	-
2006	2,869	-	12
2007	3,105	-	9
2008	4,915	-	10
2009	7,887	43	21
2010	10,139	18	15
2011	1,249	3	3
Total	46,657	64	124
Share of total	100.00%	0.14%	0.27%

Figure 20: Annual Kadian and Norco prescribing for Guido Gores

National Date	Opioid Prescriptions	Kadian Prescriptions	Norco Prescriptions
1997	1,225	-	-
1998	1,324	-	-
1999	1,350	-	-
2000	1,476	-	-
2001	1,558	-	-
2002	739	-	-
2003	807	-	-
2004	760	-	-
2005	884	-	-
2006	952	-	-
2007	1,092	-	-
2008	1,155	-	-
2009	1,189	9	2
2010	1,531	10	-
2011	1,586	5	-
2012	1,875	-	-
2013	1,846	-	7
2014	1,576	-	-
2015	1,505	-	-
2016	1,303	-	-
2017	1,288	-	-
Total	27,023	25	9
Share of total	100.00%	0.09%	0.03%

Figure 21: Annual Kadian and Norco prescribing for John Pierce

National Date	Opioid Prescriptions	Kadian Prescriptions	Norco Prescriptions
1997	3,297	-	-
1998	3,212	-	10
1999	3,368	-	66
2000	3,139	-	21
2001	2,573	-	-
2002	2,554	-	2
2003	2,662	-	-
2004	2,900	-	2
2005	2,685	-	2
2006	1,798	-	11
2007	1,801	-	10
2008	1,653	-	5
2009	1,631	2	4
2010	1,854	-	2
2011	1,766	9	-
2012	1,668	1	-
2013	1,792	-	4
2014	1,768	1	3
2015	1,702	-	4
2016	1,702	-	-
2017	1,529	-	-
Total	47,055	14	147
Share of total	100.00%	0.03%	0.31%

Figure 22: Annual Kadian and Norco prescribing for Masami Hattori

National Date	Opioid Prescriptions	Kadian Prescriptions	Norco Prescriptions
1997	14	-	-
2001	20	-	-
2002	112	-	5
2003	1,222	-	77
2004	2,722	-	44
2005	3,857	-	14
2006	4,700	-	21
2007	5,525	-	34
2008	5,750	-	36
2009	6,709	438	63
2010	7,519	355	30
2011	5,389	253	19
2012	8,321	216	22
2013	10,269	111	42
2014	8,638	49	10
2015	5,899	7	9
2016	5,344	7	12
2017	5,765	8	2
Total	87,777	1,445	442
Share of total	100.00%	1.65%	0.50%