

Top Pharmacy Dispensed Drugs Analytic Notes

The information in these tables was developed by classifying the Medi-Cal paid claims First Databank SmartKey by the General Therapeutic Class (GTC).

The Smart Key is part of First DataBank's drug information system and is composed of eight fields. It is called SKEY for short and it "leverages existing National Drug Data File (NDDF(TM)) data with two new codified fields resulting in a unique field, initially consisting of seven independent codes: High level therapeutic class, specific therapeutic class code, modified hierarchical ingredient code list sequence number, a new strength code, dosage form code, route of administration code and a new package size code."

The Smart Key "accommodates both general as well as specific classification of drugs, with ingredient, strength, dosage, route, and package size identification. The Smart Key was designed for purchasing agents and for applications requiring formulary definition. Applications used for selecting and stratifying drug products on the basis of product groups, require a great deal of flexibility. For instance, it may be necessary to identify all NDCs (National Drug Codes), with a certain combination of ingredients, dose, route, package size, and in unit dose form. The Smart Key would allow this identification, without having to specify NDCs. From this specific Smart Key definition all current NDC could then be selected and made part of the request for bid."

The quoted information is from the Smart Key Specification dated April 2, 1993, copyrighted by The Hearst Corporation.

The Medi-Cal paid claims included in this report are limited to fee-for-service Medi-Cal payments to pharmacies. Claims for medical supplies were excluded from the universe. Services provided to beneficiaries enrolled in Medi-Cal managed care are not included unless the service was "carved out" and provided via Medi-Cal fee-for-service. The information is also dependent on the accuracy of National Drug Codes (NDC) billed on the claim.

Expenditures do not include drug rebates.

Unduplicated user counts were calculated by summarizing the paid claims data by expenditure, GTC, beneficiary gender, beneficiary age, and unique beneficiary Client Index Number (CIN). The result is a file with one unique record per beneficiary CIN and therapeutic class.

Source for Top Pharmacy Dispensed Drugs reporting: Fee-For-Service Medi-Cal Paid Claims System, Medi-Cal Paid Claims Standard 35-File

Suggested Citation: State of California, Department of Health Care Services, Top 20 Pharmacy Dispensed Drugs Provided to Beneficiaries in the Medi-Cal Program, Fiscal Year 2008/09. Report Date: July 2010.

**Medi-Cal Top 20 Pharmacy Dispensed Drugs
 Provided to Beneficiaries Age 13 and Up
 Female versus Male
 Fiscal Year 2008/09**

Ranked By Expenditures	Female Beneficiaries	Male Beneficiaries
1	Psychotherapeutic Drugs	Psychotherapeutic Drugs
2	Contraceptives	Antiinfectives/Miscellaneous
3	Gastrointestinal	Blood
4	Cardiovascular	CNS Drugs
5	CNS Drugs	Cardiovascular
6	Analgesics	Gastrointestinal
7	Antiinfectives/Miscellaneous	Analgesics
8	Hypoglycemics	Hypoglycemics
9	Antiasthmatics	Elect/Caloric/H2O
10	Diagnostic	Antiasthmatics
11	Elect/Caloric/H2O	Diagnostic
12	Antiinfectives	Antineoplastics
13	Antiarthritics	Immunosuppresant
14	Antineoplastics	Hormones
15	Blood	Antiinfectives
16	EENT Preps	EENT Preps
17	Sedative/Hypnotics	Autonomic Drugs
18	Hormones	Antiarthritics
19	Immunosuppresant	Cardiac Drugs
20	Autonomic Drugs	Skin Preps

Please refer to Top Pharmacy Dispensed Drugs - Analytic Notes for methodology and data limitations.

Source: Fee-For-Service Medi-Cal Paid Claims System, Medi-Cal Paid Claims Standard 35-File.

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**Top 20 Pharmacy Dispensed Drugs
Provided to Women in the Medi-Cal Program
Age 13 and Up
Fiscal Year 2008/09**

Therapeutic Class	Medi-Cal Expenditures	Unduplicated Users	Annual Cost per User
Psychotherapeutic Drugs	\$348,415,342	264,278	\$1,318
Contraceptives	\$132,470,538	72,255	\$1,833
Gastrointestinal	\$116,594,143	344,467	\$338
Cardiovascular	\$108,856,463	164,167	\$663
CNS Drugs	\$94,329,744	107,556	\$877
Analgesics	\$80,083,311	498,773	\$161
Antiinfectives/Miscellaneous	\$79,646,806	129,805	\$614
Hypoglycemics	\$68,341,598	85,915	\$795
Antiasthmatics	\$54,112,435	101,517	\$533
Diagnostic	\$53,543,112	136,640	\$392
Elect/Caloric/H2O	\$39,966,128	296,436	\$135
Antiinfectives	\$32,558,434	396,298	\$82
Antiarthritics	\$29,934,242	307,904	\$97
Antineoplastics	\$28,355,734	12,129	\$2,338
Blood	\$27,225,587	24,698	\$1,102
EENT Preps	\$20,898,384	109,674	\$191
Sedative/Hypnotics	\$16,906,356	78,621	\$215
Hormones	\$16,840,750	81,296	\$207
Immunosuppresant	\$13,620,540	3,072	\$4,434
Autonomic Drugs	\$13,338,695	68,863	\$194

Payment amounts do not reflect drug rebates.

Please refer to Top Pharmacy Dispensed Drugs - Analytic Notes for methodology and data limitations.

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**Top 20 Pharmacy Dispensed Drugs
Provided to Women in the Medi-Cal Program
Age Group: 13-18
Fiscal Year 2008/09**

Therapeutic Class	Age Group		
	13-18		
	Medi-Cal Expenditures	Unduplicated Users	Annual Cost per User
Psychotherapeutic Drugs	\$21,763,543	15,346	\$1,418
Contraceptives	\$11,743,665	10,950	\$1,072
CNS Drugs	\$9,487,980	5,338	\$1,777
Hormones	\$4,598,505	7,898	\$582
Antiinfectives	\$3,846,735	51,563	\$75
Antiinfectives/Miscellaneous	\$3,754,779	8,942	\$420
Gastrointestinal	\$3,694,378	15,680	\$236
Elect/Caloric/H2O	\$3,295,065	14,239	\$231
Antiasthmatics	\$3,252,012	12,978	\$251
Hypoglycemics	\$2,554,801	2,071	\$1,234
Immunosuppresant	\$2,074,606	483	\$4,295
Antiarthritics	\$1,695,056	32,514	\$52
Diagnostic	\$1,571,357	1,866	\$842
Blood	\$1,445,949	439	\$3,294
EENT Preps	\$1,383,600	14,272	\$97
Autonomic Drugs	\$1,244,614	2,384	\$522
Skin Preps	\$1,128,430	16,903	\$67
Analgesics	\$759,371	25,875	\$29
Cardiovascular	\$619,461	2,054	\$302
Antineoplastics	\$585,649	430	\$1,362

Payment amounts do not reflect drug rebates.

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**Top 20 Pharmacy Dispensed Drugs
 Provided to Women in the Medi-Cal Program
 Age Group: 19-64
 Fiscal Year 2008/09**

Therapeutic Class	Age Group		
	19-64		
	Medi-Cal Expenditures	Unduplicated Users	Annual Cost per User
Psychotherapeutic Drugs	\$314,899,723	198,958	\$1,583
Contraceptives	\$120,708,637	61,275	\$1,970
Gastrointestinal	\$95,528,255	233,628	\$409
Cardiovascular	\$81,815,505	122,137	\$670
CNS Drugs	\$81,444,631	85,064	\$957
Antiinfectives/Miscellaneous	\$73,587,602	110,065	\$669
Analgesics	\$71,161,759	310,420	\$229
Hypoglycemics	\$55,322,752	67,421	\$821
Antiasthmatics	\$46,342,270	80,767	\$574
Diagnostic	\$29,179,780	71,635	\$407
Antiinfectives	\$27,470,165	321,097	\$86
Antiarthritics	\$25,900,225	255,758	\$101
Antineoplastics	\$24,377,009	10,170	\$2,397
Blood	\$21,492,402	16,129	\$1,333
Elect/Caloric/H2O	\$19,932,079	168,202	\$119
EENT Preps	\$15,099,005	79,348	\$190
Sedative/Hypnotics	\$12,889,725	52,221	\$247
Hormones	\$11,392,812	67,938	\$168
Immunosuppressant	\$11,215,135	2,478	\$4,526
Skin Preps	\$10,304,386	92,423	\$111

Payment amounts do not reflect drug rebates.

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**Top 20 Pharmacy Dispensed Drugs
Provided to Women in the Medi-Cal Program
Age Group: 65+
Fiscal Year 2008/09**

Therapeutic Class	Age Group		
	65&Up		
	Medi-Cal Expenditures	Unduplicated Users	Annual Cost per User
Cardiovascular	\$26,421,497	39,976	\$661
Diagnostic	\$22,791,975	63,139	\$361
Gastrointestinal	\$17,371,510	95,159	\$183
Elect/Caloric/H2O	\$16,738,985	113,995	\$147
Psychotherapeutic Drugs	\$11,752,075	49,974	\$235
Hypoglycemics	\$10,464,045	16,423	\$637
Analgesics	\$8,162,180	162,478	\$50
Antiasthmatics	\$4,518,153	7,772	\$581
EENT Preps	\$4,415,778	16,054	\$275
Blood	\$4,287,236	8,130	\$527
Autonomic Drugs	\$4,088,915	17,513	\$233
Sedative/Hypnotics	\$3,898,379	25,396	\$154
Cardiac Drugs	\$3,825,799	18,568	\$206
Cough/Cold Preparations	\$3,797,082	100,322	\$38
CNS Drugs	\$3,397,133	17,154	\$198
Antineoplastics	\$3,393,076	1,529	\$2,219
Antihistamines	\$2,878,428	55,483	\$52
Antiarthritics	\$2,338,961	19,632	\$119
Antiinfectives/Miscellaneous	\$2,304,426	10,798	\$213
Vitamins	\$1,685,396	31,814	\$53

Payment amounts do not reflect drug rebates.

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**Top 20 Pharmacy Dispensed Drugs
Provided to Men in the Medi-Cal Program
Age 13 and Up
Fiscal Year 2008/09**

Therapeutic Class	Medi-Cal Expenditures	Unduplicated Users	Annual Cost per User
Psychotherapeutic Drugs	\$332,072,452	160,092	\$2,074
Antiinfectives/Miscellaneous	\$134,875,299	54,977	\$2,453
Blood	\$112,375,235	21,762	\$5,164
CNS Drugs	\$81,335,302	75,993	\$1,070
Cardiovascular	\$71,205,919	114,315	\$623
Gastrointestinal	\$67,452,176	155,473	\$434
Analgesics	\$54,119,118	264,081	\$205
Hypoglycemics	\$41,642,045	50,546	\$824
Elect/Caloric/H2O	\$34,743,529	77,273	\$450
Antiasthmatics	\$32,499,901	56,771	\$572
Diagnostic	\$27,421,570	73,533	\$373
Antineoplastics	\$19,164,350	4,113	\$4,659
Immunosuppresant	\$14,227,547	2,261	\$6,293
Hormones	\$13,969,959	32,275	\$433
Antiinfectives	\$12,309,183	164,183	\$75
EENT Preps	\$12,112,853	58,679	\$206
Autonomic Drugs	\$11,274,161	48,598	\$232
Antiarthritics	\$11,006,047	118,593	\$93
Cardiac Drugs	\$9,308,308	42,569	\$219
Skin Preps	\$9,201,374	82,844	\$111

Payment amounts do not reflect drug rebates.

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**Top 20 Pharmacy Dispensed Drugs
 Provided to Men in the Medi-Cal Program
 Age Group: 13-18
 Fiscal Year 2008/09**

Therapeutic Class	Age Group		
	13-18		
	Medi-Cal Expenditures	Unduplicated Users	Annual Cost per User
Blood	\$44,306,916	688	\$64,400
Psychotherapeutic Drugs	\$42,885,717	21,376	\$2,006
CNS Drugs	\$11,220,609	6,453	\$1,739
Hormones	\$7,446,434	7,170	\$1,039
Elect/Caloric/H2O	\$4,461,829	4,304	\$1,037
Antiasthmatics	\$3,876,854	12,956	\$299
Antiinfectives/Miscellaneous	\$3,589,541	4,684	\$766
Gastrointestinal	\$3,258,637	8,193	\$398
Autonomic Drugs	\$3,150,700	4,208	\$749
Hypoglycemics	\$2,616,020	1,704	\$1,535
Antiinfectives	\$2,495,544	37,387	\$67
Immunosuppresant	\$2,040,750	393	\$5,193
Diagnostic	\$1,464,323	1,465	\$1,000
EENT Preps	\$1,405,230	12,179	\$115
Antiarthritics	\$1,161,715	22,437	\$52
Skin Preps	\$1,046,327	15,464	\$68
Antineoplastics	\$932,002	406	\$2,296
Cardiovascular	\$843,219	3,707	\$227
Antihistamines	\$572,235	13,623	\$42
Analgesics	\$485,974	18,937	\$26

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**Top 20 Pharmacy Dispensed Drugs
Provided to Men in the Medi-Cal Program
Age Group: 19-64
Fiscal Year 2008/09**

Therapeutic Class	Age Group		
	19-64		
	Medi-Cal Expenditures	Unduplicated Users	Annual Cost per User
Psychotherapeutic Drugs	\$283,363,187	118,263	\$2,396
Antiinfectives/Miscellaneous	\$129,142,870	44,276	\$2,917
CNS Drugs	\$68,287,341	61,514	\$1,110
Blood	\$64,705,544	15,352	\$4,215
Cardiovascular	\$56,623,096	88,032	\$643
Gastrointestinal	\$55,681,706	96,093	\$579
Analgesics	\$49,392,819	150,173	\$329
Hypoglycemics	\$33,880,147	40,219	\$842
Antiasthmatics	\$25,132,915	38,773	\$648
Elect/Caloric/H2O	\$21,797,861	33,616	\$648
Antineoplastics	\$15,299,109	2,931	\$5,220
Diagnostic	\$13,949,809	37,331	\$374
Immunosuppresant	\$11,802,715	1,792	\$6,586
Antiinfectives	\$9,133,518	115,747	\$79
Antiarthritics	\$8,961,876	86,304	\$104
EENT Preps	\$8,248,070	37,644	\$219
Skin Preps	\$7,286,247	50,054	\$146
Cardiac Drugs	\$7,197,552	32,012	\$225
Sedative/Hypnotics	\$6,560,457	32,709	\$201
Hormones	\$6,211,205	22,784	\$273

Payment amounts do not reflect drug rebates.

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**Top 20 Pharmacy Dispensed Drugs
Provided to Men in the Medi-Cal Program
Age Group: 65+
Fiscal Year 2008/09**

Therapeutic Class	Age Group		
	65&Up		
	Medi-Cal Expenditures	Unduplicated Users	Annual Cost per User
Cardiovascular	\$13,739,604	22,576	\$609
Diagnostic	\$12,007,438	34,737	\$346
Gastrointestinal	\$8,511,833	51,187	\$166
Elect/Caloric/H2O	\$8,483,839	39,353	\$216
Psychotherapeutic Drugs	\$5,823,548	20,453	\$285
Hypoglycemics	\$5,145,877	8,623	\$597
Analgesics	\$4,240,326	94,971	\$45
Antiasthmatics	\$3,490,132	5,042	\$692
Blood	\$3,362,776	5,722	\$588
Antineoplastics	\$2,933,240	776	\$3,780
EENT Preps	\$2,459,553	8,856	\$278
Autonomic Drugs	\$2,288,176	9,216	\$248
Cough/Cold Preparations	\$2,235,112	54,866	\$41
Antiinfectives/Miscellaneous	\$2,142,889	6,017	\$356
Cardiac Drugs	\$2,012,919	10,104	\$199
CNS Drugs	\$1,827,352	8,026	\$228
Sedative/Hypnotics	\$1,739,947	13,183	\$132
Antihistamines	\$1,407,294	29,255	\$48
Vitamins	\$979,598	18,368	\$53
Antiarthritics	\$882,456	9,852	\$90

Payment amounts do not reflect drug rebates.

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