

Prescription Drug Utilization and Cost Trends, 2009-2013

Pension and Health Benefits Committee

October 14, 2014

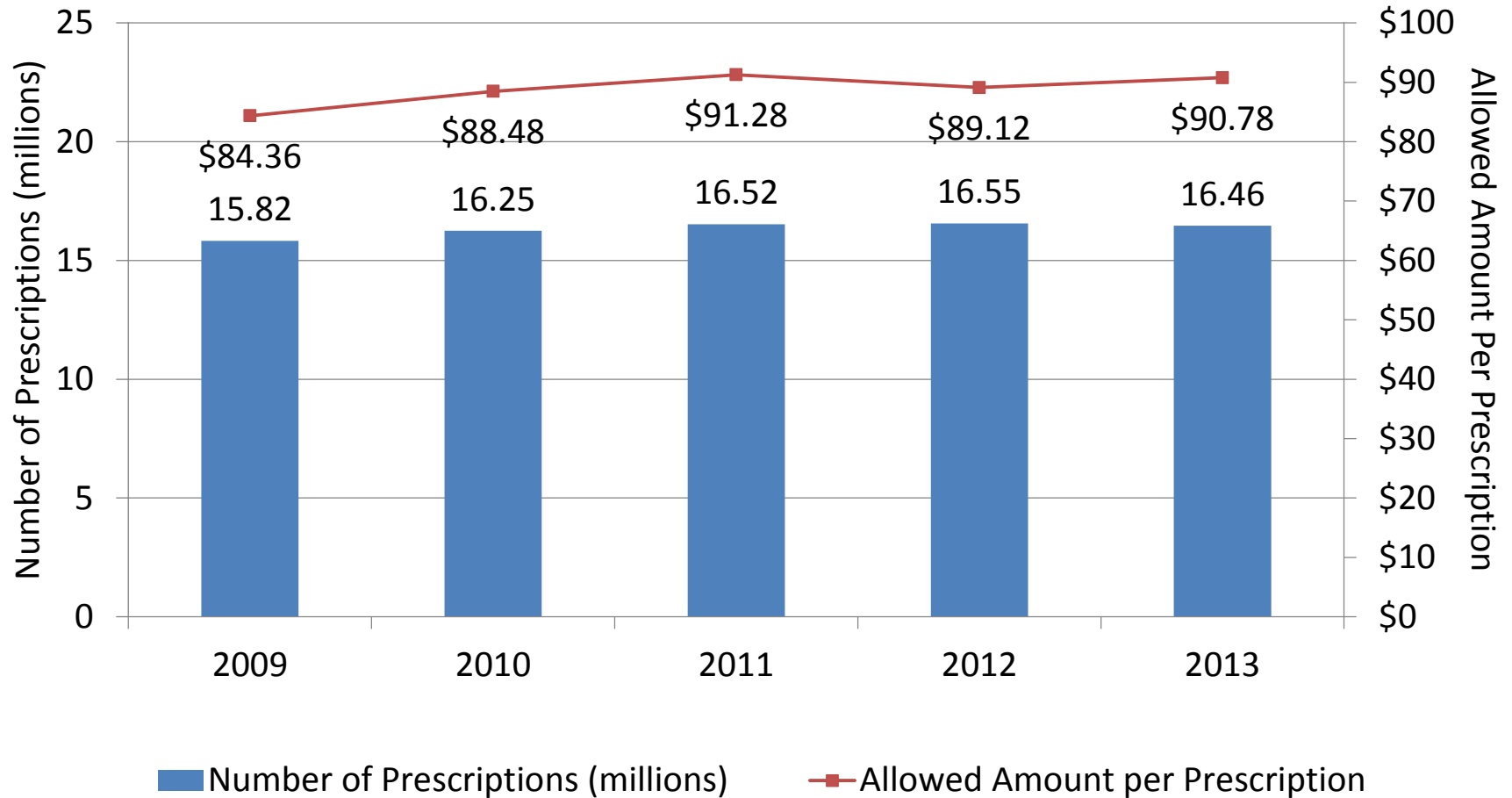
Melissa Mantong, PharmD

CalPERS Pharmacist

- Trends in prescriptions and costs
- Generic dispensing trends
- 2013 costs by prescription drug type
- Specialty drug trends



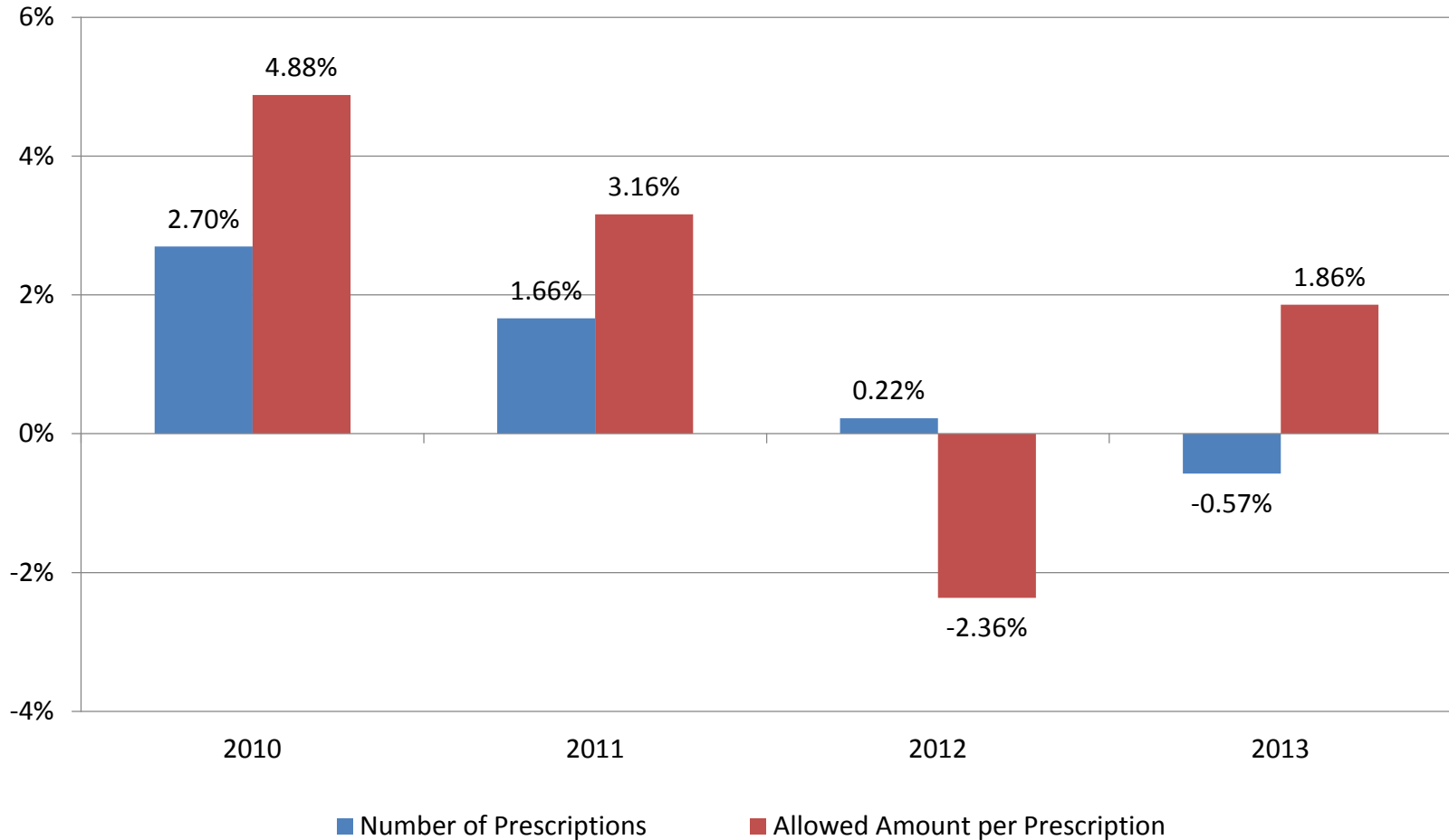
Number of Prescriptions and Cost Per Prescription



Source: CalPERS HCDSS
Includes Basic and Medicare members in all plans.



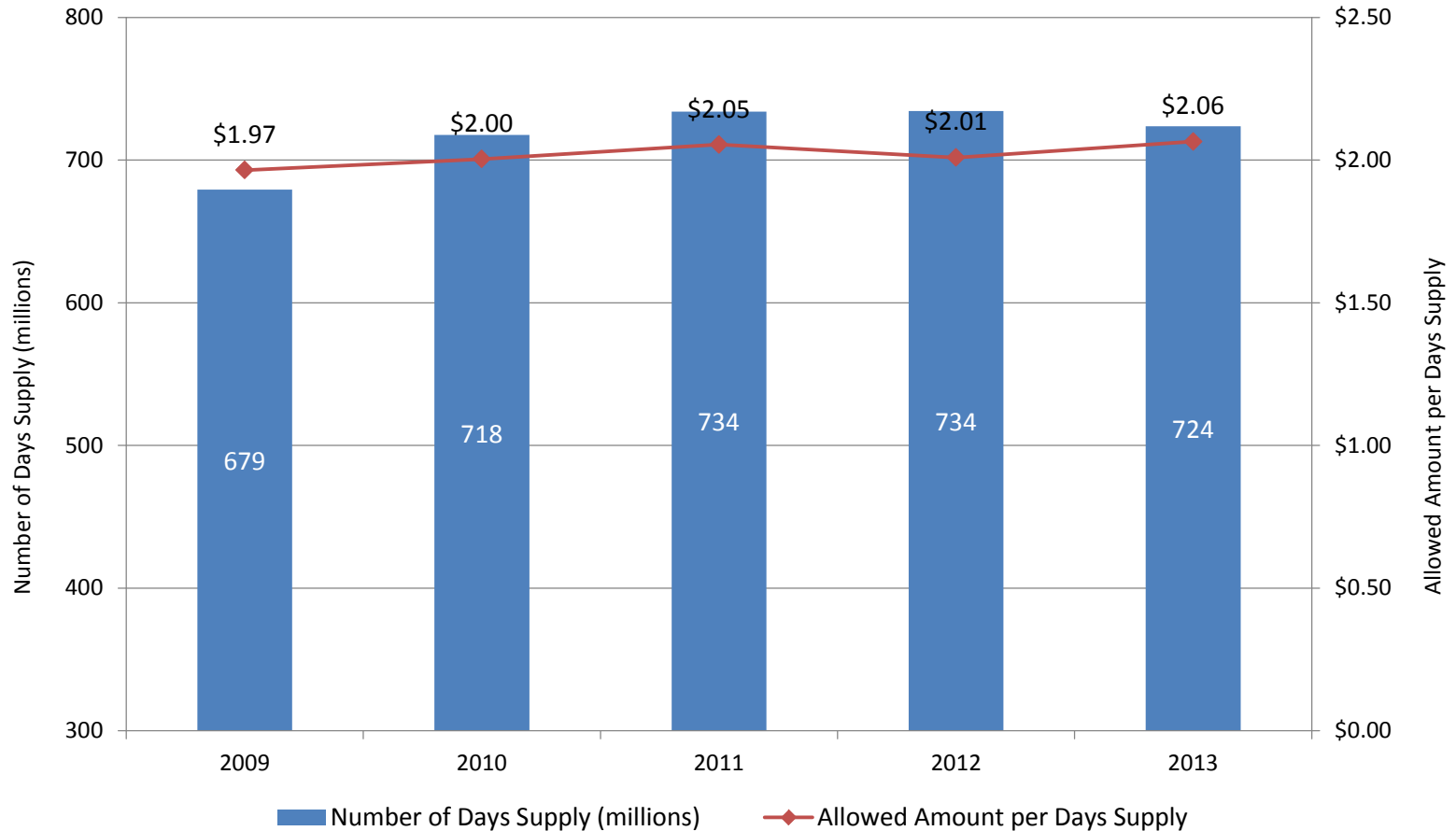
Cost per Prescription and Number of Prescriptions - Annual Changes



Source: CalPERS HCDSS
Includes Basic and Medicare members in all plans.



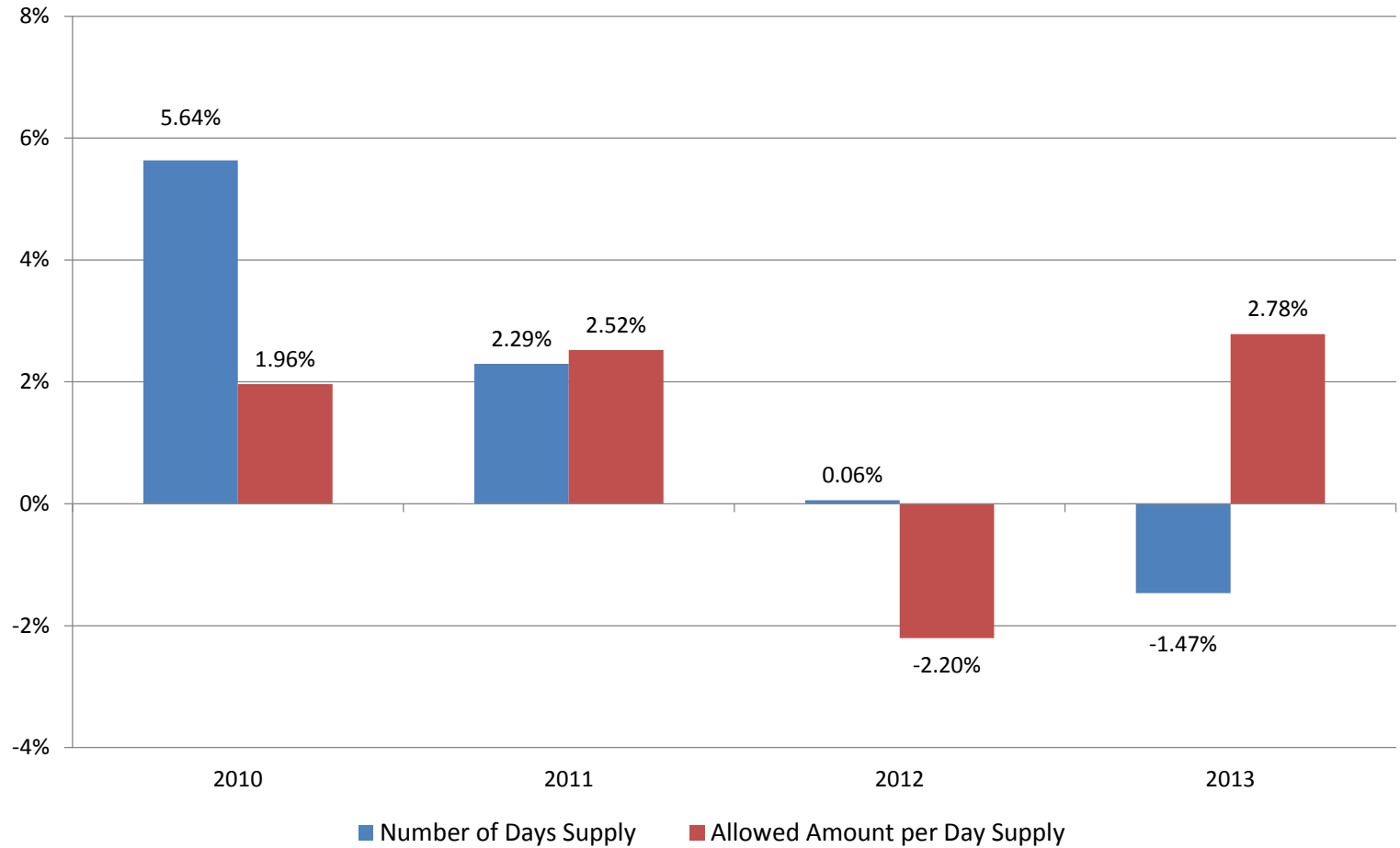
Cost Per Days Supply and Number of Days Supply



Source: CalPERS HCDSS
Includes Basic and Medicare members in all plans.



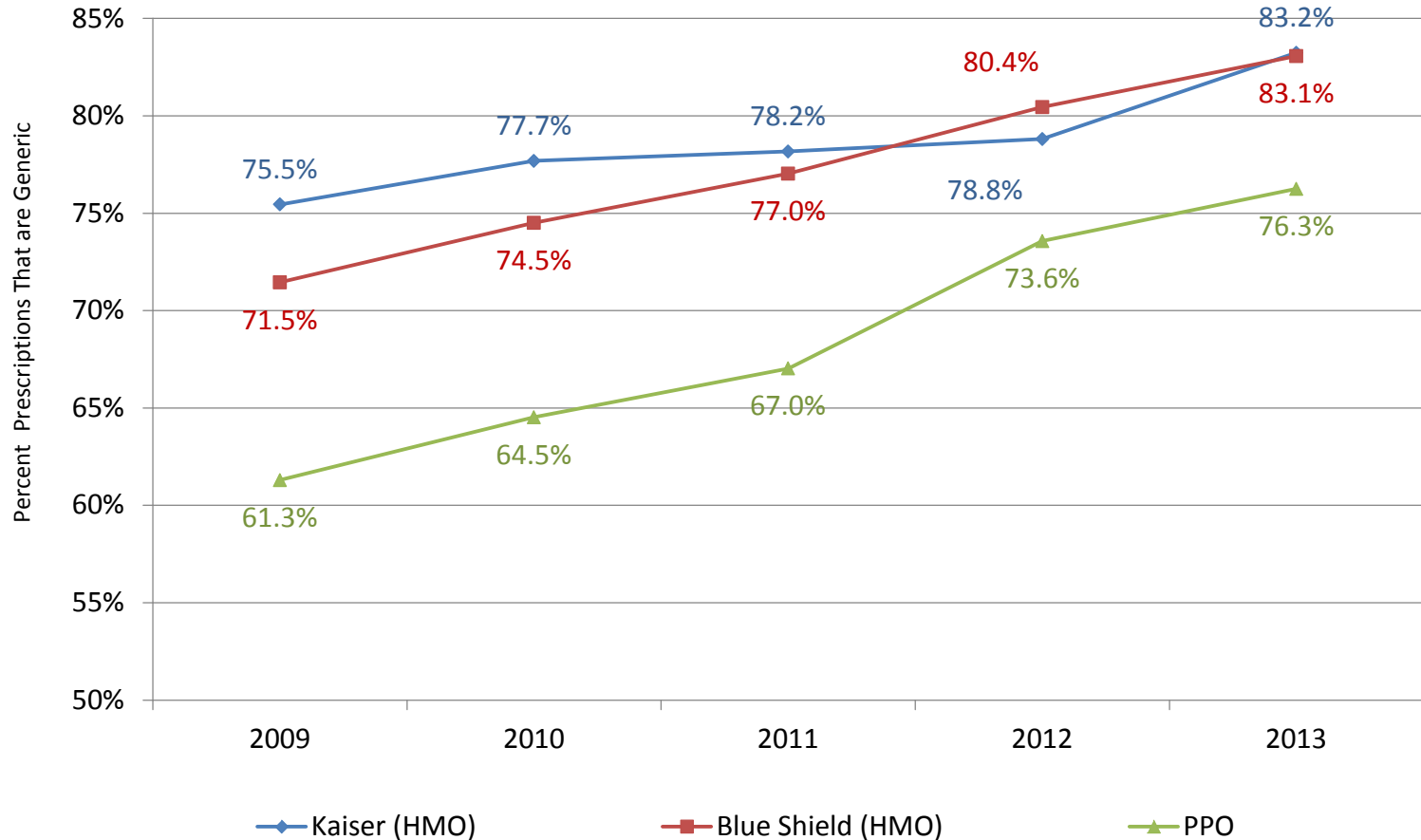
Cost per Days Supply and Number of Days Supply - Annual Changes



Source: CalPERS HCDSS
Includes Basic and Medicare members in all plans.



Generic Dispensing Trends by Plan



Source: CalPERS HCDSS
Includes Basic and Medicare members.
PPO includes PERSCare, PERS Choice, and PERS Select.



2013 Costs by Prescription Drug Type

	Generic	Non-Specialty Brand		Specialty	Total
		Multi-Source	Single Source		
Number of Prescriptions	13,269,501	796,016	1,773,114	93,729	15,932,360
Allowed Amount (millions)	\$404	\$114	\$681	\$298	\$1,497
Member Cost Share (millions)	\$87	\$15	\$62	\$3	\$168
Allowed Amount per Prescription	\$30.44	\$142.59	\$384.30	\$3,176.28	\$90.78
Member Cost Share per Prescription	\$6.58	\$19.47	\$35.16	\$29.27	\$10.58
Member Cost Share %	21.6%	13.7%	9.1%	0.9%	11.2%

Source: CalPERS HCDSS
Includes Basic and Medicare members in all plans.



2012 Top Ten Non-Specialty Drugs

Drug Name	Primary Indication	Allowed Amount (millions)	Percent of Total Prescription Allowed Amount	Percent of Total Non-Specialty Drugs Allowed Amount
NEXIUM	Stomach Ulcer	\$31.89	2.16%	2.61%
ATORVASTATIN CALCIUM	High Cholesterol	\$24.06	1.63%	1.97%
CYMBALTA	Depression	\$23.29	1.58%	1.91%
ABILIFY	Bipolar Disorder	\$23.21	1.57%	1.90%
OXYCONTIN	Pain	\$18.00	1.22%	1.48%
CRESTOR	High Cholesterol	\$16.67	1.13%	1.37%
DIOVAN	Hypertension	\$15.41	1.04%	1.26%
ADVAIR DISKUS 250/50	Asthma	\$15.38	1.04%	1.26%
SINGULAIR	Asthma	\$15.30	1.04%	1.25%
JANUVIA	Diabetes	\$14.50	0.98%	1.19%
Total Top Non-Specialty drugs		\$197.72	13.40%	16.21%

Source: CalPERS HCDSS

Includes Basic and Medicare members in all plans.



2013 Top Ten Non-Specialty Drugs

Drug Name	Primary Indication	Allowed Amount (millions)	Percent of Total Prescription Allowed Amount	Percent of Total Non-Specialty Drugs Allowed Amount
NEXIUM	Stomach Ulcer	\$29.42	1.97%	2.46%
ABILIFY	Bipolar Disorder	\$26.48	1.77%	2.21%
CYMBALTA	Depression	\$26.29	1.76%	2.20%
CRESTOR	High Cholesterol	\$17.63	1.18%	1.47%
OXYCONTIN	Pain	\$16.30	1.09%	1.36%
ADVAIR DISKUS 250/50	Asthma	\$15.40	1.03%	1.29%
JANUVIA	Diabetes	\$15.19	1.02%	1.27%
DIOVAN	Hypertension	\$14.42	0.97%	1.20%
ATORVASTATIN CALCIUM	High Cholesterol	\$13.61	0.91%	1.14%
ANDROGEL	Hypogonadism	\$13.42	0.90%	1.12%
Total Top Non-Specialty drugs		\$188.17	12.60%	15.72%

Source: CalPERS HCDSS

Includes Basic and Medicare members in all plans.

Specialty Drugs

	2009*	2010*	2011*	2012**	2013**
Number of Specialty Drug Prescriptions	59,177	64,960	69,324	81,276	93,703
Specialty Drug Prescriptions as a % of Total Prescriptions	0.37%	0.40%	0.42%	0.49%	0.57%
Specialty Drug Allowed Amount (millions)	\$146	\$175	\$209	\$254	\$298
Specialty Drug Allowed Amount as % of Total	11.0%	12.2%	13.9%	17.3%	19.9%
Specialty Drug Member Cost Share Amount (millions)	\$1.34	\$1.48	\$1.69	\$2.22	\$2.74
Specialty Drug Member Cost Share %	0.92%	0.84%	0.81%	0.87%	0.92%

Source: CalPERS HCDSS

Includes Basic and Medicare members in all plans.

* Based on Medco Specialty Drugs list.

** Based on 2012 and 2013 CVS Caremark Specialty Drugs lists.



2012 Top Ten Specialty Drugs

Drug Name	Primary Indication	Allowed Amount (millions)	Percent of Total Prescription Allowed Amount	Percent of Total Specialty Drugs Allowed Amount
ENBREL	Rheumatoid Arthritis	\$34.32	2.33%	13.51%
HUMIRA	Rheumatoid Arthritis	\$27.39	1.86%	10.78%
COPAXONE	Multiple Sclerosis	\$22.75	1.55%	8.96%
REVLIMID	Cancer	\$16.97	1.15%	6.68%
GLEEVEC	Cancer	\$10.22	0.69%	4.03%
AVONEX	Multiple Sclerosis	\$10.21	0.69%	4.02%
INCIVEK	Hepatitis C	\$7.38	0.50%	2.91%
XELODA	Cancer	\$4.81	0.33%	1.89%
REBIF	Multiple Sclerosis	\$4.78	0.32%	1.88%
NEUPOGEN	Neutropenia	\$4.64	0.32%	1.83%
Total Top 10 Specialty Drugs		\$143.48	9.75%	56.49%

Source: CalPERS HCDSS

Includes Basic and Medicare members in all plans.

List of specialty drugs based on 2012 CVS Caremark Specialty Drugs list.



2013 Top Ten Specialty Drugs

Drug Name	Primary Indication	Allowed Amount (millions)	Percent of Total Prescription Allowed Amount	Percent of Total Specialty Drugs Allowed Amount
ENBREL	Rheumatoid Arthritis	\$39.44	2.64%	13.24%
HUMIRA	Rheumatoid Arthritis	\$35.25	2.36%	11.83%
COPAXONE	Multiple Sclerosis	\$24.05	1.61%	8.07%
REVLIMID	Cancer	\$16.85	1.13%	5.65%
GLEEVEC	Cancer	\$12.91	0.86%	4.33%
AVONEX	Multiple Sclerosis	\$7.68	0.51%	2.58%
ZYTIGA	Cancer	\$5.30	0.35%	1.78%
NEUPOGEN	Neutropenia	\$5.19	0.35%	1.74%
REBIF	Multiple Sclerosis	\$5.17	0.35%	1.74%
GILENYA	Multiple Sclerosis	\$5.12	0.34%	1.72%
Total Top 10 Specialty Drugs		\$156.96	10.51%	52.67%

Source: CalPERS HCDSS

Includes Basic and Medicare members in all plans.

List of specialty drugs based on 2013 CVS Caremark Specialty Drugs list.