



The LEWIN GROUP

Comparison of VA National Formulary and Formularies of the Highest Enrollment Plans in Medicare Part D and the Federal Employee Health Benefit Program

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Lewin was asked by the Pharmaceutical Research and Manufacturers of America to compare the formulary status of drugs commonly used by the Medicare population on the Veterans Affairs National Formulary (VA formulary), the two highest enrollment Medicare Part D plans, and the plan with highest enrollment in the Federal Employee Health Benefit Program (FEHBP).

Methodology

Lewin identified the drugs most commonly used by the Medicare population by querying Verispan's Vector One Data (VONA) to compile the 300 drugs with the highest script volumes for the 65 and older population. The script volume for each drug is from the time period of January 2006 through October 2006.

We downloaded the VA's National Drug File from the VA pharmacy website¹ and checked each of the top 300 drugs against those covered by the VA formulary. Since the VA formulary is organized by generic entity and only includes the names of brand name drugs when they cannot be substituted due to narrow therapeutic index, all matches were based on the generic name of the drug. For example, the brand name drug Norvasc appears on the list of top 300 drugs; the generic name for Norvasc is amlodipine. As amlodipine is listed on the VA formulary, Norvasc is counted as being on the VA formulary.

However, in some cases, only certain strengths or forms of a particular drug are covered by the VA formulary. In those cases, we looked at the breakdown of script volume by dosage and form for that drug, to the extent allowed by VONA, in order to determine how many scripts are covered on the VA formulary and how many are excluded. In some cases, certain scripts for a particular drug were excluded because that particular formulation (e.g., capsules, extended release version) is not covered.

According to CMS data, the two highest Medicare Part D plans based on 2006 enrollment were the United AARP Medicare Rx Plan and Humana Standard Plan. The FEHBP national plan with greatest enrollment is the Blue Cross Blue Shield FEP Basic plan. We followed a similar approach to compare the two Medicare Part D plan formularies and the BCBS FEP formulary to the list of top 300 drugs. The United AARP Medicare Rx formulary and Humana Standard formulary were obtained from the plans' respective websites.² The FEP basic formulary was obtained from the BCBS Federal Employee Program website.³ Again, drugs were matched based on the generic form of the drug. It is important to note that both Medicare plans and the FEHBP plan use a multi-tier copayment structure. For example, the FEHBP formulary uses a

¹ <http://www.pbm.va.gov/NationalFormulary.aspx>

² United AARP formulary from https://www.aarpmedicarerx.com/forms_and_plans.html and Humana Standard formulary from http://apps.humana.com/prescription_benefits_and_services/execreq.asp?processcode=4000&srbsite=medicare

³ <http://www.fepblue.org/pharmacy/pharmacyindex.html>

three tier structure, with the third tier covering brand name products on formulary that were not selected for the second tier and all non-formulary brand name products. Drugs on the third tier have 50% cost sharing, with a minimum payment of \$35.00 or the cost of the drug. As long as the drug is covered on any tier, it is counted as being on formulary.

Key Findings

Exhibit 1 illustrates the number and percent of scripts covered by the VA, FEHBP, and the two Medicare Part D formularies for all of the general drug categories that are captured by the top 300 drugs. The FEHBP and Medicare Part D formularies analyzed all provide a greater breadth of drug coverage than the VA formulary.

- ⇒ Of the 300 drugs examined, 194 (65%) are included in the VA formulary, compared to 284 (95%) in the FEHBP formulary, 282 (94%) in the highest enrollment Part D plan formulary, and 281 (94%) in the second highest enrollment Part D plan formulary. Of 132 brand drugs among the top 300, 56 (42%) are covered by the VA formulary, compared to 125 (95%) covered by the FEHBP formulary, 128 (97%) covered by the highest enrollment Part D plan formulary, and 128 (97%) covered by the second highest enrollment Part D plan formulary.
- ⇒ Of the 761 million scripts analyzed, 71% of the total and 49% of the brand scripts are covered by the VA formulary. In contrast, 98% of all scripts and 98% of brand scripts are covered by the FEHBP plan. The highest enrollment Part D plan covers 96% of all scripts and 99% of brand scripts and the second highest enrollment Part D plan covers 95% of all scripts and 99% of brand scripts.
- ⇒ VA formulary coverage varies widely among the drug categories due to the partially closed nature of the formulary; for example while 75% of all scripts are covered in the largest category (cardiovascular), fewer than half of scripts for ear, nose, and throat and urologic disorders would be covered.

Exhibit 2 illustrates the formulary status for each of the top 300 drugs.

Exhibit 1: Scripts Covered by the VA, FEHBP, and two Medicare Part D Formularies, by General Drug Category

General Drug Categories	Count of Drugs	Total Scripts (in 000s)	VA National Formulary		FEHBP with Highest Enrollment Formulary		Highest Enrollment Medicare Part D Plan		2nd Highest Enrollment Medicare Part D Plan	
			Scripts Covered (in 000s)	% Scripts Covered	Scripts Covered (in 000s)	% Scripts Covered	Scripts Covered (in 000s)	% Scripts Covered	Scripts Covered (in 000s)	% Scripts Covered
Cardiovascular Agents (High Blood Pressure, Heart Disease)	84	317,807	237,627	75%	315,765	99%	317,807	100%	317,807	100%
Gastrointestinal Drugs (Stomach And Intestine Disorders)	34	81,685	38,640	47%	78,637	96%	81,053	99%	81,053	99%
Pain And Inflammatory Diseases (Arthritis, Gout)	25	60,461	44,660	74%	58,777	97%	59,130	98%	60,461	100%
Psychiatric	21	41,542	28,362	68%	41,542	100%	41,542	100%	41,542	100%
Antimicrobials And Infectious Diseases (Infection)	21	38,183	31,968	84%	36,047	94%	38,183	100%	35,355	93%
Hormones (Thyroid, Growth Hormones)	8	35,619	34,988	98%	35,619	100%	35,619	100%	35,619	100%
Respiratory Drugs (Asthma, Emphysema)	18	30,340	15,931	53%	29,825	98%	28,389	94%	28,389	94%
Anticoagulants And Hematopoietics (Blood Modifiers)	8	28,055	26,443	94%	28,055	100%	28,055	100%	28,055	100%
Hormone Therapy/Menopause	11	26,845	20,978	78%	26,845	100%	26,845	100%	26,845	100%
Neurological Drugs (Migraine, Parkinson's Disease, Alzheimer's Disease)	15	21,935	13,505	62%	20,088	92%	21,935	100%	21,935	100%
Eye	14	16,185	8,589	53%	16,185	100%	16,185	100%	16,185	100%
Benign Prostatic Hyperplasia	4	11,216	5,314	47%	11,216	100%	11,216	100%	11,216	100%
Ear, Nose And Throat	11	9,267	3,872	42%	9,267	100%	9,267	100%	9,267	100%
Urologic Disorders	7	7,157	2,357	33%	7,157	100%	7,157	100%	7,157	100%
Skin (Acne, Skin Infection, Psoriasis)	2	1,988	0	0%	1,988	100%	1,988	100%	1,988	100%
Women's Health	2	1,714	1,714	100%	1,714	100%	1,714	100%	1,714	100%
Antineoplastics And Immunosuppressants	2	1,397	631	45%	1,397	100%	1,397	100%	1,397	100%
Misc: Not Covered by Part D Benefit ¹	13	29,926	26,967	90%	25,251	84%	0	0%	0	0%
Grand Total	300	761,322	542,546	71%	745,375	98%	727,482	96%	725,985	95%
Total - Part D Covered Drugs	287	731,396	515,579	70%	720,124	98%	727,482	99%	725,985	99%
Total - Brand Drugs	132	322,047	157,888	49%	316,008	98%	318,444	99%	318,444	99%

¹The drugs in this category are excluded from the Part D benefit and include: Alprazolam, Butalbital/APAP/Caf, Clonazepam, Cyanocobalamin, Diazepam, Ferrous Sulfate, Folic Acid, Lorazepam, Temazepam, Vitamin D, Fluzone, Viagra, Cialis. Influenza vaccine is covered under Medicare Part B. Erectile Dysfunction drugs are no longer covered in 2007. The list of Part D excluded drugs was obtained from http://www.cms.hhs.gov/PrescriptionDrugCovContra/Downloads/PartDDrugsPartDExcludedDrugs_04.19.06.pdf.

Exhibit 2: Top 300 Drugs for the 65+ Population by Script Volume, Jan - Oct 2006¹

65+ Script Ranking	Drug Name	Generic/Active Ingredient	Brand/ Generic	Scripts For 65+ (in 000s)	Estimated Sales Ranking (65+) ²	Sales Ranking (all U.S.)	VA National Formulary Status	FEHBP with Highest Enrollment Formulary Status	Highest Enrollment Medicare Plan Formulary Status	2nd Highest Enrollment Medicare Plan Formulary Status
1	Lipitor	atorvastatin	B	23,057	1	1	N	Y	Y	Y
2	Furosemide Oral	furosemide	G	20,231	84	179	Y	Y	Y	Y
3	Lisinopril	lisinopril	G	19,373	43	57	Y	Y	Y	Y
4	Hydrocodone/APAP	hydrocodone/acetaminophen	G	16,283	47	19	Y	Y	Y	Y
5	Atenolol	atenolol	G	16,283	81	129	Y	Y	Y	Y
6	Hydrochlorothiazide	hydrochlorothiazide	G	16,156	90	142	Y	Y	Y	Y
7	Norvasc	amlodipine	B	15,721	4	9	Y	Y	Y	Y
8	Toprol XL	metoprolol succinate	B	15,339	12	22	Y	Y	Y	Y
9	Levothyroxine	levothyroxine	G	13,932	67	100	Y	Y	Y	Y
10	Metoprolol Tartrate	metoprolol tartrate	G	11,798	104	197	Y	Y	Y	Y
11	Warfarin	warfarin	G	10,740	60	126	Y	Y	Y	Y
12	Metformin	metformin	G	10,601	53	61	some forms	Y	Y	Y
13	Plavix	clopidogrel	B	9,395	2	7	Y	Y	Y	Y
14	Fosamax	alendronate	B	9,274	7	23	Y	Y	Y	Y
15	Potassium Chloride	potassium chloride	G	9,018	82	172	Y	Y	Y	Y
16	Triamterene w/HCTZ	triamterene/hydrochlorothiazide	G	8,357	134	189	Y	Y	Y	Y
17	Synthroid	levothyroxine	B	8,137	64	75	Y	Y	Y	Y
18	Alprazolam ³	alprazolam	G	7,294	122	109	Y	Y	N	N
19	Nexium	esomeprazole	B	6,959	3	2	N	Y	Y	Y
20	Propoxyphene-N/APAP	propoxyphene/acetaminophen	G	6,885	124	152	N	Y	Y	Y
21	Zocor	simvastatin	B	6,705	5	5	Y	Y	Y	Y
22	Prednisone Oral	prednisone	G	6,313	152	162	some forms	Y	Y	Y
23	Klor-Con	potassium chloride	B	6,255	115	229	Y	Y	Y	Y
24	Lorazepam ³	lorazepam	G	6,058	89	121	Y	Y	N	N
25	Lovastatin	lovastatin	G	5,918	55	103	Y	Y	Y	Y
26	Isosorbide Mononitrt	isosorbide mononitrate	G	5,861	121	268	some forms	Y	Y	Y
27	Diovan	valsartan	B	5,851	24	44	Y	Y	Y	Y
28	Prevacid	lansoprazole	B	5,735	6	3	N	Y	Y	Y
29	Amoxicillin	amoxicillin	G	5,438	186	95	Y	Y	Y	Y
30	Protonix	pantoprazole	B	5,392	9	13	N	Y	Y	Y
31	Enalapril	enalapril	G	5,357	125	198	Y	Y	Y	Y
32	Flomax	tamsulosin	B	5,325	20	56	N	Y	Y	Y
33	Coreg	carvedilol	B	5,191	14	32	Y	Y	Y	Y
34	Ambien	zolpidem	B	5,042	16	15	N	Y	Y	Y
35	Vytorin	ezetimibe	B	4,935	17	24	N	Y	Y	Y
36	Actionel	risedronate	B	4,903	22	53	Y	Y	Y	Y
37	Gabapentin	gabapentin	G	4,893	30	41	some forms	Y	Y	Y
38	Digitek	digoxin	B	4,819	228	444	Y	Y	Y	Y
39	Lotrel	amlodipine/benazepril	B	4,793	19	29	N	Y	Y	Y
40	Albuterol Aerosol	albuterol	G	4,716	146	98	Y	Y	Y	Y
41	Zetia	ezetimibe	B	4,641	21	36	N	Y	Y	Y
42	Omeprazole	omeprazole	G	4,492	51	68	Y	Y	Y	Y
43	Allopurinol	allopurinol	G	4,487	235	373	Y	Y	Y	Y
44	Advair Diskus	fluticasone/salmeterol	B	4,399	8	4	N	Y	Y	Y
45	Simvastatin	simvastatin	G	4,302	18	39	Y	Y	Y	Y
46	Azithromycin	azithromycin	G	4,262	72	33	Y	Y	Y	Y
47	Lexapro	escitalopram	B	4,244	26	10	N	Y	Y	Y
48	Ciprofloxacin HCl	ciprofloxacin hydrochloride	G	4,197	169	181	Y	Y	Y	Y
49	Altace	rampiril	B	4,095	42	59	N	Y	Y	Y
50	Cephalexin	cephalexin	G	4,088	178	139	some forms	Y	Y	Y
51	Lisinopril/HCTZ	lisinopril/hydrochlorothiazide	G	4,074	140	159	Y	Y	Y	Y
52	Glyburide	glyburide	G	4,071	154	254	Y	Y	Y	Y
53	Celebrex	celecoxib	B	4,066	15	27	N	Y	Y	Y
54	Xalatan	latanoprost	B	4,040	46	113	N	Y	Y	Y
55	Avandia	rosiglitazone	B	4,026	13	16	Y	Y	Y	Y
56	Levaquin	levofloxacin	B	3,978	23	26	N	Y	Y	Y
57	Ranitidine HCl	ranitidine hydrochloride	G	3,964	196	256	some forms	Y	Y	Y
58	Actos	pioglitazone	B	3,922	10	14	N	Y	Y	Y
59	Anicept	donepezil	B	3,873	11	52	Y	Y	Y	Y
60	Zoloft	sertraline	B	3,849	25	11	Y	Y	Y	Y
61	Cozaar	losartan	B	3,797	37	70	Y	Y	Y	Y
62	Diovan HCT	hydrochlorothiazide/valsartan	B	3,753	36	49	Y	Y	Y	Y
63	Verapamil SR	verapamil	G	3,673	133	201	N	Y	Y	Y
64	Premann Tabs	estrogens, conjugated	B	3,540	68	77	Y	Y	Y	Y
65	Tramadol	tramadol	G	3,486	149	134	Y	Y	Y	Y
66	Crestor	rosuvastatin	B	3,482	28	43	N	Y	Y	Y
67	Amitriptyline	amitriptyline	G	3,424	297	341	Y	Y	Y	Y
68	Paroxetine	paroxetine	G	3,328	78	63	Y	Y	Y	Y
69	Clonidine	clonidine	G	3,319	245	334	Y	Y	Y	Y
70	Levoxyil	levothyroxine	B	3,289	191	236	Y	Y	Y	Y
71	Singulair	montelukast	B	3,210	29	6	Y	Y	Y	Y
72	Glipizide ER	glipizide	G	3,133	143	219	N	Y	Y	Y
73	Spironolactone	spironolactone	G	3,091	168	251	Y	Y	Y	Y
74	Doxazosin	doxazosin	G	3,010	218	397	Y	Y	Y	Y
75	Folic Acid ³	folic acid	G	2,977	303	434	Y	Y	N	N
76	Diltiazem CD	diltiazem	G	2,823	83	167	Y	Y	Y	Y
77	Temazepam ³	temazepam	G	2,814	260	391	Y	Y	N	N
78	Glimepiride	glimepiride	G	2,795	187	282	N	Y	Y	Y

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65+ Script Ranking	Drug Name	Generic/Active Ingredient	Brand/Generic	Scripts For 65+ (in 000s)	Estimated Sales Ranking (65+) ²	Sales Ranking (all U.S.)	VA National Formulary Status	FEHBP with Highest Enrollment Formulary Status	Highest Enrollment Medicare Plan Formulary Status	2nd Highest Enrollment Medicare Plan Formulary Status
79	Fluoxetine	fluoxetine	G	2,751	173	106	Y	Y	Y	Y
80	Coumadin Tabs	warfarin	B	2,726	94	208	Y	Y	Y	Y
81	Fexofenadine	fexofenadine	G	2,706	69	47	N	Y	Y	Y
82	Lantus	insulin glargine	B	2,680	32	40	N	Y	Y	Y
83	Evista	raloxifene	B	2,677	39	88	N	Y	Y	Y
84	Glipizide	glipizide	G	2,675	289	454	Y	Y	Y	Y
85	Trazodone HCl	trazodone hydrochloride	G	2,653	296	267	Y	Y	Y	Y
86	Detrol LA	tolterodine	B	2,644	35	76	N	Y	Y	Y
87	Clonazepam ³	clonazepam	G	2,615	227	151	Y	Y	N	N
88	Quinapril	quinapril	G	2,586	110	166	N	Y	Y	Y
89	Tricor	fenofibrate	B	2,548	45	45	N	Y	Y	Y
90	Oxycodone w/APAP	oxycodone/acetaminophen	G	2,514	161	97	Y	Y	Y	Y
91	Acetaminophen w/Cod	acetaminophen/codiene	G	2,478	275	232	Y	Y	Y	Y
92	Diazepam ³	diazepam	G	2,475	306	296	Y	Y	N	N
93	Meclizine HCl	meclizine	G	2,465	357	582	some forms	Y	Y	Y
94	Avapro	irbesartan	B	2,439	71	119	N	Y	Y	Y
95	Trimethoprim/Sulfa	trimethoprim/sulfamethoxazole	G	2,372	313	274	some forms	Y	Y	Y
96	Hyzaar	hydrochlorothiazide/losartan	B	2,371	65	99	N	Y	Y	Y
97	Combivent	albuterol/pratropium	B	2,363	50	83	Y	Y	Y	Y
98	Spiriva	tiotropium	B	2,323	34	81	N	Y	Y	Y
99	Benazepril	benazepril	G	2,315	234	347	Y	Y	Y	Y
100	Terazosin	terazosin	G	2,304	209	395	Y	Y	Y	Y
101	Digoxin	digoxin	G	2,267	333	658	Y	Y	Y	Y
102	Ibuprofen	ibuprofen	G	2,259	349	205	Y	Y	Y	Y
103	Zyrtec	cetirizine	B	2,247	70	30	N	Y	Y	Y
104	Namenda	mementine	B	2,206	33	116	some forms	Y	Y	Y
105	Naproxen	naproxen	G	2,192	283	244	some forms	Y	Y	Y
106	Citalopram HBR	citalopram	G	2,145	220	182	Y	Y	Y	Y
107	Clopidogrel	clopidogrel	G	2,138	48	104	Y	Y	Y	Y
108	Quinine Sulfate	quinine sulfate	G	2,136	211	386	N	N	Y	N
109	Nitroglycerin	nitroglycerin	G	2,050	212	425	some forms	Y	Y	Y
110	Cartia XT	diltiazem	G	1,984	111	211	N	Y	Y	Y
111	Cyclobenzaprine	cyclobenzaprine	G	1,973	278	171	Y	Y	Y	Y
112	Benicar	olmesartan	B	1,952	91	137	N	Y	Y	Y
113	Pravachol	pravastatin	B	1,930	40	62	N	Y	Y	Y
114	Viagra ³	sildenafil	B	1,878	74	55	N	N	N	N
115	Gemfibrozil	gemfibrozil	G	1,860	222	285	Y	Y	Y	Y
116	Metformin HCl ER	metformin	G	1,803	202	228	N	Y	Y	Y
117	Effexor XR	venlafaxine	B	1,795	49	8	Y	Y	Y	Y
118	Nifedipine ER	nifedipine	G	1,754	100	187	Y	Y	Y	Y
119	Metoclopramide	metoclopramide	G	1,748	344	448	Y	Y	Y	Y
120	Pravastatin	pravastatin	G	1,719	62	112	N	Y	Y	Y
121	Aciphex	rabeprazole	B	1,709	41	37	N	Y	Y	Y
122	Methylprednis Tabs	methylprednisolone	G	1,706	360	342	Y	Y	Y	Y
123	Glybrid/Metformin HCl	glyburide/metformin	G	1,698	145	178	N	Y	Y	Y
124	Mirtazapine	mirtazapine	G	1,684	184	248	some forms	Y	Y	Y
125	Doxycycline	doxycycline	G	1,636	329	279	Y	Y	Y	Y
126	Lanoxin	digoxin	B	1,633	353	709	Y	Y	Y	Y
127	Nitroquick	nitroglycerin	G	1,624	425	740	Y	Y	Y	Y
128	Cosopt	dorzolamide/timolol	B	1,618	73	180	Y	Y	Y	Y
129	Carbidopa/Levodopa	carbidopa/levodopa	G	1,552	165	349	Y	Y	Y	Y
130	Fluticasone Nasal	fluticasone	G	1,540	116	72	N	Y	Y	Y
131	Lyrca	pregabalin	B	1,530	63	67	N	Y	Y	Y
132	Amiodarone	amiodarone	G	1,512	179	377	Y	Y	Y	Y
133	Amoxicillin/Pot Clav	amoxicillin/potassium clavulanate	G	1,496	135	48	Y	Y	Y	Y
134	Mobic	meloxicam	B	1,483	57	71	N	Y	Y	Y
135	Glycolax	polyethylene glycol	B	1,482	224	283	N	N	Y	Y
136	Triamcinlon Acet Top	triamcinolone acetamide	G	1,480	385	439	Y	Y	Y	Y
137	Benicar HCT	hydrochlorothiazide/olmesartan	B	1,472	103	131	N	Y	Y	Y
138	Seroquel	quetiapine	B	1,438	31	12	Y	Y	Y	Y
139	Felodipine ER	felodipine	G	1,430	156	271	Y	Y	Y	Y
140	Alphagan P	brimonidine	B	1,427	95	223	Y	Y	Y	Y
141	Avalide	hydrochlorothiazide/irbesartan	B	1,387	99	144	N	Y	Y	Y
142	Famotidine	famotidine	G	1,363	320	477	N	Y	Y	Y
143	Lumigan	bimatoprost	B	1,361	80	193	N	Y	Y	Y
144	Diclofenac Sodium	diclofenac sodium	G	1,361	241	252	Y	Y	Y	Y
145	Propranolol HCl	propranolol	G	1,357	402	523	Y	Y	Y	Y
146	Oxycodone	oxycodone	G	1,344	59	31	some forms	Y	Y	Y
147	Boniva	ibandronate	B	1,331	88	158	N	Y	Y	Y
148	Aspirin, Enteric-Coat	aspirin	G	1,331	670	1,065	Y	Y	N	Y
149	Nasonex	mometasone	B	1,312	98	54	N	Y	Y	Y
150	Bisoprolol/HCTZ	bisoprolol/hydrochlorothiazide	G	1,298	317	402	N	Y	Y	Y
151	Methotrexate	methotrexate	G	1,279	253	338	Y	Y	Y	Y
152	Hydroxyzine	hydroxyzine	G	1,253	262	259	some forms	Y	Y	Y
153	Fentanyl Transdermal	fentanyl	G	1,251	38	51	Y	Y	Y	Y
154	Captopril	captopril	G	1,243	436	769	Y	Y	Y	Y
155	Fosinopril Sodium	fosinopril	G	1,225	236	367	Y	Y	Y	Y
156	Niaspan	niacin	B	1,223	77	101	Y	Y	Y	Y

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157	Clindamycin Systemic	clindamycin	G	1,217	229	188	Y	Y	Y	Y
158	Nabumetone	nabumetone	G	1,203	172	174	N	Y	Y	Y
159	Promethazine Tabs	promethazine	G	1,194	352	277	Y	Y	Y	Y
160	Risperdal	risperidone	B	1,180	44	18	Y	Y	Y	Y
161	Nitrofrntin Mnohy Mcr	nitrofurantoin	G	1,177	276	298	Y	Y	Y	Y
162	Albuterol Neb Soln	albuterol	G	1,176	294	253	Y	Y	Y	Y
163	Levothroid	levothyroxine	B	1,170	414	620	Y	Y	Y	Y
164	Tramadol HCl/APAP	tramadol hydrochloride/acetaminophen	G	1,168	175	184	Y	N	Y	Y
165	Colchicine	colchicine	G	1,154	453	692	Y	Y	Y	Y
166	Avodart	dutasteride	B	1,134	93	202	N	Y	Y	Y
167	Ferrous Sulfate ³	ferrous sulfate	G	1,126	589	835	Y	N	N	N
168	Fluconazole	fluconazole	G	1,112	394	250	Y	Y	Y	Y
169	Hydralazine	hydralazine	G	1,107	250	463	Y	Y	Y	Y
170	Diltiazem SR	diltiazem	G	1,103	265	487	N	Y	Y	Y
171	Cymbalta	duloxetine	B	1,101	75	42	N	Y	Y	Y
172	Sertraline	sertraline	G	1,094	126	105	Y	Y	Y	Y
173	Travatan	travoprost	B	1,088	112	258	Y	Y	Y	Y
174	Proscar	finasteride	B	1,087	87	204	Y	Y	Y	Y
175	Atenolol Chlorthal	atenolol/chlorthalidone	G	1,071	437	581	Y	Y	Y	Y
176	Lunesta	eszopiclone	B	1,071	96	80	N	Y	Y	Y
177	Clotrimazol/Betamthsn	clotrimazole/betamethasone	G	1,058	264	313	N	Y	Y	Y
178	Atacand	candesartan	B	1,056	150	240	N	Y	Y	Y
179	Ambien CR	zolpidem	B	1,047	109	87	N	Y	Y	Y
180	Torsemide	torsemide	G	1,041	242	436	N	Y	Y	Y
181	Oxybutynin Chloride	oxybutynin chloride	G	1,026	447	723	some forms	Y	Y	Y
182	Nifedical XL	nifedipine	G	1,019	189	297	Y	Y	Y	Y
183	Ditropan XL	oxybutynin chloride	B	1,007	86	153	N	Y	Y	Y
184	Humulin N	insulin human	B	975	177	230	Y	Y	Y	Y
185	Lescol XL	fluvastatin	B	958	118	203	Y	Y	Y	Y
186	Labetalol	labetolol	G	958	293	433	N	N	Y	Y
187	Bumetanide Non-Insj	bu.metanide	G	955	390	705	Y	Y	Y	Y
188	Humulin 70/30	insulin human	B	950	160	246	Y	Y	Y	Y
189	Phenytoin Sodium Ext	phenytoin	G	945	271	332	Y	Y	Y	Y
190	Timolol Maleate GFS	timolol	G	944	282	550	Y	Y	Y	Y
191	Sotalol	sotalol	G	941	221	419	Y	Y	Y	Y
192	Polyethylene Glycol	polyethylene glycol	G	934	290	406	N	N	Y	Y
193	Lidoderm	lidocaine	B	930	54	69	N	Y	Y	Y
194	Zymar	gatifloxacin	B	903	190	335	N	Y	Y	Y
195	Timolol Maleate Oph	timolol	G	890	454	867	Y	Y	Y	Y
196	Metronidazole Tabs	metronidazole	G	889	519	474	Y	Y	Y	Y
197	Cilostazol	cilostazol	G	883	198	393	N	Y	Y	Y
198	Metolazone	metolazone	G	873	279	501	Y	Y	Y	Y
199	Indapamide	indapamide	G	872	549	911	Y	Y	Y	Y
200	Vigamox	moxifloxacin	B	869	193	207	Y	Y	Y	Y
201	Zyprexa	olanzapine	B	866	27	20	Y	Y	Y	Y
202	Requip	ropinirole	B	866	117	160	N	Y	Y	Y
203	Carisoprodol	carisoprodol	G	845	364	186	N	N	Y	Y
204	Diltiazem	diltiazem	G	820	257	453	Y	Y	Y	Y
205	Flovent HFA	fluticasone	B	806	114	102	N	Y	Y	Y
206	Miacalcin Nasal	calcitonin	B	803	127	286	Y	Y	Y	Y
207	Estradiol Oral	estradiol	G	798	511	460	Y	Y	Y	Y
208	Nitrofurantoin Mcroc	nitrofurantoin	G	778	287	432	Y	Y	Y	Y
209	Micardis	telmisartan	B	775	199	306	N	Y	Y	Y
210	Isosorbide Dinitrate	isosorbide dinitrate	G	775	575	1,073	some forms	Y	Y	Y
211	Clarinex	desloratadine	B	773	159	133	N	Y	Y	Y
212	Caduet	amlodipine/atorvastatin	B	769	97	157	N	Y	Y	Y
213	Animidex	anastrozole	B	766	56	107	N	Y	Y	Y
214	Benzonate	benzonatate	G	757	328	384	N	Y	N	N
215	Buspirone HCl	buspirone	G	749	302	273	Y	Y	Y	Y
216	Glipizide XL	glipizide	B	738	347	518	N	Y	Y	Y
217	Avelox	moxifloxacin	B	737	151	135	Y	Y	Y	Y
218	Nortriptyline	nortriptyline	G	730	520	599	Y	Y	Y	Y
219	Pentoxifylline	pentoxifylline	G	729	372	695	N	Y	Y	Y
220	Fosamax Plus D	alendronate	B	725	163	272	N	Y	Y	Y
221	Jantoven	warfarin	B	725	409	775	Y	Y	Y	Y
222	Aggrenox	aspirin/dipyridamole	B	719	106	249	Y	Y	Y	Y
223	Dicyclomine HCl	dicyclomine	G	716	517	628	Y	Y	Y	Y
224	Prednisolone Acet Oph	prednisolone/sulfacetamide	G	715	442	699	Y	Y	Y	Y
225	Patanol	olopatadine	B	714	176	140	N	Y	Y	Y
226	Inderal LA	propranolol	B	699	207	213	Y	Y	Y	Y
227	Etodolac	etodolac	G	698	311	326	Y	Y	Y	Y
228	Penicillin VK	penicillin	G	692	536	365	Y	Y	Y	N
229	Clobetasol	clobetasol	G	691	318	376	some forms	Y	Y	Y
230	Hydroxychloroquine	hydroxychloroquine	G	681	342	394	Y	Y	Y	Y
231	Promethazine/Codeine	promethazine/codeine	G	679	524	517	N	Y	N	N
232	Doxepin	doxepin	G	678	548	758	Y	Y	Y	Y
233	Nifedipine	nifedipine	G	674	231	378	some forms	Y	Y	Y
234	Wellbutrin XL	bupropion	B	673	108	499	N	Y	Y	Y

Exhibit 2: Top 300 Drugs for the 65+ Population by Script Volume, Jan - Oct 2006¹

65+ Script Ranking	Drug Name	Generic/Active Ingredient	Brand/Generic	Scripts For 65+ (in 000s)	Estimated Sales Ranking (65+) ²	Sales Ranking (all U.S.)	VA National Formulary Status	FEHBP with Highest Enrollment Formulary Status	Highest Enrollment Medicare Plan Formulary Status	2nd Highest Enrollment Medicare Plan Formulary Status
235	Fluocinonide	fluocinonide	G	658	451	551	Y	Y	Y	Y
236	Morphine Sul Non Inj	morphine	G	657	171	149	Y	Y	Y	Y
237	Hyoscyamine	hyoscyamine	G	655	485	548	N	Y	Y	Y
238	Endocet	oxycodone/acetaminophen	B	649	252	173	Y	Y	Y	Y
239	Mirapex	pramipexole	B	644	123	199	Y	Y	Y	Y
240	Nadolol	nadolol	G	641	408	566	N	N	Y	Y
241	Humalog	insulin lispro	B	641	102	84	N	Y	Y	Y
242	Docusate Sodium	docusate	G	632	805	1,122	Y	N	N	N
243	Tamoxifen	tamoxifen	G	631	301	417	Y	Y	Y	Y
244	Thyroid, Armour	thyroid	B	630	516	635	N	Y	Y	Y
245	Flonase	fluticasone	B	626	192	132	N	Y	Y	Y
246	Sular	nisoldipine	B	625	223	385	N	Y	Y	Y
247	Indomethacin	indomethacin	G	624	569	685	Y	Y	Y	Y
248	Cialis ³	tadalafil	B	620	185	120	N	N	N	N
249	Phenazopyridine HCl	phenazopyridine	G	619	666	733	Y	Y	Y	Y
250	Cardizem LA	diltiazem	B	612	195	308	N	Y	Y	Y
251	Novolin 70/30	insulin human	B	611	219	350	Y	Y	Y	Y
252	Meloxicam	meloxicam	G	609	291	389	N	Y	Y	Y
253	Catapres-TTS	clonidine	B	607	131	217	Y	Y	Y	Y
254	Nasacort AQ	triamcinolone acetonide	B	599	201	145	N	Y	Y	Y
255	Nystatin Systemic	nystatin	G	598	324	358	some forms	Y	Y	Y
256	Theophylline SR	theophylline	G	598	439	712	Y	Y	Y	Y
257	Tobradex	dexamethasone/tobramycin	B	594	216	225	Y	Y	Y	Y
258	Benazepril/HCTZ	benazepril/hydrochlorothiazide	G	591	463	633	N	Y	Y	Y
259	Fluzone ³	influenza	B	590	375	586	Y	N	N	N
260	Diphenoxylate w/Atro	diphenoxylate/atropine	G	589	553	784	some forms	Y	Y	Y
261	Lescol	fluvastatin	B	579	215	405	Y	Y	Y	Y
262	Restasis	cyclosporine	B	578	147	190	N	Y	Y	Y
263	Uroxatral	aifuzosin	B	577	213	368	N	Y	Y	Y
264	Finasteride	finasteride	G	573	206	410	Y	Y	Y	Y
265	Cyanocobalamin ³	cyanocobalamin	G	562	685	1,063	Y	Y	N	N
266	Taztia XT	diltiazem	B	559	266	440	Y	Y	Y	Y
267	Dilantin Kapseals	phenytoin	B	552	321	375	some forms	Y	Y	Y
268	Exelon	rivastigmine	B	547	105	290	N	Y	Y	Y
269	Chlorhexidine Glucon	chlorhexidine gluconate	G	538	606	636	Y	Y	Y	Y
270	Zelnorm	tegaserod	B	535	120	111	N	Y	Y	Y
271	Mupirocin	mupirocin	G	529	363	352	Y	Y	Y	Y
272	Micardis HCT	telmisartan	B	523	237	329	N	Y	Y	Y
273	Piroxicam	piroxicam	G	516	660	818	Y	N	Y	Y
274	Tussionex	hydrocodone	B	515	255	227	N	N	N	N
275	Skelaxin	metaxalone	B	511	157	96	N	N	Y	Y
276	Lactulose	lactulose	G	508	459	722	Y	Y	Y	Y
277	Prochlorperaz Mal	prochlorperazine	G	507	541	690	Y	Y	Y	Y
278	Primidone	primidone	G	507	340	565	Y	Y	Y	Y
279	Ipratropium Br Neb S	ipratropium	G	502	315	522	Y	Y	Y	Y
280	Valtrex	valacyclovir	B	500	130	34	Y	Y	Y	Y
281	Premarin Vaginal	estrogens, conjugated	B	497	232	336	Y	Y	Y	Y
282	Methocarbamol	methocarbamol	G	491	531	496	Y	N	Y	Y
283	Vesicare	solifenacin	B	490	183	322	N	Y	Y	Y
284	Acyclovir	acyclovir	G	490	482	374	Y	Y	Y	Y
285	Astelin	azelastine	B	488	238	206	N	Y	Y	Y
286	Anthrotec	diclofenac/misoprostol	B	484	180	242	N	Y	Y	Y
287	Ketoconazole Topical	ketoconazole	G	482	406	404	Y	Y	Y	Y
288	DuoNeb	albuterol/ipratropium	B	481	136	235	Y	Y	Y	Y
289	Potassium Chloride E	potassium chloride	G	471	563	920	Y	Y	Y	Y
290	Vitamin D ³	vitamin D	G	461	588	930	N	N	N	N
291	Butalbital/APAP/Caf ³	butalbital/acetaminophen/caffiene	G	456	529	403	Y	Y	N	N
292	Starlix	nateglinide	B	456	188	320	N	Y	Y	Y
293	Prandin	repaglinide	B	455	174	302	N	Y	Y	Y
294	Atrovent HFA	ipratropium	B	448	225	372	Y	Y	Y	Y
295	Sulfamethoxazole/Tri	sulfamethoxazole/trimethoprim	G	444	728	763	Y	Y	Y	Y
296	Erythromycin Ophth	erythromycin	G	444	780	959	Y	Y	Y	Y
297	Pacerone	amiodarone	B	443	369	715	Y	Y	Y	Y
298	Mavik	trandolapril	B	443	323	508	N	N	Y	Y
299	Prednisone Intensol	prednisone	G	442	797	895	Y	Y	Y	Y
300	NovoLog Mix 70/30	insulin human	B	441	128	169	N	Y	Y	Y

¹ Number of scripts and sales volume data were obtained from the Verispan Vector One National (VONA) database. VA formulary information was obtained from <http://www.pbm.va.gov/NationalFormulary.aspx>. The FEHBP with the highest enrollment is the BCBS Federal Employees Program. BCBS FEP Basic formulary was obtained from <http://www.fepblue.org/pharmacy/pharmacyindex.html>. According to CMS data, the highest enrollment Medicare Plan is United AARP Medicare Rx and the second highest enrollment Medicare Plan is Humana Standard. The United AARP formulary was obtained from https://www.aarpmedicarerx.com/forms_and_plans.html and the Humana formulary was obtained from http://apps.humana.com/prescription_benefits_and_services/execreq.asp?processcode=4000&srcsite=medicare

² Estimated sales for the 65+ population was based on the average price per prescription for the entire US population, as calculated using VONA data, multiplied by the number of prescriptions for the 65+ population (Column E) for that particular drug

³ The highlighted drugs are excluded from Part D coverage: Alprazolam, Butalbital/APAP/Caf, Clonazepam, Cyanocobalamin, Diazepam, Ferrous Sulfate, Folic Acid, Lorazepam, Temazepam, Vitamin D, Fluzone, Viagra, Cialis. The list of Part D excluded drugs was obtained from http://www.cms.hhs.gov/PrescriptionDrugCovContra/Downloads/PartDExcludedDrugs_04.19.06.pdf



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