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Dual-eligibles with Mental Disorders and Medicare Part D: How are they faring?

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Abstract

In 2006, 6 million beneficiaries who were dually eligible for Medicare and Medicaid switched from Medicaid to Medicare Part D coverage of their prescription drugs. This change led to a significant expansion of Medicare's role in financing psychotropic medications for this group. A reduction in the number of plans serving dual-eligibles and an increase in utilization restrictions for some psychotropics since 2006 raises concerns about medication access for dual-eligibles with mental disorders and point to potential problems with adverse selection. To improve access to medication for this population, Medicare might consider changes to the enrollment and risk-sharing systems.

In 2006, 6 million Medicare beneficiaries dually eligible for Medicaid transitioned from Medicaid coverage of prescription drugs to Medicare Part D drug plans. Dual-eligibles are randomly assigned to one of multiple Part D plans serving their region each varying in the generosity of coverage of medications. Approximately 60% of disabled and 20% of elderly dual-eligibles have mental disorders.¹ Because of their low educational attainment, very low incomes, poor health status, and greater likelihood of cognitive and physical impairments, dual-eligibles with mental disorders may be particularly vulnerable to major changes in health care coverage and have difficulty navigating a complex market.²

In this paper, we assess how dual-eligibles with mental disorders are faring under Part D. First, we describe how payment for psychotropic medications for dual-eligibles has changed as a result of Part D by providing data on psychotropic drug financing for Medicare beneficiaries overall and dual-eligibles in particular. We then provide background on the dual-eligible Part D plan market, which presents a more complicated set of choices for dual-eligibles than what they faced under Medicaid. We go on to describe the policies put into place by Medicare to ensure medication access for vulnerable populations. In order to assess how dual-eligibles with mental disorders have fared since the transition to Part D, we (1) examine formulary coverage of psychotropic drugs in Part D, (2) provide data on changes in the out-of-pocket costs for psychotropic medications for dual-eligibles with mental disorders, and (4) discuss the implications of changes in plan participation in the dual-eligible market for medication access. Finally, we evaluate the impact of the dual-eligibles' transition to Part D on tax-payers by reviewing evidence on price changes for psychotropics.

Background

Medicare's changing role in financing psychotropic medications

We used data from the Medical Expenditure Panel Survey (MEPS) to examine the distribution of expenditures by payor in 2005 and 2006 for three classes of medications accounting for a large share of pharmacy expenditures, especially among dual-eligibles: antidepressants, antipsychotics, and anticonvulsants.

Part D brought about a dramatic change in the distribution of payments for psychotropics and other drugs for the U.S. civilian, non-institutionalized population (Exhibit 1). In 2005, Medicaid covered 14% of all antidepressant, 55% of antipsychotic, and 33% of anticonvulsant expenditures compared to 14% of all drug expenditures. In 2006, Medicaid's share of spending for these three classes was cut approximately in half and Medicare financed 16% of antidepressant, 21% of antipsychotic, 16% of anticonvulsant expenditures, and 20% of medications overall.

Part D led to even greater changes in the financing of psychotropics for dual-eligibles (Exhibit 2). In 2005, Medicaid covered 70% of antidepressant, 84% of antipsychotic, and 82% of anticonvulsant spending for non-institutionalized dual-eligibles. In 2006, Medicaid's share of spending in these classes fell to 5%, 11% and 7%, respectively, as Medicare's share increased to 84%, 84% and 78%.

For the total Medicare population, Medicare's share increased from 8% to 52% for antidepressants, from 4% to 61% for antipsychotics, and from 7% to 45% for all drugs between 2005 and 2006 (Exhibit 3). Psychotropic medication classes were the second most costly drug category used by Medicare beneficiaries overall, and the most costly among dual-eligibles.³

Part D Market for Dual-Eligibles

Plan enrollment

Part D is a voluntary benefit that relies on a market-based, consumer choice model of health care delivery. Non-dual-eligible beneficiaries must choose to participate and select a plan to meet their needs. To maintain continuity of coverage from 2005 to 2006, dual-eligibles were auto-assigned in November 2005 to a plan with a premium at or below a regional benchmark set by the Centers for Medicare and Medicaid Services (CMS) (hereafter, "benchmark plan") using a methodology discussed below.

Medicare beneficiaries, including dual-eligibles, may be enrolled in two types of Part D coverage. They may remain in Medicare's fee-for-service program and enroll in a stand-alone Prescription Drug Plan (PDP), or enroll in a Medicare-Advantage Prescription Drug (MA-PD) plan for all covered benefits including drugs. In many areas, dual-eligibles may enroll in a Special Needs Plan (SNP), a MA-PD designed specifically for dual-eligibles, those in nursing homes, or beneficiaries with severe, disabilities. Because only 11% of dual eligibles were enrolled in SNPs in 2008,⁴ this paper focuses on the PDP market.

Although dual-eligibles are auto-assigned to a benchmark plan initially, it is their responsibility to switch plans if their assigned plan is a poor match. Switching plans requires beneficiaries to understand their medication needs as well as multiple plans' formularies and utilization management requirements. Beneficiaries with schizophrenia, bipolar or major depressive disorder, whose decision-making ability is impaired,⁵ may have difficulty evaluating plan options and switching plans. CMS reassigns to another benchmark plan beneficiaries whose current plan's premium bid for the following year is above benchmark and therefore no longer eligible for random assignment of dual-eligibles. In fact, 2.1 million dual-eligibles were

reassigned for this reason in 2008 and 1.6 million in 2009.⁶ However, CMS does not reassign the minority (approximately 6%)⁷ of beneficiaries who choose their own plan if the plan's premium for the next year is above benchmark. These beneficiaries must either pay the difference between the benchmark premium, which ranged from \$16 to \$36 (\$28 on average) in 2008,⁸ and the plan's premium or choose another plan. Part D plan premiums (benchmark and non-benchmark) varied from \$10 to \$108 in 2008.⁹

Adverse Selection

The Part D market may be more prone to adverse selection, the tendency for plans with relatively generous coverage to draw a disproportionate share of enrollees with high expected costs, than other health insurance markets because of the persistence and predictability of drug expenditures.¹⁰ The high expected drug spending of dual-eligibles with mental disorders creates incentives for PDPs to avoid enrolling them. In general, plans can influence beneficiary enrollment primarily through the structure of their formulary, cost sharing/benefit design, and utilization management.

However, CMS has put into place a number of policies to reduce plans' incentives and abilities to influence enrollee selection and ensure medication access. These policies include risk adjustment, risk-sharing between Medicare and plans, and formulary protections. If properly structured these policies can minimize adverse selection among plans, and mitigate the incentives for plans to reduce coverage of drugs used by enrollees with high expected costs. Thus, these policies could help to ensure access to medications for vulnerable populations like dual-eligibles with mental disorders.

To account for differences in the level of risk faced by plans based on the composition of their enrollees, Medicare risk adjusts payments to PDPs using an age, sex, low-income status, and diagnosis-based model similar to that used for the Medicare Advantage program.¹¹ Notably, schizophrenia was among the conditions associated with the largest drug costs.¹² Hsu and colleagues evaluated the Part D risk adjustment model and reported a significant difference between the amount of variation it explained in drug expenditures (12%), and the amount explained by a model that added prior-year drug expenditures (40%).¹³ In addition, the model over-predicts costs for beneficiaries with low expenditures and under-predicts costs for beneficiaries are risk-adjusted, PDPs have incentives to manage the composition of their enrollees by potentially limiting coverage of drugs used by beneficiaries with high expected costs such as those with mental disorders.

Improving the performance of the risk adjustment system is particularly important as the financial risk faced by plans increased in 2008. Medicare established risk corridors to limit PDPs' overall losses and gains. For example, in 2006–2007, if a PDP's actual costs were more than 5% above their expected costs, Medicare assumed 80% of losses (and likewise kept 80% of gains if the PDP's costs were less than 5% below expected costs). Beginning in 2008 and through 2011, Medicare assumes only 50% of losses from 5% to 10% above expected costs and 80% of losses above 10% of expected costs. CMS has authority to further increase the level of plan risk in 2012.

Medicare put into place policies to limit PDPs' ability to restrict coverage of medications. For example, institutionalized dual-eligibles pay no cost sharing and non-institutionalized dual-eligibles pay one fixed copayment for generics and a slightly higher fixed copayment for brand drugs.¹⁴ As a result, PDPs cannot use cost-sharing tiers to influence use. In addition, for major classes of psychiatric drugs – antidepressants, antipsychotics, and anticonvulsants – PDPs must cover at least one formulation of every drug, a further limitation on their ability to influence use and/or affect enrollee selection. However, recent legislation codifying the requirement that

PDPs list "all or substantially all" drugs in these classes allows CMS to establish exceptions that permit PDPs to either exclude a drug in the protected classes from its formulary or to impose utilization restrictions.¹⁵

PDP Participation in the Dual-Eligible Market

The percentage of PDPs offering benchmark plans eligible for auto-assignment of dualeligibles and other low-income subsidy (LIS) beneficiaries fell from 29% (409) of all plans in 2006 to 18% (308) in 2009, compared to an overall increase in the number of non-benchmark plans from 1,020 in 2006 to 1,381 in 2009.¹⁶ More than a third of plans qualified to serve lowincome beneficiaries in 2008 did not offer benchmark plans for 2009.¹⁷ Most of the large PDPs accounting for the bulk of Part D enrollment have reduced the number of plan offerings for dual-eligibles.¹⁸

There is substantial state-to-state variation in the number of plans available to dual-eligibles. In 2009, six states each have 5 or fewer benchmark plans; Nevada has only one.¹⁹

In some cases the withdrawal of PDPs from the LIS market is part of a deliberate business strategy while in other cases it is a function of the methodology CMS uses to calculate the annual benchmark. The benchmark is the average monthly premium for PDP and MA-PD plans in the region, weighted by beneficiary enrollment.²⁰ Regions with high MA-PD penetration tend to have lower benchmark premiums. Plan exit from the LIS market could lead to disruptions in medication use for dual-eligibles who have to switch plans.

Impact on Medication Access

Formulary coverage and utilization management

Because of the low fixed copayments for dual-eligibles and formulary rules for psychotropic drugs mentioned above, plans must rely primarily on utilization management tools like prior authorization (requiring preapproval before coverage) and step therapy (requiring enrollees to initiate treatment with a specified drug(s) before receiving coverage for others) to influence psychotropic medication use and/or discourage enrollment of those with mental disorders. Some advocates for dual-eligibles were concerned that utilization management requirements under Part D would increase barriers to psychotropic drug access despite the special protections governing these classes. However, appropriate application of utilization management may lead to a more efficient allocation of resources and possibly higher quality of care. We examined trends at the plan- and drug-level in formulary coverage and utilization management for antidepressants, atypical antipsychotics, and anticonvulsants approved to treat bipolar disorder among benchmark plans using CMS data. We present data for the classes as a whole as well as for specific, commonly-used medications.

In the atypical antipsychotic class the trend between 2006 and 2008 was toward greater formulary coverage (Exhibit 4). For example, 16% of plans excluded Zyprexa Zydis in 2006 but none excluded it in 2008. In the antidepressant category, where a number of reformulations (e.g., controlled-release forms) have been introduced, plans cover at least one but typically not all formulations. For example, 100% of benchmark PDPs listed generic paroxetine on their formularies in 2008 but only 52% covered Paxil CR (controlled-release paroxetine) (Exhibit 4).

Utilization management requirements are common in these classes, and the number of plans using them has generally increased since 2006 (Exhibit 5). The proportion of plans requiring prior authorization or step therapy for anticonvulsants and antidepressants doubled while the proportion for antipsychotics increased 12%. At the drug-level, on average in 2008, plans required prior authorization for 10% of atypical antipsychotics and 2% of antidepressants (data

not shown), compared to an average of 5% of 169 drugs (both psychotropic and non-psychotropic) commonly used by Medicare beneficiaries.²¹

Plans have become somewhat less likely to use prior authorization and more likely to use step therapy for atypical antipsychotics (Exhibit 6). In the antidepressant category, in which several generics are available, plans have increased step therapy use. For example, in 2006, no benchmark PDPs required step therapy for Cymbalta, a drug with no generic. However, 24% of benchmark PDPs imposed this limit in 2007 and 33% in 2008. Few plans imposed either restriction on anticonvulsants used as mood stabilizers (Exhibit 6).

These data tell us that a substantial number of dual-eligibles with mental disorders will face utilization restrictions that may lead to medication discontinuities. However, duals may be no more exposed to utilization management in Part D than if they had remained in Medicaid. In 2006, 25 states required prior authorization for one or more atypical antipsychotics.²² Studies suggest that Medicaid atypical antipsychotics prior authorization programs have led to modest reductions in pharmacy spending yet have increased risk of treatment discontinuities.²³ How prior authorization programs in Medicaid and Part D differ with respect to the administrative burden they pose for providers and approval rates is not known.

Given that (a) newer drugs in the antidepressant and antipsychotic categories have similar rates of treatment response and side effects, on average,²⁴ (b) we currently lack biological and/or environmental markers that clearly inform providers' treatment decisions,²⁵ and (c) the significant cost differences within these categories, it may be appropriate to require a Medicare beneficiary to start on a lower-cost agent (i.e., step therapy). However, given the vulnerability of beneficiaries with mental disorders, safeguards such as the CMS requirement that utilization management tools not be applied to patients on stable medication regimens,²⁶ are important for maintaining continuity of care.

Out-of-Pocket Costs

Many Medicaid programs charge modest copays similar to those charged dual-eligibles under Part D. However, copayments for brand drugs are higher under Part D than under some Medicaid programs.²⁷ In addition, unlike some Medicaid programs, PDPs do not exempt any medication classes from copayments. Finally, while most Medicaid programs require pharmacies to waive copayments for beneficiaries unable to pay,²⁸ there is no similar requirement under Part D.

Despite these changes, dual-eligibles, who had relatively low out-of-pocket drug costs under Medicaid, saw little to no change in their out-of-pocket share of psychotropic drug costs in 2006 (Exhibit 2). Similarly, a study using data on 5 drug classes from a single pharmacy chain reported that average copayments for elderly dual-eligibles decreased between 2005 and 2006 in 4 out of the 5 classes.²⁹

Medication discontinuities

A few published studies offer indirect evidence of problems with medication access under Part D for dual-eligibles with mental disorders. One study based on a survey of non-elderly dualeligibles with disabilities, including those with mental disorders, in one state found that 20% reported medication access problems in the first few months of 2006.³⁰ Another study, based on a survey of psychiatrists, found that nearly a third of dual-eligibles (30.6%) could not access a clinically-indicated refill during the first four months of Part D and 19.8% could not fill a new prescription because the drug was not covered or approved.³¹ A survey conducted at the end of 2006 suggests that rates of access problems remained stable throughout the first year of the program.³² Finally, a study using pre-part D data, projected that 9–10% of antipsychotic users, 7% of antidepressant users, and 4% of mood stabilizer users would switch medications due to PDP restrictions, with as many as 26% of beneficiaries switching psychotropic medications in some plans.³³ Medication discontinuities among individuals with mental disorders like schizophrenia have been shown to be associated with high rates of symptom relapse and hospitalization.³⁴

Beneficiary plan assignment and switching

Little is known about what represents a "good plan choice" for beneficiaries in Part D, and the optimal choice likely varies with beneficiary preferences and needs. For instance, some beneficiaries may prefer to first try a generic medication that would carry a lower copayment than a brand drug as required by a step therapy program than seek prior authorization to secure coverage. In addition, dual-eligibles with mental disorders who, on average, take multiple drugs may view some drugs as more important for their health.

Although permitted to change plans monthly, only 11% of non-institutionalized dual-eligibles changed plans in 2006³⁵ despite evidence of wide variability in plan features that can lead to differences in medication access. Dual-eligibles enrolled in PDPs whose 2008 premium bids exceeded the benchmark had to be reassigned to new PDPs with potentially different coverage and utilization management rules and may have experienced medication discontinuities as a result.³⁶ To mitigate these problems CMS typically reassigns beneficiaries to benchmark plan offerings from the same PDP sponsor wherever possible.

CMS has used random assignment to ensure roughly equal numbers of dual-eligibles across plans and reduce the likelihood of adverse selection in order to boost plan participation.³⁷ However, some state Medicaid programs have implemented "intelligent assignment" systems (i.e., taking into account the beneficiary's medications when making plan assignment) for dual-eligibles. For example, Maine reassigned beneficiaries initially assigned to plans that covered less than 85% of their drugs. A recent MedPAC report concluded that it would be feasible to adopt such a system nation-wide.³⁸

In designing an assignment algorithm, a tradeoff exists between exacerbating selection incentives and achieving good beneficiary/plan matches. Given that dual-eligibles have very high drug spending for which the current risk adjustment system is unlikely to completely account, a "best-fit" algorithm might create incentives for plans to reduce coverage of psychotropics, as they are used by beneficiaries with high expected costs. However, experience with intelligent assignment of dual-eligibles suggests these programs have led to increased concentration of beneficiaries in a smaller number of plans but have apparently not increased plan exit.³⁹

Impact on taxpayers

Psychotropics Prices

The expanded role for Medicare as a purchaser of psychotropic medications has important implications for taxpayers. Medicare's approach to drug pricing must balance the need to minimize costs to the federal government against the desire to maintain manufacturers' incentives to invest in drug development. Through the Medicaid rebate program, states are entitled to pay the lowest prices available in the private market. The Medicare Prescription Drug Improvement and Modernization Act (MMA) specifically prohibited the federal government from directly negotiating drug prices, relying instead on the purchasing power of PDPs. While PDPs are not entitled to the best private price like Medicaid, they can negotiate prices below Medicaid's "best price" without those prices being counted as a best price (i.e., the manufacturer need not rebate the lower amount to Medicaid).⁴⁰ This confers a potential advantage on PDPs over other private purchasers in negotiating rebates with manufacturers.

Frank and Newhouse (2008) reviewed pharmaceutical manufacturers' Form 10-Q filings with the Securities and Exchange Commission and found that manufacturers of the four most widely-used atypical antipsychotics all noted favorable price changes that resulted from the shift of dual-eligibles to Part D in 2006, suggesting that Medicare is paying higher prices for these drugs than Medicaid did.⁴¹

Conclusion

Medicare now finances a large share of psychotropic drug expenditures overall and for dualeligibles in particular. While we know relatively little about the impact of Part D on health outcomes among dual-eligibles, we do know something about how PDPs have responded to the economic incentives in Part D and can point to some new directions for policymakers to consider.

Some PDPs that served dual-eligibles when the program was implemented have exited the LIS market.⁴² Re-assignment of dual-eligibles to other PDPs might cause medication discontinuities and possibly decrements in health. Also, if plan exit continues at current levels, plan choice (and the competitive effects that might result) will become limited in more areas.

The doubling of the PDP risk corridors (the proportion of financial gains/losses that a PDP assumes responsibility for) in 2008 exposes plans to greater risk, and may exacerbate incentives to limit coverage for medications used by high-cost beneficiaries. Increased plan risk may also result in additional benchmark plan exits if the risk adjustment system does not accurately adjust for expected costs of dual-eligibles. The risk adjustment system could be updated to take drug utilization into account. In addition, CMS could consider exposing benchmark PDPs to less financial risk for dual-eligibles than other PDPs. For vulnerable populations like dual-eligibles, Medicare may opt to face higher program costs in order to improve medication access and plan participation.

Formulary coverage of psychotropic medications has been relatively generous overall since Part D's implementation due to the special protections for antidepressants, antipsychotics, and anticonvulsants. There are, however, gaps in coverage for certain formulations. In addition, utilization management requirements for psychotropic drugs vary across PDPs and have increased in the first three years of the program. Many state Medicaid programs use similar tools, so the switch from Medicaid to PDPs for dual-eligibles may not represent more restrictive coverage. However, the devil is in the details with respect to the impact of tools like prior authorization on access to psychotropics. For example, some PDPs may grant few approvals, while others approve most requests. CMS might consider monitoring prior authorization approval rates and possibly including them in plan performance rankings so that beneficiaries can make better plan choices.

Because of the variation across PDPs in formulary coverage and utilization management for psychotropics, duals with mental disorders may be better served by an intelligent random assignment process, although such a process may exacerbate concerns about adverse selection. However, the degree to which plans vary in the restrictions they place on psychotropics, the cognitive and other limitations preventing dual-eligibles from making fully-informed choices, and the vulnerability of this population to medication discontinuities suggest that CMS might consider experimenting with alternatives to random assignment.

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Exhibit 1

Medication use, spending, and distribution of spending by source for psychotropic medications and all medications in 2005 and 2006, U.S. Civilian Noninstitutionalized Population

	% With	Total		Percent Di	Percent Distribution of Spending by Source	by Source	
	Use	Spending \$	00P	Medicare	Medicaid	Private	Other
2005	05						
Antidepressants (all)	8.5	13.3b	36	2	14	43	9
SSRI, SSNRI other newer	7.8	12.9b	35	0	14	43	9
Antipsychotics (all)	1.3	5.5b	23	1	55	14	9
Atypicals	1.2	5.1b	23	1	57	13	9
Anticonvulsants	2.7	5.5b	29	2	33	30	7
ALL PRESCRIPTION DRUGS	63.1	213b	39	σ	14	37	7
2006	06						
Antidepressants (all)	8.4	13.2b	35	16^{*}	*∞	36^{*}	5
SSRI, SSNRI, other newer	7.6	12.7b	36	16^{*}	7*	37*	5
Antipsychotics (all)	1.3	5.7b	26	21^*	26^*	20	7
Atypicals	1.1	5.3b	25	21^*	26^{*}	21	7
Anticonvulsants	2.8	5.7b	34	16^{*}	19*	26	S
ALL PRESCRIPTION DRUGS	62.6	224b	35*	20^*	-*L	33*	°*

SOURCE: 2005–2006 MEPS

* Difference between 2005 and 2006 significant at p=0.05 level. Exhibit does not include in "clawback" payments made by the states to the federal government.

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Exhibit 2

Medication use, spending, and distribution of spending by source for psychotropic medications and all medications in 2005 and 2006, Dually Eligible Civilian Non-institutionalized Population

		% With	Total		Percent Di	Percent Distribution of Spending by Source	by Source	
		Use	Spending \$	00P	Medicare	Medicaid	Private	Other
	2005							
Antidepressants (all)		18.8	0.9b	20	S	70	ŝ	2
SSRI, SSNRI other newer		16.2	0.9b	18	5	73	1	3
Antipsychotics (all)		8.5	1.5b	12	7	84	0	-
Atypicals		7.4	1.5b	12	0	85	0	1
Anticonvulsants		13.0	0.9b	15	m	82		0
ALL PRESCRIPTION DRUGS		88.0	18.7b	19	5	73		2
	2006							
Antidepressants (all)		20.8	1.0b	*6	84*	5 *	0	33
SSRI, SSNRI, other newer		19.2	0.9b	*6	83*	~ *	0	33
Antipsychotics (all)		8.4	1.0b	9	83*	11*	0	0
Atypicals		7.7	0.9b	9	83*	11*	0	0
Anticonvulsants		11.5	$0.6b^*$	12	78^{*}	7*		2
ALL PRESCRIPTION DRUGS		87.0	17.7b	17	77*	ъ.	*0	1
SOURCE: 2005–2006 MEPS								

* Difference between 2005 and 2006 significant at P=0.05 level. Exhibit does not include in "clawback" payments made by the states to the federal government.

Exhibit 3

Medication use, spending, and distribution of spending by source for psychotropic medications and all medications in 2005 and 2006, Civilian Non-Institutionalized Medicare Population

	TITLAA 0/	1001				an more for	
	Use	Spending	00P	Medicare	Medicaid	Private	Other
2005							
Antidepressants (all)	16.0	3.8b	41	×	18	23	10
SSRI, SSNRI other newer	13.7	3.6b	41	7	18	23	10
Antipsychotics (all)	3.3	2.1b	25	4	64	4	ŝ
atypicals	2.7	2.0b	24	4	66	ŝ	33
Anticonvulsants	7.0	2.1b	29	4	35	22	6
ALL DRUGS	91.0	88.5b	43	7	16	23	11
2006							
Antidepressants (all)	18.1^{*}	4.1b	32^*	52^*		10^{*}	°*
SSRI, SSNRI, other newer	16.1^{*}	3.8b	32*	51^{*}	*	11*	°,*
Antipsychotics (all)	3.6	1.9b	22	61^{*}	e*	4	7
atypicals	2.9	1.8b	23	61^{*}	ו0	4	9
Anticonvulsants	7.2	1.9b	31	48*	2*	12	7
ALL DRUGS	91.2	96.3b	31^*	45*	-*-	14	*∞

* Difference between 2005 and 2006 significant at P=0.05 level. Exhibit does not include in "clawback" payments made by the states to the federal government.

Exhibit 4

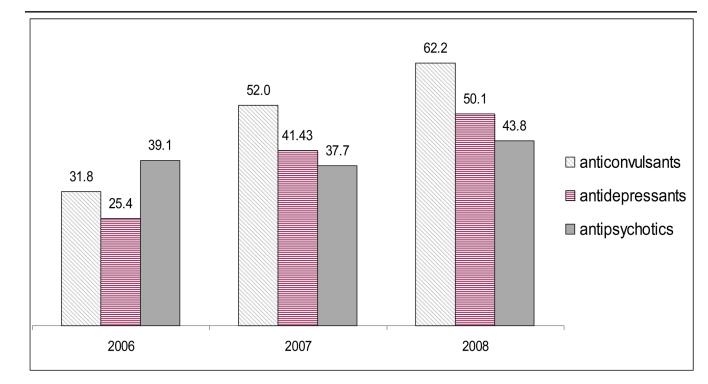
Formulary Coverage of Selected Atypical Antipsychotics, Newer Antidepressants and Anticonvulsants for PDPs that Serve Dual Eligibles, 2006–2008

Drug Product	'06	% Covered (Yes/No) '07	'08
	00	07	08
Antipsychotics			
Abilify	100%	100%	100%
Abilify Discmelt	N/A	83%	100%
Risperdal	100%	100%	100%
Risperdal Consta (IM)	93%	100%	100%
Risperdal M-TAB ODT	93%	100%	100%
Zyprexa	100%	100%	100%
Zyprexa IM	74%	90%	100%
Zyprexa Zydis	84%	100%	100%
Antidepressants			
Celexa	17%	29%	28%
Citalopram	100%	100%	100%
Lexapro	71%	83%	88%
Cymbalta	100%	100%	100%
Paroxetine	100%	100%	100%
Paxil	17%	29%	28%
Paxil CR	64%	59%	52%
Anticonvulsants			
Carbamazepine	98%	100%	94%
Carbamazepine chewable	99%	100%	100%
Tegretol	97%	98%	100%
Tegretol chewable	64%	58%	63%
Lamictal	100%	100%	100%
Lamictal chewable	79%	41%	40%
Lamotragine chewable	67%	95%	100%
Depakote	92%	100%	100%
Depakote ER	98%	99%	100%
Depakote sprinkles	90%	100%	100%
Valproic acid	100%	100%	100%
Valproate IV	100%	95%	99%

Note: The source of these data is the January 2006, 2007, and 2008 CMS Prescription Drug Formulary and Pharmacy Network Files. "N/A" refers to drug products not yet available as of January of the year in question. There were 409 PDPs serving dual eligibles in 2006,642 in 2007, and 495 in 2008.

Exhibit 5

Percentage of Benchmark PDPs Requiring Either Step Therapy or Prior Authorization for Any Drug in Selected Psychotropic Classes, 2006–2008



SOURCE: CMS Prescription Drug Plan Formulary and Pharmacy Network Files, January 2006, 2007, and 2008.

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Use of Utilization Management Tools for Selected Atypical Antipsychotics, Newer Antidepressants and Anticonvulsants for PDPs that Serve Dual Eligibles, 2006-2008

Drug Product		P			l	
		Authonicotion			Step Therapy	
	90,	Authorization '07	80,	90,	40,	80,
Antipsychotics	707	707	1.2%	00%	202	70L
Abilify Discmelt		16%	12.0	N/A	5%	7%
Risperdal	11%	0%	%0	0.5%	0%	%0
Risperdal Consta (IM)	26%	17%	15%	0.5%	0%	%0
Risperdal M-TAB ODT	11%	6%	6%	0.5%	0%	%0
Zyprexa	11%	10%	7%	0.5%	3%	7%
Zyprexa IM	23%	16%	7%	0.5%	4%	7%
Zyprexa Zydis	7%	19%	18%	0.5%	0.2%	2%
Antidepressants						
Celexa	0%0	2%	2%	%0	3%	51%
Citalopram	0%	0%	%0	1%	0%	0%
Lexapro	%0	0%0	0%	0%0	14%	26%
Cymbalta	15%	1%	2%	%0	24%	33%
Paroxetine	%0	%0	%0	4%	0%	0%0
Paxil	0%0	2%	2%	0%0	3%	51%
Paxil CR	5%	0%	1%	5%	7%	39%
Anticonvulsants						
Carbamazepine	0%	0%	0%	0%0	0%	0%
Carbamazepine chewable	0% 0	%0 •	0%	0%	0%	0%0
ı egretoi Tegretoi chewable	0%0	1%0 1%	%0 0%	0%0 0	0%0	%0 0%
[amicta]	11%	730%	%U	%U	0%	50%
Lamictal chewable	0%	2%	%0	0%0	%0 0%	%0 0%
Lamotragine chewable	5%	14%	%0	0%	0%0	5%
Depakote	0%	%0	%0	0%	0%	%0
Depakote ER	0%	1%	0%	0%0	0%0	0%
Depakote sprinkles	0%	1%	%0	%0	0%	0%
Valproic acid	3%	0%	0%	%0	0%	0%
Valproate IV	6%	2%	1%	%0	0%	%0