



PBM Economics

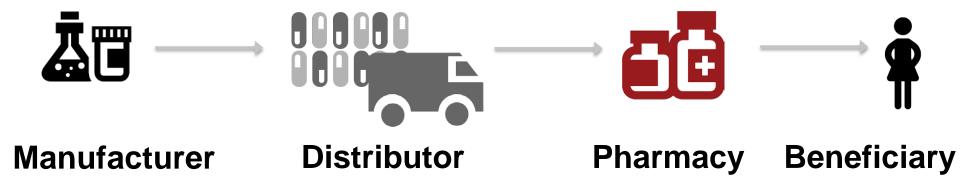
Neeraj Sood, PhD

Professor and Vice Dean for Faculty Affairs & Research, USC Price School of Public Policy & USC Schaeffer Center

PBM Economics

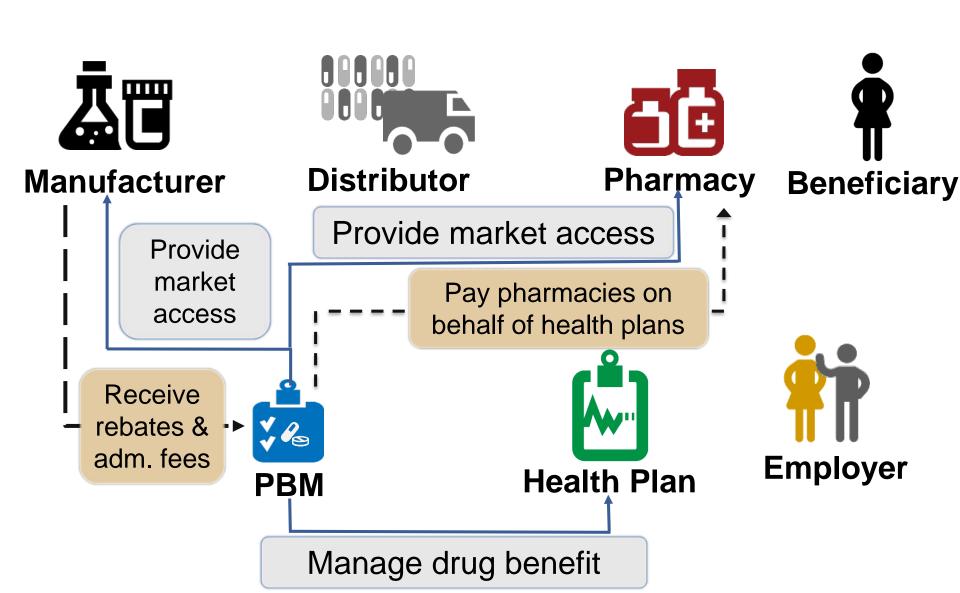
- What is the role of PBMs in the pharmaceutical supply chain?
- How well is the PBM market functioning?
- Potential policy solutions for increasing transparency

Flow of prescription drugs



PBMs play no role in the physical distribution of prescription drugs to consumers

PBM relationship with other supply chain



How do PBMs make money?



Manufacturer

Distributo





Distributor

Provide market access

Receive rebates & adm. fees

Retained Rebate:

PBM

Difference between rebate received from the manufacturer and amount passed through to plans

Provide market access

Pay pharmacies on behalf of ----

Receive negotiated payment for reimbursing pharmacies & admin fee

Pass through some rebates to health plans

Manage drug benefit

Spread Pricing:

Difference between negotiated payment from health plan and what is paid to pharmacies





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Trickle down rebates...



Buying a house:

- Sally is considering buying a house.
- Her real estate agent is John.
- John negotiates with the seller a \$10,000 reduction in the price of the house.
- Sally pays \$10,000 less for the house.

Scenario:











- She now has two agents: John & Joe
- John negotiates a \$10,000 discount from the seller. The amount is **secret and not disclosed**. He keeps some of the money and passes the rest to Joe.
- Joe keeps some of the undisclosed money received from John and passes the rest to Sally.
- How much of the \$10,000 did Sally receive?





Lack of transparency means consumers might not benefit from higher rebates

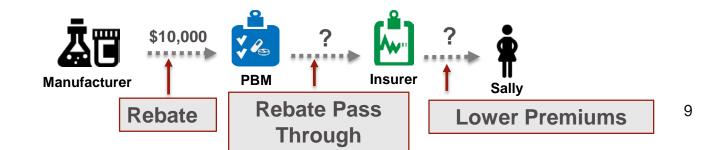
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Rebates misalign incentives: Not choosing cheaper drugs



Retail Price: \$200

rebate of \$50



PBMs keeps

\$5 🕢



Cost to health plans

\$155



Cost to consumers?

Drug B

Retail Price: \$100

rebate of \$30

\$3

\$73



✓ Uninsured might pay list price

Insured consumers below deductible might pay list price

✓ Insured may pay higher premiums

Highly concentrated supply chain

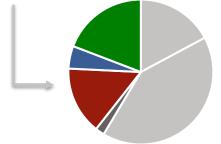
 Highly concentrated supply chain with few key players controlling large market shares







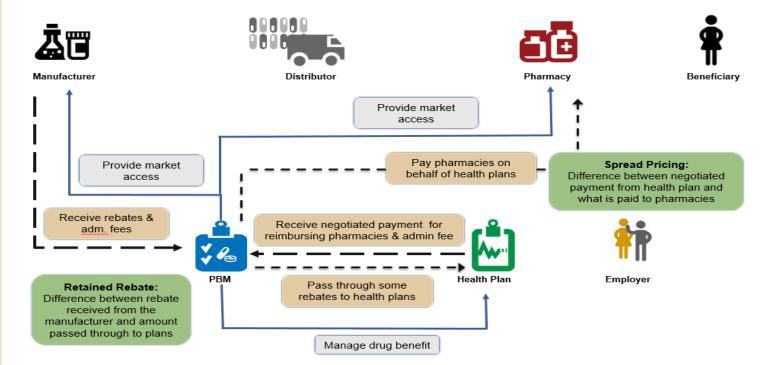
- Top 3 PBMs account for roughly 75% of covered lives
- Wholesale, pharmacy and insurer markets are also highly concentrated
- Of \$100 spent on drugs, \$42 goes to PBMs, wholesalers, pharmacies, and insurers.





Consolidated PBM markets may mean higher costs for consumers

- Dominant PBMs might negotiate higher rebates but not pass rebates to health plans
- Dominant PBMs might engage in excessive



New wave of vertical consolidation in pharma supply chain might further curtail competition

- Misaligned incentives
 - A PBM that owns a pharmacy might favor its own pharmacy even if rival pharmacies have lower costs
 - A PBM that owns a health plan might try to increase drug costs of rival health plans
- Barriers to entry
 - Need to entry several distinct supply chain markets to effectively compete in the market







PBM Economics

- What is the role of PBMs in the pharmaceutical supply chain
- How well is the PBM market functioning?
- Potential policy solutions for increasing transparency

Why do we need increased transparency?

With information currently available, we cannot answer basic and important questions:

- What are the major sources of profits for PBMs?
- Who is benefiting from the rise in drug prices?
- Is the PBM market competitive?
- Are vertically integrated PBMs limiting competition by helping their own pharmacies?
- Are PBMs good agents of health plans and consumers?

- USC Schaeffer USC Price
- What are the major sources of profits for PBMs?
- Is the PBM market competitive?
- Are PBMs good agents of health plans?

Recommendation one:

Improve transparency on PBM revenue sources

- Revenues by line of business:
 - PBM
 - Specialty pharmacy
 - Mail order pharmacy
 - Retail pharmacy
 - Other

For PBM line of business:

- Revenues from manufacturers (rebates, admin fees, other)
- Revenue from health plans (reimbursement to pharmacies, claims processing fees, special programs fee, admin fees, other)
- Revenue from pharmacies (clawbacks from pharmacies, other)₁₆
- Other

- What are the major sources of profits for PBMs?
- Is the PBM market competitive?
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Recommendation two:

Improve transparency on PBM expenditure sources

- Expenses by line of business:
 - -PBM
 - Specialty pharmacy
 - Mail order pharmacy
 - Retail pharmacy
 - Other

- For PBM line of business:
 - Payments to pharmacies
 - Claims processing expenses
 - Rebate pass through to health plans
 - Expenses on special programs (adherence, medical management, etc.)
 - Admin expenses
 - Other

Who is benefiting from the rise in drug prices?

Recommendation three:

Improve transparency on revenues at the drug level

- For top 25 drugs in terms of PBM revenues and/or list price inflation:
 - Total Rebates per unit
 - Retained rebates per unit
 - Spread pricing per unit
 - Other revenues per unit



 Are vertically integrated PBMs limiting competition by helping their own pharmacies?

Recommendation four:

Improve transparency on dealings with own pharmacies

- For top 25 drugs in terms of expenditures:
 - Reimbursement to Own Pharmacy, Competing Chain Pharmacy, Independents
- For top 25 drugs sold by own pharmacy:
 - Market share of own PBM, and other PBMs





Recommendation five:

Improve transparency on formulary decisions

- For top 25 drug classes in terms of expenditures:
 - Net cost of drug to health plans (pharmacy reimbursement less rebate pass through)
 - Net revenue of drug to PBM (retained rebate + spread pricing)
 - Formulary placement of drug (Tier, Average Cost sharing)







Is the PBM market competitive?

Are PBMs good agents of health plans?

Recommendation six:

Improve transparency on PBM health plan customers

PBMs should report:

- Health plans they support and number of members supported
- Include data from past 5 years so that one see the churn in customers

Recommendation seven:

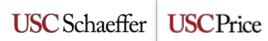
Improve transparency by asking the same information from health plans and PBMs

Health Plans

- Amount sent to PBM for reimbursing pharmacies
- Amount of rebate received from PBM

PBMs

- Amount reimbursed to pharmacies on behalf of health plans
- Amount of rebate passed on to health plans



Why do we need increased transparency?

Key Questions	Recommendations							
	1	2	3	4	5	6		
What are the major sources of profits for PBMs?	X	X						
Who is benefiting from the rise in drug prices?			X					
Is the PBM market competitive?	X	X				X		
Are vertically integrated PBMs limiting competition by helping their own pharmacies?				X				
Are PBMs good agents of health plans?	X	X			X	X		



DHMC needs additional resources to answer these questions

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	1	2	3	4	5	6		
What are the major sources of profits for PBMs?	X	X						
Who is benefiting from the rise in drug prices?			X					
Is the PBM market competitive?	X	X				X		
Are vertically integrated PBMs limiting competition by helping their own pharmacies?				X				
Are PBMs good agents of health plans?	X	X			X	X		



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