

Supplemental Digital Appendix 2: Survey instrument

Physicians in public life

Please complete the survey below.

Thank you!

Please note that this survey requires a response to every question.

Year in medical school

☐ 1
☐ 2
☐ 3
☐ 4+
☐ I am not currently a medical student

What is your age?

☐ 18-24 years old
☐ 25-34 years old
☐ 35-44 years old
☐ 45+

Gender

☐ Female
☐ Male
☐ Non-binary

Which best describes your race? Select all that apply:

☐ American Indian or Alaska Native
☐ Asian
☐ Black or African American
☐ Native Hawaiian or Other Pacific Islander
☐ White
☐ Other

Are you of Hispanic, Latino, or Spanish origin?

☐ Yes
☐ No

Which medical school do you attend?

Current degree program

☐ MD
☐ DO
☐ MD/PhD
☐ MD/MPH
☐ MD/MS
☐ MD/JD

Anticipated med school debt

☐ 0
☐ \$1-99k
☐ \$100-199k
☐ \$200-299k
☐ \$300-399k
☐ \$400k+

Anticipated future field

☐ Primary care
☐ Non-primary care clinical
☐ Non-clinical
☐ Undecided

Overall, how would you characterize yourself politically?

- ☐ Very conservative
- ☐ Somewhat conservative
- ☐ Independent/moderate
- ☐ Somewhat liberal/progressive
- ☐ Very liberal/progressive

Are you currently a member of any of these medical organizations? Please select all that apply:

- ☐ American Medical Association (AMA)
- ☐ American Medical Student Association (AMSA)
- ☐ American Medical Women's Association (AMWA)
- ☐ American Association of Medical Colleges (AAMC)
- ☐ Specialty society (e.g. ACP, ACS, AAFP)
- ☐ Other (please specify)
- ☐ None of the above

Other (please specify)

Please indicate your level of agreement with the following statements:

	Strongly Disagree	Somewhat Disagree	Somewhat Agree	Strongly Agree
I follow healthcare policy in the news.	☐	☐	☐	☐
I plan to become involved in healthcare policy issues as a physician (e.g., through donations, volunteering, etc).	☐	☐	☐	☐
I plan to take leadership in healthcare policy issues as a physician.	☐	☐	☐	☐
Healthcare policy will have little or no effect on how I care for my patients.	☐	☐	☐	☐

How important is it for physicians to:

	Very important	Somewhat important	Not important
Provide necessary care regardless of the patient's ability to pay.	☐	☐	☐
Know the overall cost of the care they provide.	☐	☐	☐
Provide health-related expertise to local community organizations (e.g., school boards, parent-teacher organizations, athletic teams, local media).	☐	☐	☐
Be politically involved (other than voting) in health-related matters at the local, state, or national level.	☐	☐	☐
Encourage medical organizations to advocate for the public's health.	☐	☐	☐

Outside provision of direct patient care, how important is it that physicians, individually or collectively, advocate for the following:

	Very important	Somewhat important	Not important
Healthcare costs	☐	☐	☐
Healthcare coverage for the uninsured	☐	☐	☐
Medicare, Medicaid, and Social Security	☐	☐	☐
Drug addiction and treatment	☐	☐	☐
Abortion laws and reproductive issues	☐	☐	☐
Nutrition, obesity, and food safety	☐	☐	☐
Education	☐	☐	☐
Housing and homelessness	☐	☐	☐
Transportation	☐	☐	☐
Immigration	☐	☐	☐
LGBTQ issues	☐	☐	☐
Racial issues	☐	☐	☐
Disability rights	☐	☐	☐
Economic issues	☐	☐	☐
Environmental issues	☐	☐	☐
Human rights	☐	☐	☐
Crime and criminal justice	☐	☐	☐
Military and national security issues	☐	☐	☐

How would you rate your UNDERSTANDING of the factors that influence drug pricing?

☐ Excellent ☐ Good ☐ Fair ☐ Poor

How would you rate the QUANTITY of instruction at your medical school about factors that influence drug pricing?

☐ Too much ☐ Adequate ☐ Too little ☐ I have not received any such instruction

How would you rate the QUALITY of instruction at your medical school about factors that influence drug pricing?

☐ Excellent ☐ Good ☐ Fair ☐ Poor ☐ I have not received any such instruction

How important is it for physicians to understand the factors that influence drug pricing?

☐ Very important ☐ Somewhat important ☐ Not important

What proportion of U.S. prescriptions are for brand-name drugs?

☐ < 20% ☐ 20-39% ☐ 40-69% ☐ 70-90% ☐ >90% ☐ Don't know

What proportion of U.S. drug spending is for brand-name products?

☐ < 20% ☐ 20-39% ☐ 40-69% ☐ 70-90% ☐ >90% ☐ Don't know

Identify whether each statement below is TRUE or FALSE.

	True	False	Don't know
Drug prices in the U.S. are about the same as prices in other developed countries.	☐	☐	☐
Drug PRICES in the U.S. are rising faster than inflation.	☐	☐	☐
U.S. drug SPENDING is rising less than other health care spending.	☐	☐	☐
Drug prices are NOT correlated with effectiveness.	☐	☐	☐
Drug prices are correlated with research and development costs.	☐	☐	☐
The rise in U.S. drug SPENDING is driven more by increased utilization than by higher prices.	☐	☐	☐
Drugs with higher retail prices always cost health plans more than drugs with lower retail prices.	☐	☐	☐
When administering intravenous drugs to patients in clinics, physicians receive higher payments from insurers if they use lower-priced, more cost-effective drugs.	☐	☐	☐

Choose the five GROUPS that MOST INFLUENCE a new drug's price. Indicate whether the remaining GROUPS are somewhat or not influential.

	Most influential (choose up to 5)	Somewhat influential	Not influential	Don't know
Drug companies	☐	☐	☐	☐
Pharmacies	☐	☐	☐	☐
Hospitals and clinics	☐	☐	☐	☐
Private practices	☐	☐	☐	☐
Professional medical societies	☐	☐	☐	☐
International pricing committees	☐	☐	☐	☐
Insurance companies	☐	☐	☐	☐
Pharmacy benefit managers	☐	☐	☐	☐
Wholesalers	☐	☐	☐	☐
Patient advocacy groups	☐	☐	☐	☐
Food and Drug Administration (FDA)	☐	☐	☐	☐
National Institutes of Health (NIH)	☐	☐	☐	☐
Medicare/Medicaid	☐	☐	☐	☐
Congress	☐	☐	☐	☐
Other-please specify	☐	☐	☐	☐

Other - please specify

Choose the five ISSUES that MOST INFLUENCE a new drug's price. Indicate whether the remaining ISSUES are somewhat or not influential.

	Most influential (choose up to 5)	Somewhat influential	Not influential	Don't know
Cost of the drug's development	☐	☐	☐	☐
Cost of marketing to doctors	☐	☐	☐	☐
Cost of marketing to consumers	☐	☐	☐	☐
Insurance company policies	☐	☐	☐	☐
Middleman in the drug distribution system	☐	☐	☐	☐
Financial incentives of healthcare providers	☐	☐	☐	☐
Government regulations	☐	☐	☐	☐
Consumer demand	☐	☐	☐	☐
Rarity of the disease/condition	☐	☐	☐	☐
Population burden of the disease/condition	☐	☐	☐	☐
Novelty of the drug's mechanism	☐	☐	☐	☐
Number of other drugs for the disease/condition	☐	☐	☐	☐
Safety and effectiveness of the drug	☐	☐	☐	☐
Safety and effectiveness of other drugs for the disease/condition	☐	☐	☐	☐
Other - please specify	☐	☐	☐	☐

Other - please specify

What would you like to learn more about? Please select all that apply:

- ☐ How drug prices are determined and by whom
- ☐ Factors and conditions that promote higher drug prices
- ☐ The consequences of rising drug prices for patients and/or society
- ☐ Potential solutions to higher drug prices
- ☐ Not interested in learning about drug pricing
- ☐ Other health policy issues (please specify)

Health policy issues you would like to learn more about

Please feel free to share any additional thoughts or comments about physician engagement in public issues.

If you would like to be entered into a lottery to win a \$100 Amazon gift card, please provide your MEDICAL school email address.

Thank you for completing the survey! Please click the submit button to submit your answers.

Thank you for your interest, but this survey is for current medical students only.