

## Supplemental Online Content

Hogan S, Yamazaki K, Jing Y, Trock B, Han M, Holmboe E. Industry payments received by residents during training. *JAMA Netw Open*. 2023;6(10):e2337904. doi:10.1001/jamanetworkopen.2023.37904

**eTable 1.** Types of Industry Largess Received by Residents in 6 Medical Specialties, 2020 to 2021

**eTable 2.** Types of Industry Largess Received by Residents in all Medical Specialties, 2020 to 2021

**eTable 3.** Definitions of Payment Types

This supplemental material has been provided by the authors to give readers additional information about their work.

**eTable 1. Types of Industry Largess Received by Residents in 6 Medical Specialties, 2020 to 2021**

	Count of payments												
Specialty	Food and Beverage	Education	Travel and Lodging	Grant	Consulting Fee	Compensation for services other than consulting, including serving as faculty or as a speaker at a venue other than a continuing education program	Gift	Royalty or License	Honoraria	Entertainment	Long term medical supply or device loan	Compensation for serving as faculty or as a speaker for a medical education program	Debt forgiveness
Orthopaedic surgery	5815	1675	397	36	7	7		4				1	
Internal medicine	7293	44	11	25	1	2	17						

<b>Famil y medici ne</b>	<b>4631</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>4</b>	<b>3</b>	<b>1</b>				<b>1</b>		
<b>Surge ry</b>	<b>2858</b>	<b>185</b>	<b>99</b>	<b>18</b>	<b>7</b>	<b>7</b>	<b>1</b>						
<b>Urolo gy</b>	<b>2136</b>	<b>54</b>	<b>18</b>	<b>20</b>		<b>2</b>							
<b>Obstet rics and gynec ology</b>	<b>1131</b>	<b>90</b>			<b>1</b>		<b>1</b>						
<b>total</b>	<b>2386 4</b>	<b>2050</b>	<b>528</b>	<b>10 2</b>	<b>20</b>	<b>21</b>	<b>20</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>
<b>% of total</b>	<b>89.7 %</b>	<b>7.7%</b>	<b>2.0 %</b>	<b>0.4 %</b>	<b>0.1%</b>	<b>0.1%</b>	<b>0.1 %</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>

**eTable 2. Types of Industry Largess Received by Residents in all Medical Specialties, 2020 to 2021**

	Count of payments												
Specialty	Food and Beverage	Education	Travel and Lodging	Grant	Consulting Fee	Compensation for services other than consulting, including serving as faculty or as a speaker at a venue other than a continuing education program	Gift	Royalty or License	Honoraria	Entertainment	Long term medical supply or device loan	Compensation for serving as faculty or as a speaker for a medical education program	Debt forgiveness
Orthopaedic surgery	5815	1675	397	36	7	7		4				1	
Internal medicine	7293	44	11	25	1	2	17						
Dermatology	5286	217	1		15	10							
Family medicine	4631	2	3	3	4	3	1				1		

Surgery	2858	185	99	18	7	7	1						
Psychiatry	2732	23				2	2						
Ophthalmology	2129	116	2		1				1				
Urology	2136	54	18	20		2							
Neurological surgery	1635	100	218	4	12	6			1	1			
Neurology	1782	12	2	7		34	2						
Obstetrics and gynecology	1131	90			1		1						
Vascular surgery - integrated	1042	104	30	29		1	1			1			
Otolaryngology - Head and Neck Surgery	657	70	87		6	1							
Emergency medicine	800	7	3	1	3	2	2						
Plastic Surgery - Integrated	700	63	7		24	3							
Thoracic surgery	490	112	188	1	1								
Anesthesiology	649	12	22	12	1		1						
Plastic surgery	618	44			2								
Allergy and immunology	621	1											
Interventional radiology - integrated	550	31	2	2		1							

Physical medicine and rehabilitation	470	15	5	4									
Radiology-diagnostic	329	16	2	1	4								
Thoracic surgery - integrated	283	40	27										
Radiation oncology	308	3			1								
Pediatrics	247	2	1				1				1		1
Transitional year	197	2					1						
Internal medicine/Pediatrics	184												
Colon and rectal surgery	100	6	42										
Child neurology	82	1		2		2			1				
Occupational and environmental medicine	52		1										
Pathology-anatomic and clinical	43												
Public health and general preventive medicine	36												
Osteopathic neuromusculo	27												

skeletal medicine													
Emergency medicine/Family medicine (components individually accredited)	15												
Nuclear medicine	2	7											
Internal medicine/Psychiatry (components individually accredited)	5												
Family medicine/Osteopathic neuromusculoskeletal medicine (components individually accredited)	3												
Internal med/Emer med/Critical care (components individually accredited)	2												

Internal medicine/Emergency medicine (components individually accredited)	2												
Internal medicine/Preventive medicine (components individually accredited)	2												
Medical genetics and genomics	1												
Internal medicine/Dermatology (components individually accredited)		1											
Aerospace medicine	1												
Column total	45946	3055	1168	165	90	83	30	4	3	2	2	1	1
% of total	90.9%	6.0%	2.3%	0.3%	0.2%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%



**eTable 3. Definitions of Payment Types**

<b>Payment type</b>	<b>CMS Definition of Payment Type</b>
Compensation for services other than consulting, including serving as faculty or as a speaker at a venue other than a continuing education program	Includes payments that a company makes to physicians for speaking, training, and education engagements that are not for continuing education.
Compensation for serving as faculty or as a speaker for a medical education program	Compensation for serving as faculty or as a speaker for an accredited or certified continuing education program. Compensation for serving as faculty or as a speaker for a non-accredited and noncertified continuing education program
Consulting Fee	A payment that a company makes to a physician for advice and expertise about a medical product or treatment. Consulting fees are typically arranged with a written agreement between a company and physician based on the company's particular business needs. These payments often vary depending on the consulting physician's expertise.
Debt forgiveness	Forgiving the debt of a covered recipient, a physician owner, or the immediate family of the physician.
Education	Payments or transfers of value for classes, activities, programs, or events that involve learning or teaching a profession skill. This payment can include things like textbooks and medical journal articles.
Entertainment	Attendance at recreational, cultural, sporting or other events that would generally have a cost.
Food and Beverage	Food and beverage.

Gift	A general category which includes anything a reporting entity provides to a covered recipient that does not fit into another Nature of Payment category.
Grant	A payment to a covered recipient to support a specific cause or activity
Honoraria	Similar to consulting fees, but generally reserved for a brief, one-time activity. Another distinction is that honoraria are generally provided for services without a set price.
Long term medical supply or device loan	The loan of supplies or a device for a total of 91 days or longer, regardless of whether the loan was 90 consecutive days
Royalty or License	Payments based on sales of products that use a physician's intellectual property.
Travel and Lodging	Any compensation for costs associated with travel, such as hotel fees, airfare, mileage, and cab fare.
<b>Source:</b> CMS Open Payments website, <a href="https://www.cms.gov/openpayments/natures-of-payment">https://www.cms.gov/openpayments/natures-of-payment</a>	
Accessed June 1, 2023.	