Table 130. Expenses for health care and prescribed medicine, by selected population characteristics: United States, selected years 1987-2008

(Data are based on household interviews of a sample of the noninstitutionalized population and a sample of medical providers)

Total expenses1

	Population in millions ²			Percent of persons with expense				Mean annual expense per person with expense ³				
Characteristic	1997	2000	2008	1987	1997	2000	2008	1987	1997	2000	2008	
All ages	271.3	278.4	304.4	84.5	84.1	83.5	84.4	\$2,960	\$3 , 252	\$3 , 376	\$4,470	
Under 65 years:												
Total. Under 6 years. 6-17 years. 18-44 years. 45-64 years.	237.1 23.8 48.1 108.9 56.3	243.6 24.1 48.4 109.0 62.1	264.6 24.7 49.6 111.0 79.4	83.2 88.9 80.2 81.5 87.0	82.5 88.0 81.7 78.3 89.2	81.8 86.7 80.0 77.7 88.5	82.6 88.8 82.5 76.5 89.1	2,305 1,958 1,291 2,026 3,923	2,466 1,151 1,292 2,235 4,327	2,659 1,405 1,397 2,382 4,454	3,571 2,049 1,699 2,974 5,843	
Sex												
MaleFemale	118.0 119.1	120.9 122.7	132.2 132.4	78.8 87.5	77.6 87.4	76.6 87.0	77.5 87.6	2,174 2,416	2,228 2,675	2,546 2,758	3,299 3,811	
Hispanic origin and ${\sf race}^4$												
Hispanic or Latino	29.4	32.0	45.0	71.0	69.5	69.0	69.9	1,838	2,052	1,812	2,472	
White Black or African American	166.2 31.3	169.2 32.1	167.3 33.5	86.9 72.2	87.2 72.1	86.6 71.3	87.6 75.7	2,312 2,788	2,645 1,977	2,782 2,824	3,936 3,268	
Asian ⁵ American Indian, Alaska Native, Hawaiian	•••	• • •	11.7	• • •	• • •	• • •	78.1	• • •	• • •	• • •	1,871	
Pacific Islander and Multiple Race 5	10.2	10.2	7.1	72.8	75.8	76.0	83.7	1,529	1,639	2,267	4,312	
Insurance status ⁶												
Any private insurance Public insurance only Uninsured all year	174.0 29.8 33.3	181.6 29.7 32.3	178.2 45.8 40.7	86.5 82.4 61.8	86.5 83.3 61.1	85.9 83.6 57.3	88.1 85.0 55.7	2,210 3,707 1,440	2,513 2,997 1,473	2,533 4,037 1,875	3,613 4,391 1,870	
65 years and over:												
Total	34.2	34.8	39.7	93.7	95.2	95.5	96.6	7,312	7 , 978	7,677	9,585	
Sex												
MaleFemale	14.6 19.6	15.0 19.8	17.2 22.6	92.0 94.9	94.5 95.7	93.4 97.1	95.7 97.3	7,482 7,192	8,965 7,250	8,232 7,273	9,433 9,698	
Hispanic origin and ${\sf race}^4$												
Hispanic or Latino Not Hispanic or Latino:	1.7	1.9	2.8	82.5	94.2	92.5	93.3	6,963	8,348	6,889	9,437	
White	28.8	28.9	31.5	94.9	95.9	95.9	97.5	7,198	8,018	7 , 793	9,603	
Black or African American Asian ⁵	2.8	2.9	3.5 1.3	88.5	92.2	94.0	93.8 94.9	8,813	7 , 857	7,383	10,414 6,037	
American Indian, Alaska Native, Hawaiian Pacific Islander and Multiple Race ⁵	*	*	*	*	*	*	*	*	*	*	*	

Insurance status⁷

Insurance status'								
Medicare only Medicare and private	8.8	12.0	15.8	85.9	92.1	94.8	95.8	5,760
insurance	21.7	19.2	18.6	95.4	97.0	96.0	98.2	7,234
coverage	3.2	3.2	4.8	94.4	93.2	96.3	96.4	11,235
						ean annual		
		Percent of ersons with						
		expense			with out-	of-pocket	expense ³	
Characteristic	1987	1998	2006	2007	1987	1998	2006	2007
All ages	57.3	61.8	62.6	61.7	\$174	\$292	\$444	\$360
Under 65 years:								
Total	54.0	58.1	58.4	57.5	129	205	364	284
Under 6 years	61.8	59.0	54.4	50.4	45	46	56	45
6-17 years	44.3 51.3	46.4 55.6	46.1 54.1	44.9 53.0	85 100	79 170	153 292	114 225
45-64 years	65.3	72.4	74.1	74.4	244	374	600	457
Sex	00.0	72.1	, 1, 1	,	211	0,1		10 /
JCA .								
Male	46.5	50.6	51.6	51.7	119	169	310	263
Female	61.4	65.7	65.2	63.3	136	231	407	299
Hispanic origin and race ⁴								
Hispanic or Latino Not Hispanic or Latino:	41.6	47.6	44.7	43.9	93	141	257	199
WhiteBlack or African American	57.7 44.1	62.9 47.7	64.6 51.7	63.4 51.6	135 114	210 234	389 298	310 249
Asian ⁵	44.1	47.7	41.6	42.6	114	234	252	199
American Indian, Alaska Native, Hawaiian						•••		
Pacific Islander and Multiple Race ⁵	41.1	42.9	56.1	57.1	95	192	*601	251
Insurance status ⁶								
Any private insurance	56.5	61.3	62.7	62.6	133	178	353	281
Public insurance only	56.5	61.2	59.1	56.3	89	280	297	201
Uninsured all year	35.1	38.1	36.8	36.4	142	314	577	438
65 years and over:								
Total	81.6	87.5	91.7	90.0	402	701	793	694
Sex								
Male	78.0	85.8	89.9	87.2	373	612	696	638
Female	84.0	88.7	93.0	92.1	419	762	865	733
Hispanic origin and ${\sf race}^4$								
Hispanic or Latino Not Hispanic or Latino:	74.7	85.6	85.7	83.7	*511	520	740	510
White	82.3	87.8	92.5	91.1	409	730	820	734
Black or African American	79.5	88.0	89.9	89.6	315	509	691	500

7,350

7,780

11,244

6,592

7,872

10,534

8,886

9,425

12,486

Asian ⁵ American Indian, Alaska Native, Hawaiian	• • •	• • •	88.4	82.2			599	568
Pacific Islander and Multiple Race 5	*	*	*	*	*	*	*	*
Insurance status ⁷								
Medicare only Medicare and private	70.6	86.8	90.3	87.0	443	856	887	738
insurance	83.4	88.4	93.7	93.0	417	675	811	754
Medicare and other public coverage	88.2	86.8	91.2	91.4	152	400	534	350

^{...} Category not applicable.

NOTES: 1987 estimates are based on the National Medical Expenditure Survey (NMES); estimates for other years are based on the Medical Expenditure Panel Survey (MEPS). Because expenditures in NMES were based primarily on charges and those for MEPS were based on payments, NMES data were adjusted to be more comparable to MEPS using estimated charge to payment ratios for 1987. Overall, this resulted in an approximate 11% reduction from the unadjusted 1987 NMES expenditure estimates. For a detailed explanation of this adjustment, see Zuvekas S, Cohen J. A guide to comparing health care expenditures in the 1996 MEPS to the 1987

NMES. Inquiry 2002;39(1):76-86.

See Appendix I, Medical Expenditure Panel Survey (MEPS).

Data for additional years are available. See Appendix III.

SOURCE: Agency for Healthcare Research and Quality, Center for Financing, Access, and Cost Trends. 1987 National Medical Expenditure Survey and 1996-2008 Medical Expenditure Panel Surveys. See Appendix I, Medical Expenditure Panel Survey (MEPS).

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^{*}Estimates are considered unreliable. Data preceded by an asterisk have a

relative standard error equal to or greater than 30%. Data not shown if based on fewer than 100 sample cases.

¹Includes expenses for inpatient hospital and physician services, ambulatory physician and nonphysician services, prescribed medicines, home health services, dental services, and other medical equipment, supplies, and services that were purchased or rented during the year. Excludes expenses for over-the-counter medications, phone contacts with health providers, and premiums for health insurance.

²Includes persons in the civilian noninstitutionalized population for all or part of the year. Expenditures for persons

in this population for only part of the year are restricted to those incurred during periods of eligibility (e.g., expenses incurred during periods of institutionalization and military service are not included in estimates).

 $^{^3}$ Estimates of expenses were converted to 2008 dollars using the Consumer Price Index (all items) and differ from previous editions of *Health*, *United States*.

See Appendix II, Consumer Price Index (CPI).

⁴Persons of Hispanic origin may be of any race. Starting with 2002 data, MEPS respondents were allowed to report multiple races and these persons are included in the American Indian, Alaska Native, Hawaiian Pacific Islander and Multiple Race category.

As a result, there is a slight increase in percentage of persons classified in this category in 2002 compared with prior years.

⁵Starting with 2002 data MEPS respondents were allowed to report as non-Hispanic Asian-only. Prior to 2002 Asian respondents were reported with the American Indian, Alaska Native, Hawaiian Pacific Islander and Multiple Race category.

⁶Any private insurance includes individuals with insurance that provided coverage for hospital and physician care at any time during the year, other than Medicare, Medicaid, or other public coverage for hospital or physician services. Public insurance only includes individuals who were not covered by private insurance at any time during the year but were covered by Medicare, Medicaid, other public coverage for hospital or physician services, and/or CHAMPUS/CHAMPVA (TRICARE) at any point during the year.

Uninsured includes persons not covered by either private or public

insurance throughout the entire year or period of eligibility for the survey.

Individuals with Indian Health Service coverage only are considered uninsured.

⁷Populations do not add to total because uninsured persons and persons with unknown insurance status were excluded.

⁸Includes expenses for all prescribed medications that were purchased or refilled during the survey year.