

**Supplement 1. Individuals Aged 65 Years and Older as a Percentage of HCUP Inpatient Discharges by Primary Expected Payer (Private Insurance or Medicare), by State, 2011–2018**

State	Discharges with private insurance, % aged 65+ years								Discharges with Medicare, % aged 65+ years							
	2011	2012	2013	2014	2015	2016	2017	2018	2011	2012	2013	2014	2015	2016	2017	2018
Overall	8.7	8.0	8.4	8.6	8.7	8.6	8.9	9.4	79.9	79.6	79.6	79.3	79.7	79.7	80.4	80.8
AR	10.8	11.4	14.4	12.4	10.0	9.1	9.6	11.0	77.4	77.1	76.9	77.2	77.0	77.0	77.5	77.2
AZ	6.2	6.5	7.4	7.5	8.1	7.9	7.2	7.6	80.6	80.5	80.8	81.1	81.9	82.4	83.0	83.0
CO	11.3	11.4	11.8	12.1	12.2	12.1	6.3	6.5	81.9	81.4	81.2	81.2	81.9	82.0	83.8	84.4
DC			6.2	6.0	6.4	6.5	6.9	8.6			72.9	72.8	73.9	73.8	74.2	75.1
DE						7.0	7.4	7.4						81.3	82.3	82.4
FL	6.9	7.3	7.8	7.2	6.9	6.6	7.1	7.1	80.5	80.5	80.4	80.0	80.1	80.3	80.8	81.3
GA	6.3	6.3	6.7	7.8	5.7	5.7	6.3	6.6	75.1	74.9	75.3	74.9	75.5	75.8	76.5	77.5
IA	6.5	6.1	4.5	4.3	4.5	4.9	5.1	5.1	86.7	86.3	86.2	86.0	85.9	85.4	83.7	83.9
KS	5.8	5.8	7.1	9.5	5.9	6.4	7.1	7.2	82.5	81.5	81.5	81.2	81.3	81.6	82.0	82.6
KY	7.7	9.6	10.6	12.5	11.9	10.5	11.1	11.9	75.7	75.1	74.8	74.2	74.7	74.8	75.4	75.6
MA	7.2	7.9	8.2	8.7	9.2	9.6	10.3	10.8	80.8	80.1	79.9	79.7	80.2	79.6	80.1	80.6
MD	6.4	7.0	7.3	7.1	7.3	7.4	8.1	8.3	79.8	79.3	79.5	79.2	80.1	80.2	80.8	81.3
ME	8.5	8.7	10.6	10.5	13.7	14.3	15.5	14.2	79.0	78.7	78.7	78.4	79.3	78.8	79.5	80.1
MI	6.9	7.1	7.3	6.8	6.0	6.4	6.6	7.1	78.4	78.3	78.5	78.0	78.3	78.6	79.5	79.9
MN	8.7	8.9	9.6	8.0	7.0	5.9	6.3	6.9	79.4	77.1	78.1	78.1	81.2	81.0	82.1	82.6
MO	6.2	6.4	7.4	6.8	6.8	6.0	6.0	6.1	77.2	76.7	76.3	76.0	76.0	76.2	77.2	77.8
MS	13.3		10.5	10.1	10.1	10.9	12.3	11.7	73.8		74.3	74.0	74.8	74.5	75.5	75.9
NC	16.8	18.3	20.8	24.1	24.4	24.4	25.9	27.5	75.7	75.8	76.0	75.1	75.3	75.5	76.6	77.7
NE	6.4	6.3	6.4	5.1	5.0	4.8	6.4	5.6	83.0	82.3	82.1	81.5	82.0	82.0	82.8	83.0
NJ	9.3	10.2	10.8	10.5	10.6	11.2	12.8	13.2	83.3	83.0	83.0	82.5	82.5	82.4	82.9	83.6
NM	6.2	6.0	6.8	9.1	7.8	7.4	6.3	6.5	78.1	78.7	79.7	79.0	79.6	79.3	79.6	80.1
NV	10.0	10.3	10.3	11.1	12.3	13.7	15.0	13.0	80.1	79.1	78.5	78.6	78.3	79.0	79.4	78.8
NY	8.3	8.6	8.4	8.5	8.8	9.5	8.3	8.3	82.2	81.9	81.8	81.3	81.6	81.7	82.2	82.5
OR	7.9	6.3	5.9	7.2	12.8	6.0	5.9	5.7	82.7	82.0	81.1	81.2	82.7	83.2	84.0	84.1
RI	7.9	6.2	6.6	6.8	7.2	7.0	7.1	7.3	78.1	77.5	77.4	76.9	76.5	76.2	80.2	81.2
SC	15.1	8.5	7.6	7.3	6.7	6.3	5.8	7.5	77.1	76.0	76.8	76.8	76.8	75.0	77.9	77.4
SD	5.0	4.4	5.5	5.1	4.5	5.5	6.0	6.8	85.0	85.1	84.1	83.8	84.0	85.0	85.2	85.8
UT	4.8	3.4	3.5	3.1	3.2	3.2	3.6	3.4	81.7	81.2	80.4	78.8	79.1	80.6	81.6	82.3
VT	10.3	12.1	10.5	12.2	11.7	14.1	14.3	19.7	81.7	81.2	81.8	81.9	82.5	82.4	82.8	83.1
WA	13.6	13.4	11.9	11.2	11.2	10.7	11.9	12.9	81.1	81.2	82.0	81.7	82.4	82.4	82.9	83.2
WI	4.0	4.1	4.2	4.2	4.8	4.1	4.4	5.7	81.6	81.3	81.0	81.0	81.2	81.1	81.7	81.9
WV	7.4	6.3	6.4	7.4	7.5	8.2	12.2	10.9	77.6	77.5	77.3	77.3	78.2	77.8	78.7	78.7

Source: Agency for Healthcare Research and Quality (AHRQ), Healthcare Cost and Utilization Project (HCUP), State Inpatient Databases (SID), 2011–2018

**Supplement 2. HCUP Ambiguous Source Payer Codes, by State, 2018**

State	Ambiguous source code type: G - Generic HMO/PPO B - Blue Cross Blue Shield O - Other carrier	PAY#_X payer code value	PAY#_X payer code description
AR	G	7	MANAGED CARE, UNSPECIFIED (HMO, PPO, POS, Other Managed Care- Unknown if public or private)
AR	B	6	BLUE CROSS/BLUE SHIELD (BC Indemnity, BC Managed Care, BC Out of State, BC Unspecified, BC Other)
AZ	G	2	HMO
AZ	G	03, 3	PPO
DC	B	B	Blue Cross Blue Shield
DC	B	Baaa	Blue Cross Blue Shield with payer type (Effective starting in 2014)
DE	G	6	HMO
DE	G	7	PPO
DE	B	3	BlueCross / BlueShield
GA	G	7	Managed Care (Unspecified)
GA	G	71	HMO
GA	G	72	PPO
GA	G	73	POS
GA	G	79	Other Managed Care (Unknown if public or private)
GA	B	6	Blue Cross/Blue Shield
GA	B	61	BC Managed Care
GA	B	611	BC Managed Care (HMO)
GA	B	612	BC Managed Care (PPO)
GA	B	613	BC Managed Care (POS)
GA	B	619	BC Managed Care (Other)
GA	B	63	BC Indemnity or Managed Care (Out of State)
GA	B	64	BC Indemnity or Managed Care (Unspecified)
GA	B	69	BC Indemnity or Managed Care (Other)
IA	B	6, 06	Blue Cross (e.g. Blue Cross Alliance Select, Blue Cross Unity Choice)
KS	B	004, 4, 04	Blue Cross/Blue Shield
KS	B	104	Blue Cross/Blue Shield Managed Care
KY	B	98960	Blue Cross Blue Shield (effective prior to 10/1/18)
KY	O	98994	Kentucky Health Cooperative Health Plan
MA	G	8	HMO
MA	G	E	PPO and Other Managed Care not listed elsewhere
MA	G	J	Point of Service Plan
MA	G	K	Exclusive Provider Plan
MA	B	6	Blue Cross
MA	B	C	Blue Cross Managed Care
MD	G	12	HMO (payer specified in PAYER1_X/ PAYER2_X)
MD	B	4	Blue Cross of Maryland
MD	B	16	Blue Cross of the National Capital Area
MD	B	17	Blue Cross (other state)
MI	G	9	Managed care type unknown
MI	G	12	Other HMO 1
MI	G	13	Other HMO 2

State	Ambiguous source code type: G - Generic HMO/PPO B - Blue Cross Blue Shield O - Other carrier	PAY#_X payer code value	PAY#_X payer code description
MI	G	14	Other HMO 3
MI	G	15	Other HMO 4
MI	G	16	Other HMO 5
MI	G	18	Other PPO/PPA 1
MI	G	19	Other PPO/PPA 2
MI	G	20	Other PPO/PPA 3
MI	G	21	Other PPO/PPA 4
MI	G	22	Other PPO/PPA 5
MI	B	6	Blue Cross/Blue Shield
MI	B	11	Blue Cross/Blue Shield HMO
MI	B	17	Blue Cross/Blue Shield PPO/PPA
MO	B	4	Blue Cross/Blue Shield
MS	B	98960	Blue Cross Blue Shield
NC	G	HM	HMO - PPO
NC	G	14	Exclusive Provider Org
NC	G	16	Health Maintenance Org
NC	G	13	Point of Service
NC	G	12	Preferred Provider Org
NC	B	BL	Blue Cross
NJ	B	10	Blue Cross Plan
NJ	B	20	Blue Cross Plan
NJ	B	22	Blue Cross Plan
NJ	B	25	Blue Cross Plan
NJ	B	26	Blue Cross Plan
NJ	B	29	Blue Cross Plan
NJ	B	30	Blue Cross Plan
NJ	B	40	Blue Cross Plan
NJ	B	50	Blue Cross Plan
NJ	B	60	Blue Cross Plan
NJ	B	70	Blue Cross Plan
NJ	B	80	Blue Cross Plan
NJ	B	90	Blue Cross Plan
NJ	B	101	Blue Cross Plan
NJ	B	110	Blue Cross Plan
NJ	B	121	Blue Cross Plan
NJ	B	130	Blue Cross Plan
NJ	B	140	Blue Cross Plan
NJ	B	150	Blue Cross Plan
NJ	B	160	Blue Cross Plan
NJ	B	170	Blue Cross Plan
NJ	B	180	Blue Cross Plan
NJ	B	190	Blue Cross Plan

State	Ambiguous source code type: G - Generic HMO/PPO B - Blue Cross Blue Shield O - Other carrier	PAY#_X payer code value	PAY#_X payer code description
NJ	B	200	Blue Cross Plan
NJ	B	210	Blue Cross Plan
NJ	B	220	Blue Cross Plan
NJ	B	230	Blue Cross Plan
NJ	B	240	Blue Cross Plan
NJ	B	241	Blue Cross Plan
NJ	B	250	Blue Cross Plan
NJ	B	260	Blue Cross Plan
NJ	B	265	Blue Cross Plan
NJ	B	270	Blue Cross Plan
NJ	B	280	Blue Cross Plan
NJ	B	281	Blue Cross Plan (valid beginning 1/93)
NJ	B	290	Blue Cross Plan
NJ	B	301	Blue Cross Plan
NJ	B	303	Blue Cross Plan
NJ	B	304	Blue Cross Plan
NJ	B	305	Blue Cross Plan
NJ	B	306	Blue Cross Plan
NJ	B	310	Blue Cross Plan
NJ	B	320	Blue Cross Plan
NJ	B	332	Blue Cross Plan
NJ	B	333	Blue Cross Plan
NJ	B	340	Blue Cross Plan
NJ	B	350	Blue Cross Plan
NJ	B	351	Blue Cross Plan
NJ	B	361	Blue Cross plan
NJ	B	362	Blue Cross Plan
NJ	B	363	Blue Cross plan
NJ	B	364	Blue Cross plan
NJ	B	370	Blue Cross plan
NJ	B	380	Blue Cross plan
NJ	B	390	Blue Cross Plan
NJ	B	392	Blue Cross Plan
NJ	B	400	Blue Cross plan
NJ	B	410	Blue Cross plan
NJ	B	415	Blue Cross plan
NJ	B	423	Blue Cross plan
NJ	B	430	Blue Cross Plan
NJ	B	443	Blue Cross Plan
NJ	B	450	Blue Cross Plan
NJ	B	460	Blue Cross Plan
NJ	B	470	Blue Cross Plan

State	Ambiguous source code type: G - Generic HMO/PPO B - Blue Cross Blue Shield O - Other carrier	PAY#_X payer code value	PAY#_X payer code description
NJ	B	471	Blue Cross Plan (effective beginning 1/93)
NJ	B	865	Blue Cross Plan (effective beginning 1/95)
NJ	O	32	HMO (effective 11/96)
NJ	O	33	HMO (effective 11/96)
NJ	O	34	HMO (effective 8/96)
NJ	O	35	HMO (effective 11/95)
NJ	O	36	HMO (effective 8/97)
NJ	O	37	HMO (effective 8/97)
NJ	O	45	HMO
NJ	O	47	HMO
NJ	O	48	HMO
NJ	O	56	HMO
NJ	O	58	HMO
NJ	O	59	HMO
NJ	O	72	HMO
NJ	O	73	HMO
NJ	O	74	HMO
NJ	O	77	HMO
NJ	O	78	HMO
NJ	O	81	HMO (effective 11/96)
NJ	O	84	HMO (effective 11/96)
NJ	O	87	HMO (effective 11/96)
NJ	O	88	HMO (effective 11/96)
NJ	O	94	HMO (effective 11/96)
NJ	O	97	HMO (effective 11/96)
NJ	O	76	Miscellaneous
NJ	O	91	Miscellaneous: Union Insurance
NJ	O	93	Miscellaneous (effective 1/95)
NJ	O	96	Miscellaneous (effective 1/95)
NV	G	21	Negotiated Discounts e.g. Preferred Provider Organization (PPO)
NV	G	22	Health Maintenance Organization (HMO)
NY	G	7	Managed Care (to be used only if one can't distinguish public from private)
NY	G	71	Managed care (public or private) - HMO
NY	G	72	Managed care (public or private) - PPO
NY	G	73	Managed care (public or private) - POS
NY	G	79	Managed care (public or private) - Other
NY	B	6	Blue Cross/Blue Shield
NY	B	61	BC Managed Care
NY	B	611	BC Managed Care (HMO)
NY	B	612	BC Managed Care (PPO)
NY	B	613	BC Managed Care (POS)
NY	B	614	BC Managed Care (Dental)

State	Ambiguous source code type: G - Generic HMO/PPO B - Blue Cross Blue Shield O - Other carrier	PAY#_X payer code value	PAY#_X payer code description
NY	B	619	BC Managed Care (Other)
NY	B	63	BC (Indemnity or Managed Care) - Out of State*
NY	B	64	BC (Indemnity or Managed Care) - Unspecified*
NY	B	69	BC (Indemnity or Managed Care) - Other*
OR	G	51	HMO/Managed Care
OR	B	61	Regence Blue Cross Managed Care
OR	O	511	Kaiser Permanente
SC	G	5	HMO
SD	B	6, 06	Blue Cross (e.g. Blue Cross Alliance Select, Blue Cross Unity Choice)
UT	B	Blue Cross/Blue Sh	Blue Cross/Blue Shield
VT	G	H	HMO
VT	B	B	Blue Cross
WA	G	4	Health Maintenance Organization (HMO) (e.g., Group Health, Kaiser Foundation, Good Health)
WA	O	610	Health Care Service Contractors (e.g., Blue Cross, county medical bureaus, Washington Physicians Service)
WV	B	52	Blue Cross of VA
WV	B	53	Mountain State Blue Cross
WV	B	54	Other Blues
WV	O	41	ACORDIA
WV	O	42	Advantage
WV	O	43	Aetna
WV	O	44	Health Plan of the Upper Ohio Valley
WV	O	45	Prudential
WV	O	51	AARP
WV	O	55	ACCESSWV
WV	O	56	West Virginia Small Business Plan
WV	O	59	Non-Profit NEC (Not Elsewhere Classified)
WV	O	61	CAMCare
WV	O	62	National Association Letter Carriers
WV	O	63	Teamsters
WV	O	64	UMWA
WV	O	14	UMWA Trusts
WV	O	24	WV PEIA
WV	O	69	EMPLOYER/ERISA/UNION NEC (Not Elsewhere Classified)

Source: Agency for Healthcare Research and Quality (AHRQ), Healthcare Cost and Utilization Project (HCUP), State Inpatient Databases (SID), 2018

**Supplement 3. Percentage of Discharges With HCUP Uniform Primary Expected Payer of Private Insurance That Have Ambiguous Source Payer Codes, for Patients of All Ages and Patients Aged 65+ Years, by State, 2011–2018**

State	2011						2012					
	All ages: discharges with private insurance in HCUP uniform payer category, N	All ages: discharges with ambiguous source payer codes, N	All ages: % of private with ambiguous source payer codes	Aged 65+: discharges with private insurance in HCUP uniform payer category, N	Aged 65+: discharges with ambiguous source payer codes, N	Aged 65+: % of private with ambiguous source payer codes	All ages: discharges with private insurance in HCUP uniform payer category, N	All ages: discharges with ambiguous source payer codes, N	All ages: % of private with ambiguous source payer codes	Aged 65+: discharges with private insurance in HCUP uniform payer category, N	Aged 65+: discharges with ambiguous source payer codes, N	Aged 65+: % of private with ambiguous source payer codes
AR	94,013	-	-	10,120	-	-	98,392	-	-	11,176	-	-
AZ	225,771	182,229	80.7	13,967	10,807	77.4	224,035	187,620	83.7	14,622	11,780	80.6
DC												
DE												
GA	295,380	194,552	65.9	18,477	9,708	52.5	288,158	183,227	63.6	18,017	8,845	49.1
IA	116,555	68,999	59.2	7,549	3,165	41.9	111,400	67,612	60.7	6,752	3,066	45.4
KS	108,522	53,359	49.2	6,262	2,010	32.1	108,520	52,880	48.7	6,335	2,048	32.3
KY	168,152	-	-	12,882	-	-	164,577	-	-	15,752	-	-
MA	298,180	249,002	83.5	21,527	16,257	75.5	281,806	234,063	83.1	22,155	16,144	72.9
MD	244,304	173,866	71.2	15,740	10,693	67.9	234,508	165,112	70.4	16,463	11,179	67.9
MI	422,264	362,856	85.9	29,211	24,734	84.7	410,920	348,399	84.8	29,140	24,447	83.9
MO	255,295	75,958	29.8	15,825	2,854	18.0	249,087	74,171	29.8	15,919	2,859	18.0
MS	88,879	-	-	11,793	-	-						
NC	346,667	293,777	84.7	58,281	48,339	82.9	345,822	274,888	79.5	63,267	47,458	75.0
NJ	398,031	353,926	88.9	37,148	30,850	83.0	387,904	343,831	88.6	39,616	32,577	82.2
NV	101,382	86,819	85.6	10,164	5,418	53.3	97,559	84,088	86.2	10,057	5,717	56.8
NY	771,961	-	-	64,243	-	-	751,844	-	-	64,537	-	-
OR	127,187	73,567	57.8	10,042	6,415	63.9	117,180	63,623	54.3	7,394	3,294	44.5
SC	174,048	20,021	11.5	26,238	3,760	14.3	131,694	12,451	9.5	11,148	1,130	10.1
SD	38,058	10,161	26.7	1,893	385	20.3	38,149	10,602	27.8	1,688	387	22.9
UT	135,915	-	-	6,544	-	-	132,588	-	-	4,532	-	-
VT	16,685	10,255	61.5	1,725	599	34.7	17,215	10,956	63.6	2,088	660	31.6
WA	262,856	138,010	52.5	35,773	25,144	70.3	266,850	122,410	45.9	35,640	22,119	62.1
WV	68,662	50,509	73.6	5,053	2,510	49.7	66,337	49,583	74.7	4,196	2,566	61.2

Note: Only states with ambiguous payer expected payer codes have been included.

Source: Agency for Healthcare Research and Quality (AHRQ), Healthcare Cost and Utilization Project (HCUP), State Inpatient Databases (SID), 2011–2018

State	2013						2014					
	All ages: discharges with private insurance in HCUP uniform payer category, N	All ages: discharges with ambiguous source payer codes, N	All ages: % of private with ambiguous source payer codes	Aged 65+: discharges with private insurance in HCUP uniform payer category, N	Aged 65+: discharges with ambiguous source payer codes, N	Aged 65+: % of private with ambiguous source payer codes	All ages: discharges with private insurance in HCUP uniform payer category, N	All ages: discharges with ambiguous source payer codes, N	All ages: % of private with ambiguous source payer codes	Aged 65+: discharges with private insurance in HCUP uniform payer category, N	Aged 65+: discharges with ambiguous source payer codes, N	Aged 65+: % of private with ambiguous source payer codes
AR	102,525	-	-	14,741	-	-	106,098	-	-	13,113	-	-
AZ	212,530	180,444	84.9	15,634	12,921	82.6	207,304	173,154	83.5	15,646	12,649	80.8
DC	57,601	17,052	29.6	3,570	1,238	34.7	56,552	14,671	25.9	3,386	1,009	29.8
DE												
GA	277,501	164,788	59.4	18,524	8,338	45.0	286,956	161,847	56.4	22,343	10,673	47.8
IA	107,076	65,276	61.0	4,830	2,392	49.5	105,582	65,451	62.0	4,510	2,416	53.6
KS	103,325	50,827	49.2	7,323	2,278	31.1	107,181	52,579	49.1	10,160	3,129	30.8
KY	157,088	-	-	16,694	-	-	157,056	-	-	19,582	-	-
MA	270,860	222,337	82.1	22,128	15,882	71.8	261,965	214,037	81.7	22,697	15,811	69.7
MD	220,546	156,882	71.1	16,023	10,865	67.8	209,148	149,022	71.3	14,930	10,152	68.0
MI	393,279	331,720	84.3	28,758	23,253	80.9	377,275	312,806	82.9	25,713	19,442	75.6
MO	242,328	69,046	28.5	18,023	2,562	14.2	235,140	82,652	35.2	15,945	3,298	20.7
MS	67,156	34,862	51.9	7,054	1,729	24.5	76,670	37,628	49.1	7,755	1,725	22.2
NC	355,818	300,916	84.6	74,013	66,120	89.3	383,405	327,281	85.4	92,513	83,962	90.8
NJ	372,353	327,106	87.8	40,234	33,265	82.7	361,643	316,681	87.6	38,115	31,186	81.8
NV	95,473	82,128	86.0	9,830	6,001	61.0	96,686	72,344	74.8	10,711	5,394	50.4
NY	707,979	-	-	59,569	-	-	676,392	-	-	57,493	-	-
OR	108,093	57,483	53.2	6,371	2,739	43.0	109,857	51,590	47.0	7,963	4,317	54.2
SC	125,976	11,760	9.3	9,626	1,265	13.1	132,133	15,035	11.4	9,647	1,646	17.1
SD	38,560	16,215	42.1	2,105	539	25.6	38,973	17,413	44.7	2,000	629	31.5
UT	128,569	-	-	4,466	-	-	132,287	-	-	4,137	-	-
VT	16,472	10,556	64.1	1,731	666	38.5	16,035	10,495	65.5	1,954	740	37.9
WA	248,539	101,130	40.7	29,661	17,702	59.7	238,988	87,721	36.7	26,663	15,375	57.7
WV	63,023	48,473	76.9	4,008	2,638	65.8	60,568	47,729	78.8	4,489	2,681	59.7



State	2015						2016					
	All ages: discharges with private insurance in HCUP uniform payer category, N	All ages: discharges with ambiguous source payer codes, N	All ages: % of private with ambiguous source payer codes	Aged 65+: discharges with private insurance in HCUP uniform payer category, N	Aged 65+: discharges with ambiguous source payer codes, N	Aged 65+: % of private with ambiguous source payer codes	All ages: discharges with private insurance in HCUP uniform payer category, N	All ages: discharges with ambiguous source payer codes, N	All ages: % of private with ambiguous source payer codes	Aged 65+: discharges with private insurance in HCUP uniform payer category, N	Aged 65+: discharges with ambiguous source payer codes, N	Aged 65+: % of private with ambiguous source payer codes
AR	111,117	94,955	85.5	11,091	8,912	80.4	120,835	97,544	80.7	10,987	8,715	79.3
AZ	197,911	157,791	79.7	16,092	13,023	80.9	190,425	150,804	79.2	14,959	12,036	80.5
DC	56,432	14,037	24.9	3,618	1,090	30.1	56,231	13,590	24.2	3,636	1,029	28.3
DE							34,594	29,127	84.2	2,433	1,765	72.5
GA	285,493	157,901	55.3	16,393	8,214	50.1	281,037	156,930	55.8	16,037	8,388	52.3
IA	106,226	68,711	64.7	4,833	2,562	53.0	103,819	66,243	63.8	5,054	2,627	52.0
KS	104,087	52,855	50.8	6,167	1,957	31.7	104,873	55,407	52.8	6,731	2,247	33.4
KY	152,963	70,774	46.3	18,242	3,756	20.6	149,151	78,034	52.3	15,642	3,708	23.7
MA	255,553	206,711	80.9	23,386	16,589	70.9	256,060	203,732	79.6	24,580	17,035	69.3
MD	199,569	140,622	70.5	14,471	9,544	66.0	195,853	138,883	70.9	14,468	9,558	66.1
MI	367,215	302,671	82.4	22,013	15,304	69.5	361,194	299,828	83.0	23,289	14,721	63.2
MO	238,403	80,729	33.9	16,163	3,251	20.1	243,147	76,326	31.4	14,489	3,032	20.9
MS	80,555	40,547	50.3	8,171	1,827	22.4	91,549	40,323	44.0	9,962	1,944	19.5
NC	397,686	326,713	82.2	96,996	89,650	92.4	405,513	325,329	80.2	98,865	91,420	92.5
NJ	348,476	302,432	86.8	36,987	29,796	80.6	345,970	300,785	86.9	38,779	30,974	79.9
NV	98,438	72,706	73.9	12,087	5,492	45.4	97,217	68,031	70.0	13,317	4,939	37.1
NY	655,909	-	-	57,423	-	-	656,975	-	-	62,119	-	-
OR	116,998	49,510	42.3	14,996	10,859	72.4	103,543	39,545	38.2	6,235	2,750	44.1
SC	131,471	17,040	13.0	8,812	1,363	15.5	125,959	18,003	14.3	7,945	712	9.0
SD	38,985	17,013	43.6	1,767	520	29.4	39,596	17,577	44.4	2,163	581	26.9
UT	138,876	27,545	19.8	4,453	886	19.9	141,166	28,621	20.3	4,474	878	19.6
VT	16,394	10,324	63.0	1,926	814	42.3	17,036	10,807	63.4	2,397	860	35.9
WA	240,036	85,988	35.8	26,810	15,794	58.9	241,678	81,019	33.5	25,968	15,491	59.7
WV	59,500	46,660	78.4	4,473	2,751	61.5	57,945	45,070	77.8	4,775	2,907	60.9

State	2017						2018					
	All ages: discharges with private insurance in HCUP uniform payer category, N	All ages: discharges with ambiguous source payer codes, N	All ages: % of private with ambiguous source payer codes	Aged 65+: discharges with private insurance in HCUP uniform payer category, N	Aged 65+: discharges with ambiguous source payer codes, N	Aged 65+: % of private with ambiguous source payer codes	All ages: discharges with private insurance in HCUP uniform payer category, N	All ages: discharges with ambiguous source payer codes, N	All ages: % of private with ambiguous source payer codes	Aged 65+: discharges with private insurance in HCUP uniform payer category, N	Aged 65+: discharges with ambiguous source payer codes, N	Aged 65+: % of private with ambiguous source payer codes
AR	117,158	94,718	80.8	11,276	8,842	78.4	109,684	93,698	85.4	12,022	9,423	78.4
AZ	178,491	147,231	82.5	12,794	10,256	80.2	185,030	150,576	81.4	14,093	11,324	80.4
DC	54,841	12,670	23.1	3,767	1,006	26.7	54,700	12,065	22.1	4,696	1,013	21.6
DE	32,997	26,901	81.5	2,427	1,434	59.1	31,261	24,867	79.5	2,303	1,217	52.8
GA	284,707	164,756	57.9	18,018	9,621	53.4	284,811	159,821	56.1	18,760	9,927	52.9
IA	107,990	69,629	64.5	5,490	2,940	53.6	104,218	67,262	64.5	5,293	2,775	52.4
KS	105,567	54,989	52.1	7,470	2,298	30.8	103,135	51,645	50.1	7,441	2,280	30.6
KY	148,584	80,501	54.2	16,518	3,831	23.2	144,868	77,837	53.7	17,278	3,857	22.3
MA	251,146	199,884	79.6	25,972	17,320	66.7	247,756	195,342	78.8	26,634	17,059	64.0
MD	188,731	136,809	72.5	15,249	10,023	65.7	182,195	131,886	72.4	15,160	10,064	66.4
MI	346,875	283,673	81.8	23,053	13,499	58.6	341,170	271,854	79.7	24,281	13,896	57.2
MO	234,548	81,279	34.7	14,181	3,233	22.8	232,925	75,943	32.6	14,153	3,277	23.2
MS	92,431	40,951	44.3	11,375	2,057	18.1	87,709	42,128	48.0	10,241	2,282	22.3
NC	402,951	320,611	79.6	104,417	96,445	92.4	412,582	324,028	78.5	113,506	104,310	91.9
NJ	328,287	282,417	86.0	42,183	33,052	78.4	317,442	270,461	85.2	41,861	32,482	77.6
NV	101,338	73,251	72.3	15,204	5,739	37.7	104,577	78,646	75.2	13,634	6,401	46.9
NY	658,536	258,912	39.3	54,697	22,287	40.7	643,719	264,093	41.0	53,663	23,045	42.9
OR	100,102	38,176	38.1	5,953	2,476	41.6	97,381	38,213	39.2	5,595	2,195	39.2
SC	128,306	14,836	11.6	7,445	682	9.2	127,159	14,178	11.1	9,502	816	8.6
SD	38,586	17,739	46.0	2,326	724	31.1	38,039	17,617	46.3	2,580	743	28.8
UT	138,811	27,956	20.1	5,021	891	17.7	136,194	26,033	19.1	4,696	855	18.2
VT	16,931	10,842	64.0	2,417	950	39.3	18,418	10,802	58.6	3,628	928	25.6
WA	237,759	82,712	34.8	28,358	17,256	60.9	238,901	83,377	34.9	30,895	18,637	60.3
WV	56,756	41,137	72.5	6,917	2,866	41.4	54,214	40,124	74.0	5,907	3,755	63.6

Supplement 4. Individuals Aged 65 Years and Older as a Percentage of HCUP Inpatient Discharges by Ambiguous Source Payer Code, by State, 2011–2018

State	Discharges with any ambiguous source payer code ("G," "B," & "O"), % aged 65+								Discharges with generic HMO/PPO codes ("G"), % aged 65+								Discharges with BCBS codes ("B"), % aged 65+								Discharges with other carrier codes ("O"), % aged 65+							
	2011	2012	2013	2014	2015	2016	2017	2018	2011	2012	2013	2014	2015	2016	2017	2018	2011	2012	2013	2014	2015	2016	2017	2018	2011	2012	2013	2014	2015	2016	2017	2018
AR					9.4	8.9	9.3	10.1					16.3	16.8	17.4	18.4					5.1	5.0	5.2	5.4								
AZ	5.9	6.3	7.2	7.3	8.3	8.0	7.0	7.5	5.9	6.3	7.2	7.3	8.3	8.0	7.0	7.5																
DC			7.3	6.9	7.8	7.6	7.9	8.4											7.3	6.9	7.8	7.6	7.9	8.4								
DE						6.1	5.3	4.9						9.0	6.2	4.9						4.7	4.9	4.9								
GA	5.0	4.8	5.1	6.6	5.2	5.3	5.8	6.2	5.2	4.8	4.8	4.8	5.0	5.4	6.4	6.9	4.7	4.9	5.4	8.2	5.4	5.3	5.3	5.6								
IA	4.6	4.5	3.7	3.7	3.7	4.0	4.2	4.1									4.6	4.5	3.7	3.7	3.7	4.0	4.2	4.1								
KS	3.8	3.9	4.5	6.0	3.7	4.1	4.2	4.4									3.8	3.9	4.5	6.0	3.7	4.1	4.2	4.4								
KY					5.3	4.8	4.8	5.0													5.4	4.8	4.9	5.0						*	*	*
MA	6.5	6.9	7.1	7.4	8.0	8.4	8.7	8.7	7.0	7.3	7.7	8.1	9.1	9.6	10.2	10.0	6.0	6.5	6.6	6.6	7.0	7.1	7.2	7.6								
MD	6.2	6.8	6.9	6.8	6.8	6.9	7.3	7.6	6.2	6.9	7.2	6.6	6.3	6.4	6.9	7.2	6.1	6.7	6.7	7.0	7.3	7.4	7.8	8.2								
MI	6.8	7.0	7.0	6.2	5.1	4.9	4.8	5.1	9.7	9.9	9.9	11.1	7.2	6.7	5.8	6.9	5.1	5.5	5.5	4.0	4.2	4.2	4.3	4.5								
MO	3.8	3.9	3.7	4.0	4.0	4.0	4.0	4.3									3.8	3.9	3.7	4.0	4.0	4.0	4.0	4.3								
MS			5.0	4.6	4.5	4.8	5.0	5.4											5.0	4.6	4.5	4.8	5.0	5.4								
NC	16.5	17.3	22.0	25.7	27.4	28.1	30.1	32.2	27.8	29.8	38.8	44.9	46.7	46.6	52.0	54.4	5.7	6.1	5.2	5.6	5.4	5.5	5.3	4.5								
NJ	8.7	9.5	10.2	9.8	9.9	10.3	11.7	12.0									7.7	8.2	8.6	7.5	7.2	7.2	8.9	9.4	9.4	10.4	11.4	11.5	11.8	12.6	13.8	14.1
NV	6.2	6.8	7.3	7.5	7.6	7.3	7.8	8.1	6.2	6.8	7.3	7.5	7.6	7.3	7.8	8.1																
NY							8.6	8.7							9.9	6.3							8.4	9.4								
OR	8.7	5.2	4.8	8.4	21.9	7.0	6.5	5.7	10.5	4.3	4.5	4.3	5.9	5.9	6.6	5.4	7.1	6.9	4.9	3.9	5.1	7.9	5.3	5.8	5.7	4.9	5.1	16.3	35.7	7.0	7.1	6.0
SC	18.8	9.1	10.8	10.9	8.0	4.0	4.6	5.8	18.8	9.1	10.8	10.9	8.0	4.0	4.6	5.8																
SD	3.8	3.7	3.3	3.6	3.1	3.3	4.1	4.2									3.8	3.7	3.3	3.6	3.1	3.3	4.1	4.2								
UT					3.2	3.1	3.2	3.3													3.2	3.1	3.2	3.3								
VT	5.8	6.0	6.3	7.1	7.9	8.0	8.8	8.6	6.4	6.3	9.6	12.3	16.6	20.7	21.3	19.9	5.6	5.9	5.3	6.0	6.6	6.4	7.0	6.5								
WA	18.2	18.1	17.5	17.5	18.4	19.1	20.9	22.4	31.7	31.6	27.7	30.3	33.0	35.5	36.5	38.3									9.5	8.8	8.5	7.1	6.7	5.8	6.1	6.2
WV	5.0	5.2	5.4	5.6	5.9	6.4	7.0	9.4									3.9	4.0	4.3	4.3	4.4	4.9	5.0	5.6	6.5	7.1	7.4	8.0	8.5	9.0	10.0	14.9

Abbreviations: BCBS, Blue Cross Blue Shield

Note: Only states with ambiguous payer expected payer codes have been included.

Source: Agency for Healthcare Research and Quality (AHRQ), Healthcare Cost and Utilization Project (HCUP), State Inpatient Databases (SID), 2011–2018

Supplement 5. Total Number of Discharges with Ambiguous Payer Codes and the Percentage of Those Discharges for Patients Aged 65 Years and Older, 2011–2018

State	PAY1_X payer code value	Total # of discharges with PAY1_X value								# of discharges with PAY1_X value among aged 65+								% of discharges with PAY1_X value for aged 65+								
		2011	2012	2013	2014	2015	2016	2017	2018	2011	2012	2013	2014	2015	2016	2017	2018	2011	2012	2013	2014	2015	2016	2017	2018	
AR	6					58,461	64,858	62,779	60,274					2,965	3,221	3,290	3,275					5.1	5.0	5.2	5.4	
AR	7					36,494	32,686	31,939	33,424					5,947	5,494	5,552	6,148					16.3	16.8	17.4	18.4	
AZ	02	118,834	124,062	119,934	122,048	116,189	109,250	96,968	99,123	7,596	8,363	9,374	9,798	10,585	9,232	6,862	7,880	6.4	6.7	7.8	8.0	9.1	8.5	7.1	7.9	
AZ	03	63,395	63,558	60,510	51,106	41,602	41,554	50,263	51,453	3,211	3,417	3,547	2,851	2,438	2,804	3,394	3,444	5.1	5.4	5.9	5.6	5.9	6.7	6.8	6.7	
DC	B			17,052	237	232	259	164	103			1,238	24	34	46	29	21			7.3	10.1	14.7	17.8	17.7	20.4	
DE	3						19,791	17,985	16,335						925	885	796						4.7	4.9	4.9	
DE	6						1,489	940	593						477	144	27						32.0	15.3	4.6	
DE	7						7,847	7,976	7,939						363	405	394						4.6	5.1	5.0	
GA	6	10,134	8,935	7,764	8,889	9,573	11,468	16,526	14,788	493	454	506	1,048	520	550	759	732	4.9	5.1	6.5	11.8	5.4	4.8	4.6	4.9	
GA	61	4,152	3,816	2,453	3,382	3,243	3,039	4,162	7,971	199	180	157	330	130	117	176	398	4.8	4.7	6.4	9.8	4.0	3.8	4.2	5.0	
GA	611	16,383	14,966	12,603	14,479	14,720	15,142	15,156	13,799	602	663	597	730	822	794	770	770	3.7	4.4	4.7	5.0	5.6	5.2	5.1	5.6	
GA	612	36,672	34,717	37,827	40,011	33,345	30,044	29,573	27,914	1,850	1,783	1,984	3,842	1,817	1,722	1,719	1,704	5.0	5.1	5.2	9.6	5.4	5.7	5.8	6.1	
GA	613	1,873	2,759	4,709	10,916	8,283	8,261	10,840	9,231	81	102	254	538	412	430	539	483	4.3	3.7	5.4	4.9	5.0	5.2	5.0	5.2	
GA	619	914	807	410	620	1,263	1,128	860	746	44	67	37	95	111	104	112	115	4.8	8.3	9.0	15.3	8.8	9.2	13.0	15.4	
GA	63	10,598	9,489	7,545	6,515	6,196	5,929	6,266	6,600	498	464	428	350	336	250	345	341	4.7	4.9	5.7	5.4	5.4	4.2	5.5	5.2	
GA	64	491	445	540	560	643	662	839	513	13	15	24	37	27	20	19	*	2.6	3.4	4.4	6.6	4.2	3.0	2.3	*	
GA	69	358	343	306	274	2,376	2,256	679	141	36	25	29	23	126	121	42	13	10.1	7.3	9.5	8.4	5.3	5.4	6.2	9.2	
GA	7	48,516	52,469	46,086	40,576	43,934	44,429	43,635	40,472	950	1,190	967	824	902	978	1,323	1,320	2.0	2.3	2.1	2.0	2.1	2.2	3.0	3.3	
GA	71	37,935	29,835	23,573	15,705	13,881	14,070	14,078	13,056	3,320	2,319	1,993	922	1,764	1,832	2,243	2,557	8.8	7.8	8.5	5.9	12.7	13.0	15.9	19.6	
GA	72	21,307	19,233	16,179	12,924	11,787	10,858	10,927	13,583	1,428	1,368	1,152	1,776	1,062	1,202	1,167	1,112	6.7	7.1	7.1	13.7	9.0	11.1	10.7	8.2	
GA	73	2,130	2,582	2,499	3,581	3,807	3,384	2,916	2,700	53	62	57	47	62	50	20	18	2.5	2.4	2.3	1.3	1.6	1.5	.7	.7	
GA	79	3,089	2,831	2,294	3,415	4,850	6,260	8,299	8,307	141	153	153	111	123	218	387	357	4.6	5.4	6.7	3.3	2.5	3.5	4.7	4.3	
IA	06		34,349	65,276	65,451	68,711	66,243	69,629	67,262			1,432	2,392	2,416	2,562	2,627	2,940			4.2	3.7	3.7	4.0	4.2	4.1	
IA	6	68,999	33,263							3,165	1,634							4.6	4.9							
KS	004	36,451	35,538	38,507	40,034	39,894	41,782	41,430	38,578	1,460	1,407	1,899	2,759	1,521	1,788	1,806	1,756	4.0	4.0	4.9	6.9	3.8	4.3	4.4	4.6	
KS	04	4,133	4,445							209	244							5.1	5.5							
KS	104	12,775	12,897	12,320	12,545	12,961	13,620	13,559	13,067	341	397	379	370	436	459	492	524	2.7	3.1	3.1	2.9	3.4	3.4	3.6	4.0	
KS	4						*																			
KY	98960					68,889	77,076	78,836	77,782					3,749	3,706	3,831	3,856					5.4	4.8	4.9	5.0	
KY	98994					1,885	958	1,665	55					*	*		*					*	*		*	*
MA	6	33,635	32,122	29,155	29,395	27,264	29,512	32,560	30,553	2,212	2,165	2,027	1,940	1,816	2,092	2,446	2,448	6.6	6.7	7.0	6.6	6.7	7.1	7.5	8.0	
MA	8	103,807	98,454	95,017	90,283	88,532	89,460	85,272	78,921	7,062	6,855	7,098	6,951	7,337	7,712	7,663	6,931	6.8	7.0	7.5	7.7	8.3	8.6	9.0	8.8	
MA	C	93,960	85,841	81,152	78,527	77,354	72,559	68,987	71,082	5,500	5,493	5,266	5,233	5,507	5,177	4,826	5,245	5.9	6.4	6.5	6.7	7.1	7.1	7.0	7.4	
MA	E	14,752	15,204	14,810	13,877	11,823	10,482	11,624	13,559	1,243	1,418	1,329	1,526	1,790	1,924	2,245	2,306	8.4	9.3	9.0	11.0	15.1	18.4	19.3	17.0	
MA	J	2,668	2,342	2,081	1,865	1,633	1,614	1,379	1,185	231	205	154	151	137	129	140	128	8.7	8.8	7.4	8.1	8.4	8.0	10.2	10.8	
MA	K	180	100	122	90	105	105	62	42	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MD	04	41,846	37,425	35,065	33,095	31,575	29,522	27,393	25,408	2,299	2,274	2,310	2,241	2,298	2,190	2,046	2,019	5.5	6.1	6.6	6.8	7.3	7.4	7.5	7.9	
MD	12	78,267	76,596	73,588	71,098	69,594	72,527	74,391	73,238	4,856	5,281	5,287	4,682	4,381	4,642	5,153	5,279	6.2	6.9	7.2	6.6	6.3	6.4	6.9	7.2	
MD	16	29,976	27,284	27,259	26,092	23,744	22,260	20,639	19,003	2,195	2,109	1,987	2,034	1,904	1,808	1,819	1,772	7.3	7.7	7.3	7.8	8.0	8.1	8.8	9.3	
MD	17	23,777	23,807	20,970	18,737	15,709	14,574	14,386	14,237	1,343	1,515	1,281	1,195	961	918	1,005	994	5.6	6.4	6.1	6.4	6.1	6.3	7.0	7.0	
MI	06	94,675	97,993	98,917	96,757	96,084	88,678	87,622	90,719	5,645	6,143	6,505	4,518	4,366	3,639	4,015	4,351	6.0	6.3	6.6	4.7	4.5	4.1	4.6	4.8	
MI	09	23,009	16,634	15,430	13,836	14,407	15,656	9,307	9,116	2,949	1,994	1,995	1,981	2,092	2,085	619	538	12.8	12.0	12.9	14.3	14.5	13.3	6.7	5.9	
MI	11	34,477	32,134	33,349	35,742	36,583	40,460	37,598	39,552	2,523	2,635	2,375	1,146	1,329	1,912	1,337	1,375	7.3	8.2	7.1	3.2	3.6	4.7	3.6	3.5	
MI	12	73,241	68,750	61,554	47,290	45,432	47,662	46,230	34,214	3,711	3,261	2,643	2,027	1,799	2,616	2,880	2,553	5.1	4.7	4.3	4.3	4.0	5.5	6.2	7.5	
MI	17	99,199	94,561	85,844	84,069	82,715	86,070	80,177	74,921	3,579	3,477	3,141	3,069	3,285	3,539	3,580	3,585	3.6	3.7	3.7	3.7	4.0	4.1	4.5	4.8	
MI	18	38,255	38,327	36,626	35,112	27,450	21,302	22,739	23,332	6,327	6,937	6,594	6,701	2,433	930	1,068	1,494	16.5	18.1	18.0	19.1	8.9	4.4	4.7	6.4	
MO	04	75,958	74,171	69,046	82,652	80,729	76,326	81,279	75,943	2,854	2,859	2,562	3,298	3,251	3,032	3,233	3,277	3.8	3.9	3.7	4.0	4.0	4.0	4.0	4.3	
MS	98960			34,862	37,628	40,547	40,323	40,951	42,128			1,729	1,725	1,827	1,944	2,057	2,282			5.0	4.6	4.5	4.8	5.0	5.4	
NC	12	41,129	35,812	33,329	37,132	36,892	34,247	27,109	23,076	4,459	3,193	2,656	1,747	1,632	1,448	1,697	1,026	10.8	8.9	8.0	4.7	4.4	4.2	6.3	4.4	

State	PAY1_X payer code value	Total # of discharges with PAY1_X value								# of discharges with PAY1_X value among aged 65+								% of discharges with PAY1_X value for aged 65+							
		2011	2012	2013	2014	2015	2016	2017	2018	2011	2012	2013	2014	2015	2016	2017	2018	2011	2012	2013	2014	2015	2016	2017	2018
NC	13	8,440	8,993	7,730	2,488	322	149	150	187	306	270	233	86	23	16	17	19	3.6	3.0	3.0	3.5	7.1	10.7	11.3	10.2
NC	14	48	26	19	18	*	*	*	*	*	*	*	*					*	*	*	*				
NC	16	39,775	40,847	66,950	79,351	77,295	94,299	99,321	116,887	32,035	32,938	53,093	63,619	61,817	75,686	80,171	94,036	80.5	80.6	79.3	80.2	80.0	80.3	80.7	80.5
NC	BL	151,097	145,148	150,944	160,052	152,448	146,399	150,304	144,286	8,624	8,835	7,858	8,953	8,274	8,082	7,953	6,530	5.7	6.1	5.2	5.6	5.4	5.5	5.3	4.5
NC	HM	53,288	44,062	41,944	48,240	59,754	50,234	43,723	39,591	2,910	2,221	2,276	9,554	17,904	6,188	6,607	2,699	5.5	5.0	5.4	19.8	30.0	12.3	15.1	6.8
NJ	010	61	45	41	51		214	342	380	53	45	40	51		*	15	*	86.9	100.0	97.6	100.0		*	4.4	*
NJ	022	4,241	4,106	3,994	3,937	3,547	3,406	3,327	2,804	359	327	333	342	329	305	331	348	8.5	8.0	8.3	8.7	9.3	9.0	9.9	12.4
NJ	026	5,478	5,733	5,943	6,546	6,895	6,606	8,868	7,826	263	359	377	464	434	406	681	636	4.8	6.3	6.3	7.1	6.3	6.1	7.7	8.1
NJ	029	10,266	10,707	11,520	12,344	12,197	12,997	11,122	9,359	593	581	643	699	781	790	736	615	5.8	5.4	5.6	5.7	6.4	6.1	6.6	6.6
NJ	040				*			*	*																
NJ	050	*	*			*	16	30	20																
NJ	060								*																
NJ	070	70	18		*																				
NJ	080	*	*	*	11	*		*	*	*		*	*	*				*		*	*	*			
NJ	090								*								*								*
NJ	101	*				*	*	*	*					*			*					*			*
NJ	110			*			*	17	*			*			*	11	*			*		*		64.7	*
NJ	121						*	*	*								*								*
NJ	130							11	*								*							*	
NJ	140							15	62								*							*	22.6
NJ	150								49																*
NJ	160								61																*
NJ	170					530	640	555	370					109	136	75	50					20.6	21.3	13.5	13.5
NJ	180				163	450	385	28						*	*							*	*		
NJ	190	*		*	*	*	*	*	*					*								*			
NJ	200	*	*	*	*	*	*	26	84							23	58							88.5	69.0
NJ	210	20	28	13	15	21	26	19	*			*	*	*	*	*					*	*	*	*	*
NJ	220							*																	
NJ	240								*																
NJ	250				*																				
NJ	270				11	12	15	16	12				*	*		*	*				*	*		*	*
NJ	280	111,321	107,606	106,957	98,674	93,062	91,429	86,908	90,073	9,231	9,492	9,931	7,849	6,931	6,876	8,402	9,094	8.3	8.8	9.3	8.0	7.4	7.5	9.7	10.1
NJ	281	1,174	907	339	123	72	46	53	36	108	86	38	20	*	*	*	*	9.2	9.5	11.2	16.3	*	*	*	*
NJ	290	462	489	509	552	558	627	545	425	14	15	22	29	25	45	32	32	3.0	3.1	4.3	5.3	4.5	7.2	5.9	7.5
NJ	301			*		*		*	90			*		*						*		*			
NJ	303	10,671	7,746	5,945	5,976	6,090	6,042	5,005	4,965	517	355	325	330	396	328	299	291	4.8	4.6	5.5	5.5	6.5	5.4	6.0	5.9
NJ	305	19	14	16	15					*	*	*	*					*	*	*	*				
NJ	306			*																					
NJ	310	24	21	25	14					*	*	*	*					*	*	*	*				
NJ	332			*			*	*	*							*								*	
NJ	361	22	26	28	15	25	22	21	21	*			*		*			*			*	*		*	
NJ	362	3,550	3,543	4,012	4,303	4,467	4,299	4,039	3,737	197	267	233	204	224	217	197	199	5.5	7.5	5.8	4.7	5.0	5.0	4.9	5.3
NJ	363	19						*	*	*								*							
NJ	364	22																							
NJ	370			*	*	*	*	*	*			*	*	*						*	*	*			
NJ	380			*				*	*																
NJ	410	*		*																					
NV	21	30,732	30,531	28,538	26,409	27,413	25,615	28,471	31,410	2,102	2,075	2,025	2,034	2,035	1,862	2,260	2,315	6.8	6.8	7.1	7.7	7.4	7.3	7.9	7.4
NV	22	56,087	53,557	53,590	45,935	45,293	42,416	44,780	47,236	3,316	3,642	3,976	3,360	3,457	3,077	3,479	4,086	5.9	6.8	7.4	7.3	7.6	7.3	7.8	8.7
NY	6							54,787	79,755							6,255	8,919							11.4	11.2

State	PAY1_X payer code value	Total # of discharges with PAY1_X value								# of discharges with PAY1_X value among aged 65+								% of discharges with PAY1_X value for aged 65+								
		2011	2012	2013	2014	2015	2016	2017	2018	2011	2012	2013	2014	2015	2016	2017	2018	2011	2012	2013	2014	2015	2016	2017	2018	
NY	61							20,979	21,249							1,455	1,555							6.9	7.3	
NY	611							18,399	17,976							1,622	1,624							8.8	9.0	
NY	612							86,576	72,905							5,974	5,536							6.9	7.6	
NY	613							4,492	4,759							379	379							8.4	8.0	
NY	619							6,072	12,077							565	1,542							9.3	12.8	
NY	63							18,596	*							1,264								6.8		
NY	64							12,497								1,316								10.5		
NY	69							4,098	*							262								6.4		
NY	7							13,811	32,991							1,869	2,450							13.5	7.4	
NY	71							9,380	13,830							698	434							7.4	3.1	
NY	72							3,491	3,285							268	266							7.7	8.1	
NY	73							1,885	1,733							128	148							6.8	8.5	
NY	79							3,849	3,530							232	192							6.0	5.4	
OR	51	40,270	29,858	24,366	18,464	11,800	11,868	10,718	10,113	4,244	1,283	1,089	792	691	701	708	544	10.5	4.3	4.5	4.3	5.9	5.9	6.6	5.4	
OR	511	13,469	15,726	15,326	18,022	26,936	16,393	16,718	16,413	762	763	784	2,929	9,621	1,152	1,194	978	5.7	4.9	5.1	16.3	35.7	7.0	7.1	6.0	
OR	61	19,828	18,039	17,791	15,104	10,774	11,284	10,740	11,687	1,409	1,248	866	596	547	897	574	673	7.1	6.9	4.9	3.9	5.1	7.9	5.3	5.8	
PA	39	4,320	4,270	4,480	4,564	4,115	3,837	4,417	8,353	427	446	486	344	356	318	533	967	9.9	10.4	10.8	7.5	8.7	8.3	12.1	11.6	
SC	5	20,021	12,451	11,760	15,035	17,040	18,003	14,836	14,178	3,760	1,130	1,265	1,646	1,363	712	682	816	18.8	9.1	10.8	10.9	8.0	4.0	4.6	5.8	
SD	06				17,413	17,013	17,577	17,739	17,617				629	520	581	724	743					3.6	3.1	3.3	4.1	4.2
SD	6	10,161	10,602	16,215						385	387	539						3.8	3.7	3.3						
UT	Blue Cross/Blue					27,545	28,621	27,956	26,033					886	878	891	855						3.2	3.1	3.2	3.3
VT	B	7,066	7,717	8,081	8,806	8,985	9,601	9,493	9,121	396	455	428	532	592	610	662	593	5.6	5.9	5.3	6.0	6.6	6.4	7.0	6.5	
VT	H	3,189	3,239	2,475	1,689	1,339	1,206	1,349	1,681	203	205	238	208	222	250	288	335	6.4	6.3	9.6	12.3	16.6	20.7	21.3	19.9	
WA	004	54,086	49,769	47,295	39,439	38,183	36,423	40,237	41,978	17,166	15,713	13,107	11,935	12,602	12,913	14,668	16,080	31.7	31.6	27.7	30.3	33.0	35.5	36.5	38.3	
WA	610	83,924	72,641	53,835	48,282	47,805	44,596	42,475	41,399	7,978	6,406	4,595	3,440	3,192	2,578	2,588	2,557	9.5	8.8	8.5	7.1	6.7	5.8	6.1	6.2	
WV	14	228	214	197	177	151	178	306	228	20	*	*	*	*	*	15	81	8.8	*	*	*	*	*	4.9	35.5	
WV	24	12,489	11,917	11,853	11,590	11,370	10,517	10,015	9,226	767	794	766	762	762	754	809	847	6.1	6.7	6.5	6.6	6.7	7.2	8.1	9.2	
WV	41	445	387	310	299	287	259	231	179	31	155	162	166	169	128	154	121	7.0	40.1	52.3	55.5	58.9	49.4	66.7	67.6	
WV	42	302	231	131	114	101	71	156	160	16	13	13	25	35	23	28	20	5.3	5.6	9.9	21.9	34.7	32.4	17.9	12.5	
WV	43	2,764	2,560	2,182	2,030	2,301	2,421	2,099	1,925	108	70	82	54	77	115	88	88	3.9	2.7	3.8	2.7	3.3	4.8	4.2	4.6	
WV	44	2,811	2,366	1,712	1,787	1,694	1,949	1,926	3,491	266	188	136	204	194	225	332	1,141	9.5	7.9	7.9	11.4	11.5	11.5	17.2	32.7	
WV	45		*	*	*	23	65	67	46		*	*	*	*	*	*	*		*	*	*	*	*	*	*	*
WV	51	25	19	12	*	19	20	20	40	*	*	*		*	*	*	13	*	*	*		*	*	*	32.5	
WV	52	348	1,159	39	41	98	190	198	135	*	43	*	*	*	*	*	*	*	3.7	*	*	*	*	*	*	
WV	53	22,724	22,724	23,344	23,467	22,839	22,090	20,159	20,872	893	915	1,008	1,022	1,036	1,140	1,065	1,192	3.9	4.0	4.3	4.4	4.5	5.2	5.3	5.7	
WV	54	6,709	6,394	7,199	6,892	6,647	6,139	4,786	2,813	256	240	311	279	266	260	193	128	3.8	3.8	4.3	4.0	4.0	4.2	4.0	4.6	
WV	55				*				*																	
WV	56	*	*	*	*	*	*																			
WV	59	150	121	125	145	200	220	150	80	93	72	86	94	148	179	123	59	62.0	59.5	68.8	64.8	74.0	81.4	82.0	73.8	
WV	61	388	361	261	179	81	*	*	*	*	*	13	11	*	*	*	*	*	*	5.0	6.1	*	*	*	*	
WV	62	30	39	43	30	30	42	22	15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
WV	63	*	*		*		*	*	*							*	*							*	*	
WV	64	138	102	111	81	91	86	163	146	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
WV	69	951	981	943	877	727	813	833	755	40	48	45	53	41	46	43	50	4.2	4.9	4.8	6.0	5.6	5.7	5.2	6.6	

Source: Agency for Healthcare Research and Quality (AHRQ), Healthcare Cost and Utilization Project (HCUP), State Inpatient Databases (SID), 2011–2018

**Supplement 6. Primary Expected Payer as a Percentage of HCUP Inpatient Discharges Among Individuals Aged 65 Years and Older, Before and After Shifting All Ambiguous Source Payer Codes from Private Insurance to Medicare, by State, 2018**

State	Discharges with any ambiguous code (G, B, or O) among aged 65+ years by primary expected payer, %				Discharges with generic HMO/PPO codes (G) among aged 65+ years by primary expected payer, %				Discharges with BCBS codes (B) among aged 65+ years by primary expected payer, %				Discharges with other carrier codes (O) among aged 65+ years by primary expected payer, %			
	Ambiguous codes assigned to private (current)		Ambiguous codes assigned to Medicare (alternative)		Ambiguous codes assigned to private (current)		Ambiguous codes assigned to Medicare (alternative)		Ambiguous codes assigned to private (current)		Ambiguous codes assigned to Medicare (alternative)		Ambiguous codes assigned to private (current)		Ambiguous codes assigned to Medicare (alternative)	
	Private	Medicare	Private	Medicare	Private	Medicare	Private	Medicare	Private	Medicare	Private	Medicare	Private	Medicare	Private	Medicare
AR	8.0	85.5	1.7	91.8	8.0	85.5	3.9	89.6	8.0	85.5	5.9	87.6				
AZ	5.2	91.2	1.0	95.4	5.2	91.2	1.0	95.4								
DC	14.1	82.5	11.1	85.5					14.1	82.5	11.1	85.5				
DE	5.3	92.8	2.5	95.6	5.3	92.8	4.3	93.7	5.3	92.8	3.5	94.6				
GA	5.0	90.6	2.4	93.3	5.0	90.6	3.6	92.0	5.0	90.6	3.8	91.8				
IA	4.1	94.9	1.9	97.1					4.1	94.9	1.9	97.1				
KS	5.9	91.3	4.1	93.1					5.9	91.3	4.1	93.1				
KY	7.9	89.4	6.1	91.2					7.9	89.4	6.1	91.2	7.9	89.4	7.9	89.4
MA	8.1	89.0	2.9	94.2	8.1	89.0	5.2	91.8	8.1	89.0	5.7	91.3				
MD	7.0	90.2	2.4	94.9					7.0	90.2	4.8	92.5	7.0	90.2	7.0	90.2
MI	5.0	93.0	2.1	95.8	5.0	93.0	4.0	93.9	5.0	93.0	3.1	94.9				
MO	4.6	91.9	3.5	93.0					4.6	91.9	3.5	93.0				
MS	7.2	90.6	5.6	92.2					7.2	90.6	5.6	92.2				
NC	27.8	69.7	2.3	95.2	27.8	69.7	3.9	93.6	27.8	69.7	26.2	71.3				
NJ	11.5	85.0	2.6	94.0					11.5	85.0	8.4	88.2	11.5	85.0	5.7	90.8
NV	11.0	84.0	5.8	89.1	11.0	84.0	5.8	89.1								
NY	6.5	89.1	3.8	91.8	6.5	89.1	6.1	89.5	6.5	89.1	4.2	91.4				
OR	3.8	91.3	2.3	92.8	3.8	91.3	3.5	91.7	3.8	91.3	3.4	91.8	3.8	91.3	3.2	92.0
SC	4.7	92.7	4.3	93.1	4.7	92.7	4.3	93.1								
SD	6.4	90.8	4.5	92.6					6.4	90.8	4.5	92.6				
UT	7.0	90.1	5.7	91.4					7.0	90.1	5.7	91.4				
VT	15.5	82.9	11.5	86.9	15.5	82.9	14.1	84.4	15.5	82.9	13.0	85.5				
WA	13.1	83.8	5.2	91.7	13.1	83.8	6.3	90.6					13.1	83.8	12.1	84.9
WV	5.4	90.5	2.0	93.9					5.4	90.5	4.2	91.7	5.4	90.5	3.2	92.7

Abbreviations: BCBS, Blue Cross Blue Shield

Note: Only states with ambiguous payer expected payer codes have been included.

Source: Agency for Healthcare Research and Quality (AHRQ), Healthcare Cost and Utilization Project (HCUP), State Inpatient Databases (SID), 2018