

**SFY 2023 Labor Factor Development: 2019 vs. 2020 Final Cost Report Direct Care Wage per Hour**

Labor Region	2019 Final A Cost Reports				2020 Final A Cost Reports				Change in DC Wage/Hr	Rescaled Industry Index		
	Fac. Count	DC Hrs	DC Wages	DC Wage/Hr	Fac. Count	DC Hrs	DC Wages	DC Wage/Hr		2019	2020	% Chg
Rural	98	6,998,236	\$ 143,081,471	\$ 20.45	99	6,975,817	\$ 152,111,569	\$ 21.81	\$ 1.36	0.954	0.960	0.6%
Minneapolis	14	795,543	\$ 17,256,843	\$ 21.69	13	777,228	\$ 17,581,908	\$ 22.62	\$ 0.93	1.012	0.996	-1.6%
Duluth/Superior	4	436,831	\$ 9,682,509	\$ 22.17	4	399,670	\$ 9,707,866	\$ 24.29	\$ 2.12	1.034	1.069	3.4%
Eau Claire	10	843,373	\$ 17,687,783	\$ 20.97	10	796,062	\$ 17,579,788	\$ 22.08	\$ 1.11	0.979	0.972	-0.7%
La Crosse	5	597,659	\$ 13,895,575	\$ 23.25	5	623,536	\$ 15,397,783	\$ 24.69	\$ 1.44	1.085	1.087	0.2%
Wausau	8	626,755	\$ 14,114,791	\$ 22.52	8	574,504	\$ 13,968,746	\$ 24.31	\$ 1.79	1.051	1.070	1.8%
Madison	36	3,382,860	\$ 76,370,575	\$ 22.58	35	3,498,916	\$ 75,582,333	\$ 21.60	\$ (0.97)	1.053	0.951	-9.7%
Janesville	8	661,754	\$ 13,932,915	\$ 21.05	7	569,639	\$ 13,057,320	\$ 22.92	\$ 1.87	0.982	1.009	2.7%
Racine	5	805,139	\$ 15,472,792	\$ 19.22	5	748,339	\$ 15,029,074	\$ 20.08	\$ 0.87	0.897	0.884	-1.4%
Kenosha	7	645,207	\$ 14,583,968	\$ 22.60	7	590,811	\$ 15,445,538	\$ 26.14	\$ 3.54	1.055	1.151	9.1%
Green Bay	12	1,079,080	\$ 22,336,043	\$ 20.70	11	1,040,535	\$ 23,379,218	\$ 22.47	\$ 1.77	0.966	0.989	2.4%
Sheboygan	8	496,259	\$ 10,918,841	\$ 22.00	8	447,188	\$ 10,557,487	\$ 23.61	\$ 1.61	1.027	1.039	1.2%
Milwaukee	47	6,099,430	\$ 133,519,468	\$ 21.89	48	5,692,927	\$ 138,045,858	\$ 24.25	\$ 2.36	1.021	1.067	4.5%
Appleton	8	759,592	\$ 16,370,592	\$ 21.55	9	715,931	\$ 16,834,146	\$ 23.51	\$ 1.96	1.006	1.035	2.9%
Oshkosh	6	578,348	\$ 12,621,153	\$ 21.82	6	555,455	\$ 12,375,485	\$ 22.28	\$ 0.46	1.018	0.981	-3.6%
Fond Du Lac	6	507,886	\$ 11,163,487	\$ 21.98	6	506,824	\$ 11,497,767	\$ 22.69	\$ 0.71	1.026	0.999	-2.6%
Statewide (w/o local gov't NHs)	282	25,313,952	\$ 543,008,806	\$ 21.45	281	24,513,382	\$ 558,151,886	\$ 22.77	\$ 1.32			
Local Gov't NHs	36	6,045,941	\$ 134,349,861	\$ 22.22	41	6,185,684	\$ 141,776,410	\$ 22.92	\$ 0.70			
Statewide	318	31,359,893	\$ 677,358,667	\$ 21.60	322	30,699,066	\$ 699,928,296	\$ 22.80	\$ 1.20			

**SFY 2023 WI Medicaid Nursing Home Final Labor Factors**

Labor Region	Modeled T19 PDs		Unadj PPS Index		Adj. to Rural WI Base		Rescaled PPS Index			Preliminary WI Labor Factors*		
	SFY22 PDs	SFY23 PDs	FFY22	FFY23	FFY22	FFY23	FFY22	FFY23	% Chg	FFY22	FFY23	% Chg
Rural Wisconsin	32.5%	33.2%	0.8985	0.8612	0.8985	0.8612	0.916	0.892	-2.6%	0.954	0.960	0.6%
Minneapolis	3.6%	3.4%	1.0959	1.0760	1.1470	1.1262	1.169	1.166	-0.3%	1.169	1.166	-0.3%
Duluth/Superior	1.5%	1.6%	0.9748	0.9768	1.0203	1.0224	1.040	1.058	1.7%	1.040	1.058	1.7%
Eau Claire	2.2%	2.0%	1.0486	0.9579	1.0975	1.0026	1.119	1.038	-7.2%	0.979	0.972	-0.7%
La Crosse	1.9%	2.0%	0.9411	0.9447	0.9850	0.9888	1.004	1.024	2.0%	1.085	1.087	0.2%
Wausau	4.5%	4.7%	0.8919	0.8438	0.9335	0.8832	0.952	0.914	-4.0%	1.051	1.070	1.8%
Madison	14.7%	13.8%	1.0294	1.0590	1.0774	1.1084	1.099	1.147	4.4%	1.053	0.951	-9.7%
Janesville	2.9%	3.1%	0.9039	0.9085	0.9461	0.9509	0.965	0.984	2.0%	0.982	1.009	2.7%
Racine	2.1%	2.3%	0.9510	0.8817	0.9954	0.9229	1.015	0.955	-5.9%	0.897	0.884	-1.4%
Kenosha	3.5%	3.7%	1.0047	0.9833	1.0516	1.0292	1.072	1.065	-0.7%	1.055	1.151	9.1%
Green Bay	4.8%	4.4%	0.9276	0.9391	0.9709	0.9829	0.990	1.018	2.8%	0.966	0.989	2.4%
Sheboygan	2.7%	2.8%	0.9394	0.9590	0.9832	1.0038	1.002	1.039	3.7%	1.027	1.039	1.2%
Milwaukee	14.9%	15.2%	0.9697	0.9701	1.0149	1.0154	1.035	1.051	1.5%	1.021	1.067	4.5%
Appleton	3.7%	3.0%	0.9441	0.9619	0.9881	1.0068	1.007	1.042	3.5%	1.006	1.035	2.9%
Oshkosh	2.8%	3.0%	0.9473	0.9297	0.9915	0.9731	1.011	1.007	-0.4%	1.018	0.981	-3.6%
Fond Du Lac	1.6%	1.7%	0.8386	0.9110	0.8777	0.9535	0.895	0.987	10.3%	1.026	0.999	-2.6%
Total	100.0%	100.0%			0.9808	0.9660	1.000	1.000	0.0%	1.006	1.006	0.0%

\$	113.91	<--PPS Urban Wisconsin Base
\$	108.83	<--PPS Rural Wisconsin Base

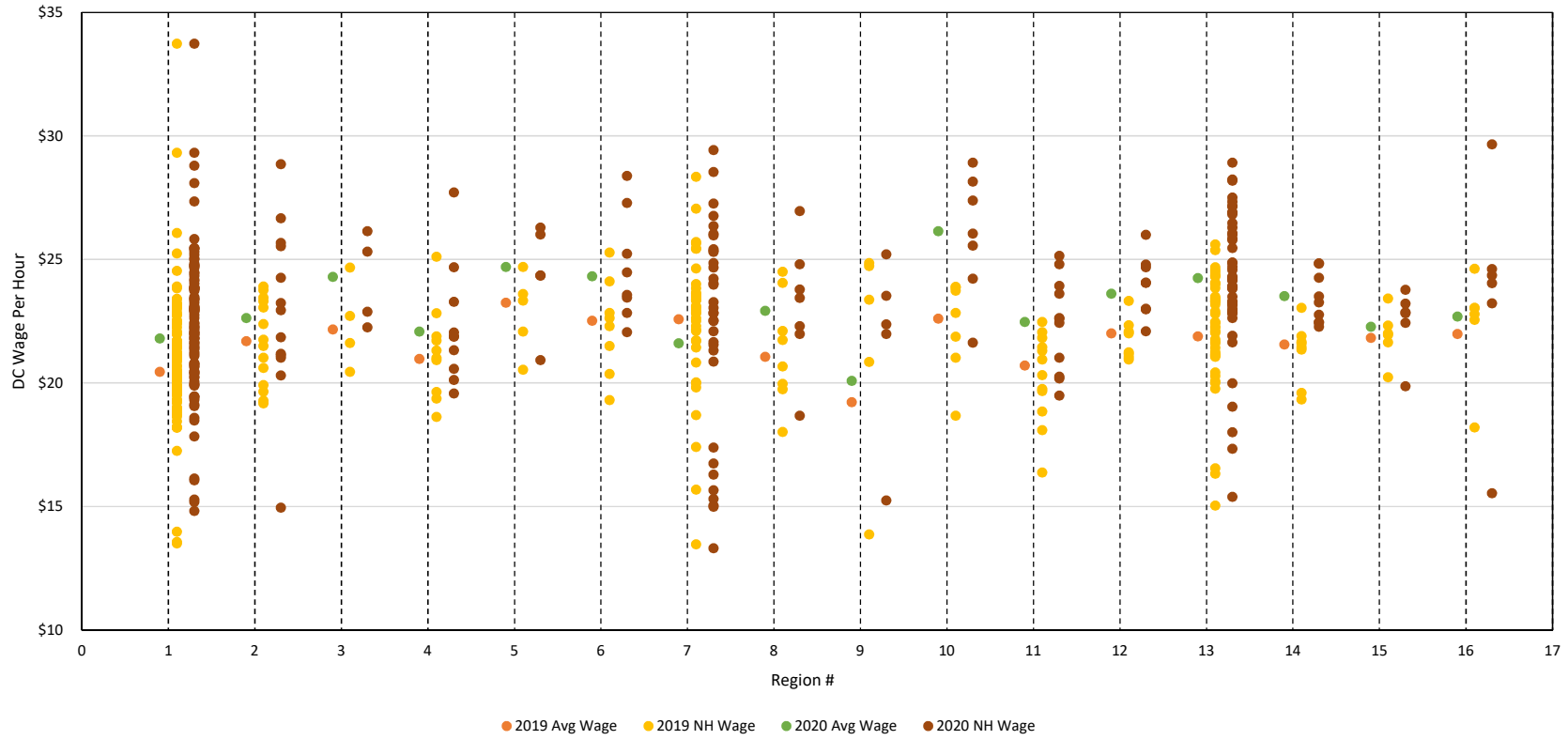
\*Sauk County moved to the Madison LR beginning SFY07, Rock County in SFY09, and Dodge and Richland in SFY14. Dunn moved to Minneapolis LR beginning SFY14. Green County (rural) moved to the Madison LR at 50% beginning SFY15 and 100% in SFY16.  
 \*\* Lincoln County to move to Wausau LR in SFY21

**SFY 2023 Final Labor Factors**

Final SFY20	Final SFY21	Final SFY22	Prelim SFY23	Adjusted SFY 23	% Chg
0.953	0.955	0.954	0.960	0.956	0.2%
1.194	1.185	1.183	1.166	1.178	-0.4%
1.060	1.051	1.050	1.058	1.053	0.3%
0.976	0.969	0.975	0.972	0.972	-0.3%
1.042	1.050	1.059	1.087	1.065	0.6%
1.020	1.033	1.035	1.070	1.046	1.1%
1.077	1.057	1.062	0.951	1.023	-3.7%
1.077	1.057	1.062	0.951	1.023	-3.7%
0.995	0.962	0.951	0.884	0.932	-2.0%
1.003	1.028	1.029	1.151	1.069	3.9%
0.947	0.952	0.955	0.989	0.965	1.1%
1.030	1.033	1.030	1.039	1.034	0.4%
1.062	1.053	1.045	1.067	1.055	0.9%
0.993	1.001	1.000	1.035	1.012	1.2%
1.006	1.009	1.011	0.981	1.000	-1.1%
0.979	0.985	0.997	0.999	0.994	-0.3%

\* Adjusted Final values based upon a three-year moving average.

**2019 vs 2020 Final Cost Report Direct Care Wage per Hour  
(Excluding local gov't facilities)**



Labor Factor Region	
Region 1 – Rural	Region 9 – Racine
Region 2 – Minneapolis	Region 10 – Kenosha
Region 3 – Duluth/Superior	Region 11 – Green Bay
Region 4 – Eau Claire	Region 12 – Sheboygan
Region 5 – La Crosse	Region 13 – Milwaukee
Region 6 – Wausau	Region 14 – Appleton
Region 7 – Madison	Region 15 – Oshkosh
Region 8 – Janesville	Region 16 – Fond Du Lac



**Wisconsin Department of Health Services  
Inflation**

Inflation Information (historical method):

<u>Rate Year</u>	<u>SFY22</u>	<u>7/1/21-6/30/22</u>		
<u>CR Yr</u>	<u>2019</u>			
<u>Imputed CR Yr</u>	<u>2019</u>			
<u>Global Insight ID</u>	<u>2021Q1</u>			
<u>Cost Center</u>	<u>Calendar Year Quarters for C.R. End</u>			
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
DC-Wages	1.14	1.129	1.117	1.106
DC-Fringes	1.129	1.121	1.116	1.103
DC-Supply	1.061	1.056	1.052	1.046
DC-P.Serv.	1.087	1.08	1.073	1.066
Supp Serv	1.108	1.1	1.092	1.084

<u>Rate Year</u>	<u>SFY23</u>	<u>7/1/22-6/30/23</u>		
<u>CR Yr</u>	<u>2020</u>			
<u>Global Insight ID</u>	<u>2022Q1</u>			
<u>Cost Center</u>	<u>Calendar Year Quarters for C.R. End</u>			
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
DC-Wages	1.190	1.158	1.147	1.135
DC-Fringes	1.119	1.041	1.050	1.045
DC-Supply	1.110	1.116	1.104	1.101
DC-P.Serv.	1.097	1.098	1.089	1.087
Supp Serv	1.149	1.129	1.117	1.110

<u>Rate Year</u>	<u>SFY23</u>	<u>7/1/22-6/30/23</u>		
<u>CR Yr</u>	<u>2021</u>			
<u>Global Insight ID</u>	<u>2022Q1</u>			
<u>Cost Center</u>	<u>Calendar Year Quarters for C.R. End</u>			
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
DC-Wages	1.125	1.116	1.076	1.046
DC-Fringes	1.025	1.024	1.024	1.021
DC-Supply	1.089	1.064	1.048	1.032
DC-P.Serv.	1.081	1.067	1.056	1.047
Supp Serv	1.096	1.082	1.054	1.033

**Inflation Information MSLC simple method):**

**Calendar Year Quarters for C.R. End**

1	2	3	4
1.1328	1.1284	1.1187	1.1123

**2022 First Quarter Healthcare Cost Review**

**Table 6.7 CMS Nursing Home Without Capital Market Basket (FFY)**

	Begin	End	Mid	Quarter	
Cost Reports:	1/1/2020	12/31/2020	6/30/2020	2020:2	1.051
Rates:	7/1/2022	6/30/2023	12/31/2022	2022:4	1.169
Inflation:					1.1123

**2022 First Quarter Healthcare Cost Review**

**Table 6.7 CMS Nursing Home Without Capital Market Basket (FFY)**

	Begin	End	Mid	Quarter	
Cost Reports:	4/1/2019	3/31/2020	9/30/2019	2019:3	1.032
Rates:	7/1/2022	6/30/2023	12/31/2022	2022:4	1.169
Inflation:					1.1328

**2022 First Quarter Healthcare Cost Review**

**Table 6.7 CMS Nursing Home Without Capital Market Basket (FFY)**

	Begin	End	Mid	Quarter	
Cost Reports:	7/1/2019	6/30/2020	12/31/2019	2019:4	1.036
Rates:	7/1/2022	6/30/2023	12/31/2022	2022:4	1.169
Inflation:					1.1284

**2022 First Quarter Healthcare Cost Review**

**Table 6.7 CMS Nursing Home Without Capital Market Basket (FFY)**

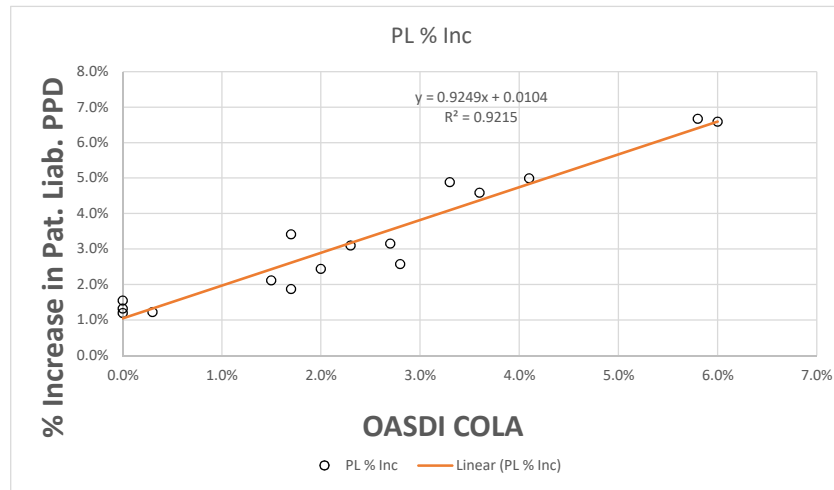
	Begin	End	Mid	Quarter	
Cost Reports:	10/1/2019	9/30/2020	3/31/2020	2020:1	1.045
Rates:	7/1/2022	6/30/2023	12/31/2022	2022:4	1.169
Inflation:					1.1187



**Wisconsin Department of Health Services  
Medicaid FFS Nursing Home Non-DD In-House Patient Liability History**

CY	PDs	Census	Paid	Paid PPD	Pat Liab	PL PPD	Total PPD	PL PPM	Inc. PL PPM	% Inc.	COLA*	PL%
2004	8,188,381	22,373	\$ 823,307,575	\$ 100.55	\$ 200,581,440	\$ 24.50	\$ 125.04	\$ 747.12				19.6%
2005	7,912,599	21,678	\$ 802,885,169	\$ 101.47	\$ 200,484,314	\$ 25.34	\$ 126.81	\$ 770.68	\$ 23.55	3.2%	2.7%	20.0%
2006	7,649,363	20,957	\$ 780,357,119	\$ 102.02	\$ 203,499,483	\$ 26.60	\$ 128.62	\$ 809.19	\$ 38.51	5.0%	4.1%	20.7%
2007	7,270,090	19,918	\$ 753,115,272	\$ 103.59	\$ 202,857,270	\$ 27.90	\$ 131.49	\$ 848.72	\$ 39.53	4.9%	3.3%	21.2%
2008	6,954,760	19,002	\$ 752,099,999	\$ 108.14	\$ 199,518,777	\$ 28.69	\$ 136.83	\$ 874.99	\$ 26.27	3.1%	2.3%	21.0%
2009	6,685,233	18,316	\$ 765,947,444	\$ 114.57	\$ 205,136,689	\$ 30.69	\$ 145.26	\$ 933.34	\$ 58.35	6.7%	5.8%	21.1%
2010	6,351,327	17,401	\$ 762,688,776	\$ 120.08	\$ 195,338,748	\$ 30.76	\$ 150.84	\$ 935.48	\$ 2.15	0.2%	0.0%	20.4%
2011	5,814,551	15,930	\$ 699,371,154	\$ 120.28	\$ 176,392,603	\$ 30.34	\$ 150.62	\$ 922.73	\$ (12.75)	-1.4%	0.0%	20.1%
2012	5,637,255	15,402	\$ 689,954,268	\$ 122.39	\$ 178,376,489	\$ 31.64	\$ 154.03	\$ 965.09	\$ 42.36	4.6%	3.6%	20.5%
2013	5,269,199	14,436	\$ 659,590,470	\$ 125.18	\$ 170,320,347	\$ 32.32	\$ 157.50	\$ 983.18	\$ 18.09	1.9%	1.7%	20.5%
2014	5,049,850	13,835	\$ 642,900,559	\$ 127.31	\$ 166,683,901	\$ 33.01	\$ 160.32	\$ 1,003.98	\$ 20.80	2.1%	1.5%	20.6%
2015	4,692,526	12,856	\$ 603,797,279	\$ 128.67	\$ 160,176,351	\$ 34.13	\$ 162.81	\$ 1,038.25	\$ 34.27	3.4%	1.7%	21.0%
2016	4,462,276	12,192	\$ 578,685,783	\$ 129.68	\$ 153,900,857	\$ 34.49	\$ 164.17	\$ 1,051.92	\$ 13.67	1.3%	0.0%	21.0%
2017	4,103,917	11,244	\$ 548,809,633	\$ 133.73	\$ 143,661,097	\$ 35.01	\$ 168.73	\$ 1,064.76	\$ 12.84	1.2%	0.3%	20.7%
2018	3,804,421	10,423	\$ 527,522,900	\$ 138.66	\$ 136,427,593	\$ 35.86	\$ 174.52	\$ 1,090.75	\$ 25.99	2.4%	2.0%	20.5%
2019	3,499,443	9,588	\$ 510,598,605	\$ 145.91	\$ 128,717,110	\$ 36.78	\$ 182.69	\$ 1,118.79	\$ 28.04	2.6%	2.8%	20.1%
2020	3,078,103	8,410	\$ 478,904,084	\$ 155.58	\$ 109,153,506	\$ 35.46	\$ 191.05	\$ 1,081.57	\$ (37.22)	-3.3%	1.6%	18.6%
2021	2,686,261	7,360	\$ 471,796,943	\$ 175.63	\$ 96,741,500	\$ 36.01	\$ 211.65	\$ 1,095.41	\$ 13.84	1.3%	1.3%	17.0%
2022 (Jan.-Aug.)	1,385,755	6,078	\$ 263,127,827	\$ 189.88	\$ 53,482,483	\$ 38.59	\$ 228.47	\$ 1,173.92	\$ 72.20	6.6%	6.0%	6.0%
2023 (est)								\$ 1,272.98	\$ 99.07	8.4%	8.0%	

Year	COLA*	PL % Inc
2004 to 2005	2.7%	3.2%
2005 to 2006	4.1%	5.0%
2006 to 2007	3.3%	4.9%
2007 to 2008	2.3%	3.1%
2008 to 2009	5.8%	6.7%
2009 to 2010	0.0%	1.2%
2010 to 2011	0.0%	1.5%
2011 to 2012	3.6%	4.6%
2012 to 2013	1.7%	1.9%
2013 to 2014	1.5%	2.1%
2014 to 2015	1.7%	3.4%
2015 to 2016	0.0%	1.3%
2016 to 2017	0.3%	1.2%
2017 to 2018	2.0%	2.4%
2018 to 2019	2.8%	2.6%
2019 to 2020	1.6%	
2020 to 2021	1.3%	
2021 to 2022	6.0%	6.6%
2022 to 2023**	8.0%	8.4%



SFY	PL PPM	Chg PPM	CHG PPD
2005	\$ 758.90		
2006	\$ 789.93	\$ 31.03	\$ 1.02
2007	\$ 828.95	\$ 39.02	\$ 1.28
2008	\$ 861.85	\$ 32.90	\$ 1.08
2009	\$ 904.16	\$ 42.31	\$ 1.39
2010	\$ 934.41	\$ 30.25	\$ 0.99
2011	\$ 929.11	\$ (5.30)	\$ (0.17)
2012	\$ 943.91	\$ 14.81	\$ 0.49
2013	\$ 974.14	\$ 30.22	\$ 0.99
2014	\$ 993.58	\$ 19.44	\$ 0.64
2015	\$ 1,021.12	\$ 27.54	\$ 0.91
2016	\$ 1,045.09	\$ 23.97	\$ 0.79
2017	\$ 1,058.34	\$ 13.25	\$ 0.44
2018	\$ 1,077.76	\$ 19.41	\$ 0.64
2019	\$ 1,104.77	\$ 27.01	\$ 0.89
2020	\$ 1,100.18	\$ (4.59)	\$ (0.15)
2021	\$ 1,088.49	\$ (11.69)	\$ (0.38)
2022	\$ 1,134.66	\$ 46.17	\$ 1.52
2023	\$ 1,223.45	\$ 88.79	\$ 2.92

\* [www.ssa.gov/cgi-bin/bri.cgi](http://www.ssa.gov/cgi-bin/bri.cgi)

\*\* Estimate for 2023 COLA