

TABLE 6B
CHANGE IN WAGES AND SALARIES BY INDUSTRY IN THE U.S., 2007-2019
(all values reported in thousands of 2012 constant dollars)

2012 \$

	2007- 2008	2008- 2009	2009- 2010	2010- 2011	2011- 2012	2012- 2013	2013- 2014	2014- 2015	2015- 2016	2016- 2017	2017- 2018	2018- 2019
Wages and salaries by place of work (thousands of dollars)	-56,753,537	-301,447,919	15,700,674	92,839,164	176,369,496	92,225,084	251,811,732	357,687,813	141,579,015	223,336,227	223,587,592	258,325,750
Farm wages and salaries	-810,699	251,128	-1,486,324	-1,511,567	4,054,858	-293,784	60,435	-1,504,470	940,230	847,653	-1,850,184	-196,501
Nonfarm wages and salaries	-55,942,839	-301,699,048	17,186,998	94,350,731	172,314,639	92,518,868	251,751,297	359,192,283	140,638,785	222,488,575	225,437,776	258,522,251
Private nonfarm wages and salaries	-79,946,231	-334,837,073	22,185,240	122,151,070	190,980,330	98,485,014	240,842,122	323,672,890	123,102,568	207,385,045	201,621,503	233,842,523
Forestry, fishing, and related activities	81,657	-538,766	783,565	20,470	708,005	704,685	669,284	1,202,428	1,013,077	317,789	432,260	783,189
Forestry and logging	-144,663	-345,149	149,094	-70,614	63,390	53,024	80,400	143,234	-37,250	-136,916	-7,708	20,790
Fishing, hunting and trapping	-5,568	-48,318	60,330	48,497	2,216	-60,423	-32,363	17,208	28,261	39,722	20,973	-3,893
Support activities for agriculture and forestry	231,888	-145,299	574,141	42,588	642,399	712,084	621,248	1,041,986	1,022,065	414,983	418,994	766,292
Mining, quarrying, and oil and gas extraction	7,738,060	-8,188,327	3,221,327	9,093,821	6,202,561	1,590,626	5,932,368	-8,631,824	-15,109,099	-327,832	4,831,093	1,469,571
Oil and gas extraction	3,836,307	-1,626,879	1,224,605	2,353,637	2,626,513	798,584	2,082,580	-501,391	-4,238,840	-4,712,174	-109,119	926,077
Mining (except oil and gas)	537,028	-1,142,328	410,946	1,044,674	17,504	-478,729	-206,574	-518,130	-1,488,802	548,486	623,017	187,379
Support activities for mining	3,364,725	-5,419,120	1,585,776	5,695,510	3,558,543	1,270,770	4,056,362	-7,612,303	-9,381,457	3,835,856	4,317,195	356,114
Utilities	583,296	816,095	-742,222	890,761	663,699	-55,455	955,555	2,169,466	190,822	1,246,212	241,706	574,574
Construction	-17,536,865	-60,578,127	-28,522,358	-3,029,378	9,875,478	13,315,696	21,638,670	29,942,957	21,911,976	21,132,461	21,609,181	21,367,220
Construction of buildings	-6,694,085	-17,493,310	-8,050,755	-1,910,400	1,772,230	3,166,190	5,639,062	8,101,088	6,136,467	5,280,181	5,293,369	4,770,791
Heavy and civil engineering construction	-657,101	-6,633,668	-2,939,411	600,094	2,807,914	1,445,811	3,534,769	3,697,951	1,545,004	4,237,756	4,221,165	3,698,793
Specialty trade contractors	-10,185,679	-36,451,150	-17,532,192	-1,719,072	5,295,333	8,703,695	12,464,839	18,143,918	14,230,504	11,614,524	12,094,647	12,897,636
Manufacturing	-35,696,758	-83,665,691	1,549,475	15,751,682	14,159,032	2,758,787	22,780,377	24,268,037	-1,522,092	16,320,206	18,244,733	12,314,496
Durable goods manufacturing	-26,693,653	-67,588,744	3,010,807	18,428,023	11,973,336	1,113,252	16,311,358	14,006,766	-2,200,478	11,932,768	16,826,015	8,715,889
Wood product manufacturing	-2,849,176	-3,765,156	-639,868	-240,870	235,039	715,497	1,139,118	907,036	405,481	616,553	632,960	361,026
Nonmetallic mineral product manufacturing	-2,436,133	-3,965,922	-758,065	-249,890	303,500	419,274	905,180	1,288,462	663,493	595,318	441,141	163,860
Primary metal manufacturing	-620,764	-6,326,746	1,011,372	2,046,604	802,170	-541,959	557,352	-420,411	-1,332,680	492,637	1,143,348	161,117
Fabricated metal product manufacturing	-675,813	-12,396,168	485,607	3,248,810	3,788,534	64,699	2,837,905	666,029	-1,940,088	1,118,028	2,875,967	1,099,425
Machinery manufacturing	-877,007	-9,970,918	601,959	5,392,923	2,712,358	-581,117	2,634,717	597,608	-3,958,455	1,711,057	2,648,893	440,124
Computer and electronic product manufacturing	-7,487,383	-8,436,473	4,150,173	2,445,619	-571,793	-3,098,276	2,330,404	3,301,735	3,375,449	3,588,822	2,889,095	2,215,173
Electrical equipment, appliance, and component manufacturing	-152,838	-2,681,325	14,808	929,730	530,159	455,748	267,749	349,123	-28,811	694,663	363,454	601,865
Motor vehicles, bodies and trailers, and parts manufacturing	-9,597,615	-12,549,627	497,059	2,693,557	2,442,440	1,580,454	3,691,829	3,855,912	1,513,217	1,092,924	2,338,877	-17,914
Other transportation equipment manufacturing	735,466	-1,503,850	-1,379,508	2,193,988	734,086	1,337,349	830,678	1,034,559	-1,185,833	564,447	2,539,712	2,794,999
Furniture and related product manufacturing	-2,071,784	-3,829,675	-938,856	-244,540	124,834	316,087	538,840	975,888	593,721	387,986	26,717	-116,962
Miscellaneous manufacturing	-660,606	-2,162,884	-33,874	212,092	872,011	425,497	577,587	1,450,824	-305,973	1,070,335	925,850	1,013,176
Nondurable goods manufacturing	-9,003,106	-16,076,947	-1,461,333	-2,676,341	2,185,695	1,645,535	6,469,019	10,261,271	678,387	4,387,438	1,418,718	3,598,607
Food manufacturing	-515,887	467,377	533,926	-459,374	965,608	203,686	1,669,196	3,325,399	2,154,122	2,876,311	995,499	604,690
Beverage and tobacco product manufacturing	555,469	-1,298,428	-85,919	-212,737	154,851	-32,753	604,837	1,228,960	496,222	534,793	270,389	381,331
Textile mills	-799,356	-1,135,816	32,035	-27,269	-54,336	31,091	116,986	81,644	-128,367	19,905	-56,440	-138,975
Textile product mills	-511,589	-812,409	-138,501	-78,358	-62,152	29,710	126,318	132,600	63,761	45,954	-32,576	-46,447
Apparel manufacturing	-493,124	-1,179,253	-229,646	-353,806	-221,063	-219,456	47,057	-73,062	-105,718	-224,609	-242,946	-99,869
Leather and allied product manufacturing	-82,742	-177,323	-50,862	18,454	23,928	80,419	-45,964	87,794	-36,220	-39,677	-45,271	-6,897
Paper manufacturing	-1,125,593	-1,916,309	-79,929	-494,881	-405,599	-28,680	2,873	502,123	-408,503	-167,779	-268,951	24,461
Printing and related support activities	-2,078,468	-3,815,262	-1,600,128	-836,193	-633,399	-227,107	-29,813	366,291	-14,856	-436,874	-318,917	-353,770
Petroleum and coal products manufacturing	-176,202	-275,348	-197,754	416,636	454,531	-102,207	-25,651	481,138	-165,431	55,922	201,001	299,979
Chemical manufacturing	-2,108,735	-1,724,901	-470,495	-877,944	1,381,935	1,339,084	2,848,019	2,740,705	-2,096,593	644,759	172,594	2,777,388
Plastics and rubber products manufacturing	-1,666,878	-4,209,275	825,941	229,132	581,390	571,750	1,155,163	1,387,679	919,970	1,078,734	744,337	156,717

2012 \$

	2007- 2008	2008- 2009	2009- 2010	2010- 2011	2011- 2012	2012- 2013	2013- 2014	2014- 2015	2015- 2016	2016- 2017	2017- 2018	2018- 2019
Wholesale trade	-6,732,353	-28,466,532	-603,567	10,505,632	12,330,713	3,101,475	12,536,445	16,596,467	-1,820,572	7,676,360	-1,609,885	8,463,050
Retail trade	-19,020,049	-21,835,173	-1,536,506	2,060,652	7,787,598	4,398,786	12,542,592	24,089,941	7,472,648	6,698,633	5,572,792	5,006,669
Motor vehicle and parts dealers	-8,118,487	-9,381,874	1,612,725	3,037,656	3,130,501	3,005,200	4,143,937	6,326,531	2,114,048	966,503	752,476	2,364,812
Furniture and home furnishings stores	-2,210,268	-2,749,256	-580,815	-13,868	-12,119	293,548	564,717	1,123,570	345,258	338,373	353,083	-38,224
Electronics and appliance stores	-337,314	-2,132,951	834,152	1,140,075	-53,310	-1,414,590	115,527	2,358,678	-990,080	-457,792	-211,100	-422,680
Building material and garden equipment and supplies dealers	-3,001,267	-2,942,128	-1,466,071	-606,552	74,042	895,510	866,846	1,802,366	1,067,547	449,682	639,659	162,274
Food and beverage stores	107,513	-133,494	-952,161	-1,156,409	477,816	443,909	1,368,551	3,347,407	542,325	712,162	87,598	1,175,316
Health and personal care stores	-31,684	485,869	-105,236	-292,957	449,681	304,589	375,250	1,291,609	761,227	227,979	-185,051	-254,782
Gasoline stations	-687,884	-75,800	-213,875	-215,982	333,386	98,200	525,104	1,049,612	687,698	513,480	464,909	697,087
Clothing and clothing accessories stores	-1,591,791	-2,677,693	86,345	-299,891	933,965	150,146	189,199	604,316	-470,005	521,262	-21,220	-88,414
Sporting goods, hobby, musical instrument, and book stores	-609,193	-566,179	-274,581	-651,377	31,112	437,484	232,403	640,220	-269,290	-269,048	-286,140	-249,780
General merchandise stores	-638,852	479,372	-650,901	512,951	213,701	-973,066	1,040,160	2,171,781	1,633,003	-76,591	481,565	-888,674
Miscellaneous store retailers	-1,320,154	-1,657,445	-223,375	-265,582	438,155	114,670	440,068	927,397	113,761	226,866	296,348	649,565
Nonstore retailers	-580,668	-483,592	397,286	872,587	1,770,668	1,043,186	2,680,829	2,446,456	1,937,156	3,545,756	3,200,664	1,900,169
Transportation and warehousing	-4,408,672	-15,275,071	-345,518	7,072,832	8,217,162	4,196,403	11,893,878	15,993,578	5,349,592	10,878,568	14,622,027	17,221,769
Air transportation	-1,477,912	-2,146,080	269,617	1,381,118	348,487	1,835,699	682,664	2,770,330	3,733,785	2,073,662	697,312	295,111
Rail transportation	574,759	-1,377,875	-601,291	1,207,506	1,223,130	-953,323	1,318,977	489,313	-2,124,175	-281,192	564,928	85,282
Water transportation	152,769	-211,065	-8,383	137,782	122,864	78,491	320,267	101,047	-327,442	-12,574	83,223	104,608
Truck transportation	-3,088,181	-7,303,836	-298,364	2,604,719	2,630,142	1,415,312	3,732,682	3,485,932	-651,137	1,741,824	4,006,744	1,969,516
Transit and ground passenger transportation	162,535	35,359	14,961	440,105	337,808	196,730	882,435	854,891	762,675	1,002,133	987,966	4,291,028
Pipeline transportation	-122,942	120,851	248,151	223,479	796,188	-645,158	328,621	413,881	-12,018	236,890	-86,811	416,184
Scenic and sightseeing transportation	-23,531	-54,447	1,542	35,256	52,615	63,634	44,031	50,255	34,858	27,454	38,881	39,001
Support activities for transportation	51,975	-2,381,781	281,550	961,726	1,027,484	527,061	1,946,252	2,285,060	-140,473	1,422,927	2,154,888	2,704,794
Couriers and messengers	-634,240	-1,156,277	-252,561	-296,283	363,306	601,297	959,162	1,689,400	1,164,768	1,466,965	1,747,404	3,439,083
Warehousing and storage	-3,904	-799,921	-740	377,424	1,315,137	1,076,661	1,678,787	3,853,468	2,908,752	3,200,480	4,427,493	3,877,163
Information	-7,152,571	-12,424,305	-1,538,492	4,517,426	6,400,886	11,615,891	10,125,792	13,203,322	10,420,935	13,439,482	16,926,959	14,394,739
Publishing industries (except Internet)	-2,256,537	-5,131,071	-771,860	1,307,015	1,314,118	111,666	3,420,834	4,094,775	1,634,763	4,401,665	6,476,625	6,205,388
Motion picture and sound recording industries	213,950	-1,126,012	1,132,994	290,301	814,981	-851,340	1,671,423	1,628,380	1,270,679	-566,143	491,969	1,438,404
Broadcasting (except Internet)	-1,132,036	-782,751	-235,358	226,511	996,334	-6,653	67,200	-40,742	-216,443	245,113	718,325	230,419
Internet publishing and broadcasting 2/	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Telecommunications	-3,423,207	-4,789,674	-3,352,993	-775,424	-1,164,599	30,724	732,464	-1,688,257	968,500	-1,880,011	-2,436,575	-485,993
Data processing, hosting, and related services	-1,101,592	-517,690	214,560	565,474	868,290	1,484,761	1,927,210	3,602,205	2,210,231	2,548,990	5,172,838	2,326,052
Other information services 2/	546,850	-77,108	1,474,165	2,903,549	3,571,762	10,846,733	2,306,661	5,606,960	4,553,206	8,689,868	6,503,778	4,680,469
Finance and insurance	-26,479,457	-54,658,913	12,733,134	15,772,776	13,760,719	1,396,454	27,880,548	27,061,438	7,612,444	30,046,899	9,482,197	21,483,875
Monetary Authorities-central bank	142,213	93,063	11,651	-108,770	-51,989	103,823	50,828	87,239	130,978	78,450	66,517	96,653
Credit intermediation and related activities	-16,777,040	-11,268,631	-688,294	4,782,949	9,177,838	4,077,759	-3,016	11,133,605	7,336,016	8,145,737	3,005,868	11,018,815
Securities, commodity contracts, other financial investments & related activities	-6,995,395	-39,328,229	11,753,227	5,002,559	-2,128,179	-3,430,188	17,443,512	2,586,286	-1,721,401	12,639,720	-511,949	1,470,689
Insurance Carriers and other activities	-2,827,633	-4,126,946	1,755,603	6,077,539	6,869,755	545,238	10,155,641	13,029,626	1,469,116	8,824,919	6,621,245	8,630,830
Funds, trusts, and other financial vehicles	-21,601	-28,170	-99,054	18,498	-106,707	99,822	233,585	224,682	397,734	358,073	300,515	266,888
Real estate and rental and leasing	-5,047,169	-8,526,189	-1,137,091	1,766,977	4,524,147	2,790,795	5,174,236	7,557,987	2,555,608	5,384,535	5,499,668	6,609,992
Real estate	-3,751,936	-5,886,142	-358,966	1,032,797	3,411,037	2,691,817	3,686,316	6,768,398	2,655,198	4,268,812	4,179,608	5,314,905
Rental and leasing services	-1,113,056	-2,524,332	-672,766	840,586	1,000,063	163,407	1,369,683	841,921	-137,768	967,272	1,440,147	1,236,259
Lessors of nonfinancial intangible assets (except copyrighted works)	-182,177	-115,715	-105,359	-106,406	113,048	-64,429	118,237	-52,332	38,178	148,451	-120,087	58,828
Professional, scientific, and technical services	16,623,966	-24,167,715	7,170,943	20,772,342	34,912,335	9,969,593	33,287,454	50,073,656	20,251,383	24,335,413	37,721,536	40,719,313
Management of companies and enterprises	-3,458,171	-11,841,747	10,327,692	10,560,714	15,924,827	7,416,563	11,387,873	12,733,738	-945,522	11,127,785	8,437,885	10,462,160

2012 \$

	2007- 2008	2008- 2009	2009- 2010	2010- 2011	2011- 2012	2012- 2013	2013- 2014	2014- 2015	2015- 2016	2016- 2017	2017- 2018	2018- 2019
Administrative/ support and waste management services	-8,033,897	-25,597,269	9,031,861	9,165,397	12,357,236	6,244,277	13,220,613	20,361,809	9,008,723	12,265,981	11,072,336	13,831,806
Administrative and support services	-8,285,804	-24,997,622	8,166,092	8,895,763	12,134,780	6,265,735	12,437,891	19,152,537	8,724,802	11,084,164	9,724,652	12,894,857
Waste management and remediation services	251,907	-599,648	865,769	269,634	222,456	-21,458	782,722	1,209,271	283,921	1,181,817	1,347,684	936,949
Educational services	4,673,160	5,694,487	3,047,742	2,639,272	2,712,414	2,446,645	3,611,154	4,456,810	5,382,309	2,940,500	2,183,183	2,543,932
Health care and social assistance	22,701,572	31,749,962	10,211,237	6,732,789	21,303,948	12,282,168	18,567,703	47,727,405	28,121,400	23,676,395	24,128,577	33,496,851
Ambulatory health care services	9,254,140	14,661,140	9,823,347	5,501,673	10,350,838	6,853,152	10,446,349	22,373,756	14,290,542	12,488,663	12,988,370	16,967,638
Hospitals	9,284,370	12,339,375	-1,799,397	2,721,089	5,116,049	1,803,606	3,283,270	16,967,569	6,343,155	6,664,999	4,474,747	7,454,494
Nursing and residential care facilities	2,083,118	2,726,627	1,031,534	-80,724	-152,034	1,110,069	1,794,746	3,482,392	3,077,785	455,799	2,602,258	2,807,418
Social assistance	2,079,944	2,022,821	1,155,752	-1,409,249	5,989,095	2,515,341	3,043,338	4,903,688	4,409,918	4,066,934	4,063,202	6,267,301
Arts, entertainment, and recreation	1,480,465	-2,777,326	-116,512	120,605	2,515,930	1,430,762	4,968,268	4,147,311	3,968,849	2,632,443	3,493,775	3,726,765
Performing arts, spectator sports, and related industries	780,090	-978,809	88,363	7,770	1,144,048	467,129	2,414,689	2,195,385	2,083,472	1,650,554	2,139,667	1,676,336
Museums, historical sites, and similar institutions	167,073	-37,574	-28,915	61,954	145,839	151,977	267,218	250,129	228,215	211,030	171,129	236,449
Amusement, gambling, and recreation industries	533,302	-1,760,943	-175,960	50,881	1,226,042	811,656	2,286,362	1,701,797	1,657,162	770,859	1,182,978	1,813,981
Accommodation and food services	-1,228,995	-8,721,423	1,664,756	6,466,458	11,292,051	9,254,693	13,335,141	20,011,013	14,995,047	11,883,493	10,831,870	11,837,439
Accommodation	913,329	-5,203,585	-44,266	1,530,464	1,256,632	1,510,648	2,326,826	3,168,032	1,361,938	2,058,592	1,947,141	3,142,455
Food services and drinking places	-2,142,324	-3,517,839	1,709,022	4,935,994	10,035,419	7,744,045	11,008,315	16,842,981	13,633,109	9,824,901	8,884,729	8,694,984
Other services (except public administration)	966,550	-5,835,043	-3,014,224	1,269,842	5,331,590	3,626,171	10,334,172	10,707,350	4,245,039	5,709,722	7,899,609	7,535,113
Repair and maintenance	-1,429,281	-2,697,382	-905,793	1,380,616	1,128,065	1,099,467	1,878,630	3,276,056	1,513,012	1,311,689	1,279,127	2,290,844
Personal and laundry services	-1,111,270	-1,858,218	-247,742	563,904	975,914	1,056,423	2,029,020	2,896,134	1,895,663	2,769,526	974,195	1,174,404
Religious, grantmaking, civic, professional, and similar organizations	3,134,562	648,541	511,391	-1,405,422	2,817,927	559,355	4,203,281	4,044,017	2,237,106	3,168,753	3,070,425	3,481,053
Private households	372,538	-1,927,984	-2,372,079	730,745	409,683	910,925	2,223,241	491,142	-1,400,741	-1,540,247	2,575,863	588,812
Government and government enterprises	24,003,393	33,138,025	-4,998,242	-27,800,339	-18,665,691	-5,966,146	10,909,175	35,519,393	17,536,217	15,103,529	23,816,274	24,679,727
Federal, civilian	756,521	10,046,043	11,206,175	-2,390,502	-6,410,612	-7,589,010	2,396,480	6,942,401	1,994,441	2,442,397	3,430,373	760,732
Military	4,448,991	5,605,494	-391,227	-3,685,938	-3,316,732	-3,493,431	-3,454,301	-1,013,801	-475,253	-919,474	1,621,620	1,621,145
State and local	18,797,880	17,486,489	-15,813,190	-21,723,899	-8,938,348	5,116,295	11,966,997	29,590,793	16,017,029	13,580,606	18,764,280	22,297,851
State government	5,845,887	4,382,196	-3,946,579	-2,038,359	-190,519	2,084,533	4,594,240	7,867,282	3,462,253	4,698,576	3,045,968	7,301,910
Local government	12,951,993	13,104,292	-11,866,612	-19,685,539	-8,747,829	3,031,762	7,372,757	21,723,511	12,554,776	8,882,030	15,718,312	14,995,941

Prepared by the Maryland Department of Planning, Projections and Data Center (January 2021)

Source: U.S. Bureau of Economic Analysis, Regional Data, Personal Income and Employment, State Annual: Table SA7N, Wages and Salaries by Industry (Place of Work)

Note: The wage, salary and disbursement data were adjusted using the Personal Consumer Expenditure (PCE) Chained Price-Index [2012 = 100].

1/ The estimates of wages and salaries for 1990-2006 are based on the 2002 North American Industry Classification System (NAICS). The estimates for 2007-2010 are based on the 2007 NAICS.

The estimates for 2011-2016 are based on the 2012 NAICS. Estimates for 2017 forward are based on the 2017 NAICS.

2/ Under the 2007 NAICS, internet publishing and broadcasting was reclassified to other information services.

(D) Not shown to avoid disclosure of confidential information, but the estimates for this item are included in the total.

(T) Estimate for wages and salaries suppressed to cover corresponding estimate for earnings. Estimates for this item are included in the total.

(NA) Data not available for this year.