

**TABLE 5B**  
**CHANGE IN WAGES AND SALARIES BY INDUSTRY IN MARYLAND, 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
<b>Wages and salaries by place of work (thousands of dollars)</b>	-940,499	-1,134,416	676,300	1,562,669	1,795,466	-721,019	2,839,212	6,720,056	3,070,051	2,815,997	2,409,428	3,477,808
Farm wages and salaries	-16,763	-4,393	-8,213	-19,077	41,815	870	6,598	-29,389	15,715	22,207	-10,511	-33,461
Nonfarm wages and salaries	-923,736	-1,130,023	684,513	1,581,745	1,753,651	-721,889	2,832,614	6,749,446	3,054,337	2,793,790	2,419,940	3,511,268
Private nonfarm wages and salaries	-1,569,976	-2,700,345	68,383	1,138,397	2,310,904	-202,666	2,419,460	5,503,024	2,871,392	2,467,671	1,922,834	2,836,833
<b>Forestry, fishing, and related activities</b>	705	-2,798	3,492	-5,468	-1,142	1,764	1,441	5,803	3,412	1,137	-2,298	5,198
Forestry and logging	-768	-1,621	-114	406	518	-49	171	446	157	706	-134	1,033
Fishing, hunting and trapping	-1,717	-249	268	-426	-500	-561	94	353	382	170	-548	270
Support activities for agriculture and forestry	3,189	-927	3,338	-5,448	-1,161	2,374	1,176	5,004	2,872	260	-1,616	3,894
<b>Mining, quarrying, and oil and gas extraction</b>	-1,507	-7,741	369	3,238	4,293	-13,998	-2,684	588	-647	603	-4,703	1,847
Oil and gas extraction	-12	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Mining (except oil and gas)	-2,900	-9,324	-4,318	-4,769	1,244	-9,668	-1,442	2,173	1,779	7,182	4,120	4,378
Support activities for mining	1,405	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
<b>Utilities</b>	8,412	-70,141	52,489	40,618	71,353	-91,109	-25,680	50,483	34,847	29,315	-28,492	10,277
<b>Construction</b>	-483,816	-1,233,920	-674,043	-66,770	-24,859	79,754	368,279	563,584	690,201	311,275	-34,632	308,674
Construction of buildings	-235,071	-452,735	-154,309	-33,790	-3,146	-13,853	138,483	145,808	271,303	42,947	21,696	105,756
Heavy and civil engineering construction	-19,102	-76,898	-97,152	5,488	-8,977	37,949	93,255	132,365	191,159	45,885	-251,784	59,304
Specialty trade contractors	-229,643	-704,287	-422,583	-38,467	-12,735	55,658	136,542	285,411	227,740	222,443	195,455	143,615
<b>Manufacturing</b>	-265,243	-461,222	-16,726	-248,490	-261,278	-208,023	-170,837	334,348	-43,424	459,217	150,111	135,068
<b>Durable goods manufacturing</b>	-64,578	-238,836	-28,736	-220,147	-187,613	-127,857	-270,917	189,477	19,517	209,884	77,199	118,627
Wood product manufacturing	-17,331	-23,235	-13,996	(D)	(D)	(D)	1,748	3,735	6,724	18,054	10,141	9,951
Nonmetallic mineral product manufacturing	-15,599	-40,263	-13,540	-1,356	3,971	14,106	18,317	25,525	7,215	-20,735	-2,898	5,351
Primary metal manufacturing	14,529	-55,055	-19,727	-8,724	-55,854	-92,672	4,265	5,663	1,097	-6,468	682	3,803
Fabricated metal product manufacturing	16,106	-29,943	-29,990	-38,771	-1,701	4,274	-5,012	11,006	-8,396	19,040	-4,877	15,868
Machinery manufacturing	-36,119	-65,701	-6,810	-4,870	-1,419	1,139	7,404	47,248	-30,929	30,657	16,041	25,428
Computer and electronic product manufacturing	-16,456	10,487	76,888	-137,688	-76,066	-53,558	-127,875	50,754	43,712	149,873	27,652	82,925
Electrical equipment, appliance, and component manufacturing	7,092	-23,968	-7,373	921	-2,795	-1,007	-1,271	22,428	-1,216	-5,110	1,780	1,806
Motor vehicles, bodies and trailers, and parts manufacturing	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	6,433	-5,331	(D)	(D)
Other transportation equipment manufacturing	(D)	(D)	(D)	(D)	-54,183	(D)	(D)	(D)	-19,648	-14,467	(D)	(D)
Furniture and related product manufacturing	-15,937	-22,072	-11,302	4,533	4,662	4,688	3,755	18,660	8,924	4,904	-2,325	1,085
Miscellaneous manufacturing	1,504	-22,683	-11,481	-27,081	9,593	4,639	5,102	5,342	5,601	39,467	11,520	-1,500
<b>Nondurable goods manufacturing</b>	-200,665	-222,387	12,011	-28,342	-73,665	-80,167	100,080	144,871	-62,941	249,333	72,912	16,441
Food manufacturing	43,670	32,834	-11,975	-15,080	-29,323	-46,001	27,224	23,450	14,191	30,807	14,139	42,350
Beverage and tobacco product manufacturing	-3,908	-7,254	6,079	9,588	-26,038	-27,346	-1,278	12,354	8,878	-718	13,545	6,710
Textile mills	-7,500	-8,840	1,486	2,219	-13,676	1,285	-2,136	-1,142	-1,349	600	-4,136	-278
Textile product mills	-2,528	-2,467	420	-1,308	-97	-1,737	-491	1,823	1,022	1,678	657	-3,219
Apparel manufacturing	-2,620	-3,502	616	8,206	-115	-437	6,916	-8,295	-5,232	6,653	-12,383	-8,721
Leather and allied product manufacturing	-572	-1,151	149	877	454	-204	792	78	142	-949	2,237	-829
Paper manufacturing	-21,486	-27,520	-9,699	-10,387	-22,161	-1,188	1,719	1,875	-7,705	2,018	-2,034	-8,215
Printing and related support activities	-67,551	-128,560	-49,656	-47,855	-11,912	-8,276	-23,265	-2,374	16,959	1,084	-15,719	2,481
Petroleum and coal products manufacturing	-8,054	-2,646	1,229	976	8,382	4,525	-536	1,221	3,367	353	463	-651

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
Chemical manufacturing	-143,258	-42,086	62,585	27,838	13,927	-2,758	93,546	111,295	-92,754	199,488	66,817	-28,048
Plastics and rubber products manufacturing	13,140	-31,195	10,775	-3,416	6,893	1,970	-2,412	4,587	-461	8,319	9,326	14,862
<b>Wholesale trade</b>	<b>-180,591</b>	<b>-330,765</b>	<b>-67,616</b>	<b>87,895</b>	<b>5,939</b>	<b>-38,996</b>	<b>31,585</b>	<b>247,609</b>	<b>-76,484</b>	<b>18,812</b>	<b>-14,785</b>	<b>80,890</b>
<b>Retail trade</b>	<b>-614,383</b>	<b>-437,828</b>	<b>12,344</b>	<b>-83,710</b>	<b>60,756</b>	<b>-82,074</b>	<b>122,535</b>	<b>456,295</b>	<b>47,162</b>	<b>-59,673</b>	<b>-43,175</b>	<b>-28,110</b>
Motor vehicle and parts dealers	-223,355	-193,489	54,297	16,223	39,255	22,284	54,671	134,386	26,283	-5,040	4,099	58,373
Furniture and home furnishings stores	-58,033	-54,760	-18,664	-4,868	-2,820	-14,067	15,573	28,954	1,155	6,472	-30,949	-10,386
Electronics and appliance stores	-56,859	-44,764	15,662	-16,471	7,052	-30,298	-11,834	56,596	-11,538	-13,098	-27,571	-15,425
Building material and garden equipment and supplies dealers	-82,389	-61,524	-13,908	-13,652	-9,630	-8,261	16,767	49,800	890	-49,357	45,165	-37,431
Food and beverage stores	-29,206	-1,024	-6,034	-39,768	-50,231	8,426	32,402	51,150	23,628	2,024	-22,817	-17,769
Health and personal care stores	-13,828	4,788	649	-7,427	12,175	1,351	-2,087	33,321	20,990	15,700	-24,666	-15,429
Gasoline stations	-13,655	3,172	-6,142	-10,034	34,835	-581	1,064	12,539	5,469	1,028	3,486	2,342
Clothing and clothing accessories stores	-36,420	-39,376	-20,470	-21,827	9,783	-4,285	7,771	27,014	-28,803	20,783	-18,169	-19,919
Sporting goods, hobby, musical instrument, and book stores	-26,320	-10,212	-30,542	-33,037	-7,879	2,839	11,501	19,523	1,076	-9,764	-6,826	-3,103
General merchandise stores	-19,496	-10,620	15,873	42,645	11,101	-26,770	-8,078	18,310	-16,227	10,593	13,217	11,660
Miscellaneous store retailers	-40,421	-24,344	7,560	-5,469	8,742	-23,942	-14,434	-5,259	7,646	-138	3,501	3,429
Nonstore retailers	-14,400	-5,675	14,065	9,974	8,371	-8,768	19,218	29,961	16,594	-38,877	18,355	15,547
<b>Transportation and warehousing</b>	<b>-63,560</b>	<b>-113,281</b>	<b>81,462</b>	<b>96,029</b>	<b>33,479</b>	<b>12,934</b>	<b>266,663</b>	<b>377,363</b>	<b>70,287</b>	<b>25,906</b>	<b>218,145</b>	<b>43,739</b>
Air transportation	-29,101	-8,880	16,905	26,207	-7,117	-5,591	37,566	47,766	71,098	49,689	8,187	2,283
Rail transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Water transportation	7,056	6,720	46,535	-2,332	-3,813	-4,439	-8,785	8,496	3,119	-10,483	-3,766	2,893
Truck transportation	-39,547	-81,819	-39,517	1,108	39,429	-2,556	34,700	64,166	11,446	10,228	35,410	42,348
Transit and ground passenger transportation	-23,393	19,174	10,496	7,369	-12,903	12,991	19,556	22,481	-4,933	20,527	7,696	16,667
Pipeline transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Scenic and sightseeing transportation	2,255	1,286	-873	1,043	2,687	491	-69	-661	-1,941	-1,986	-2,037	-242
Support activities for transportation	8,104	-25,898	-21,678	-4,498	-2,838	-22,505	29,868	15,688	-27,492	26,578	26,961	18,507
Couriers and messengers	-10,802	-4,546	13,870	28,526	-8,715	9,786	19,334	30,283	(D)	(D)	46,174	41,435
Warehousing and storage	-9,321	-28,282	60,111	24,266	25,412	36,920	107,336	174,615	27,365	-74,234	104,844	-81,644
<b>Information</b>	<b>-63,552</b>	<b>-165,616</b>	<b>-71,954</b>	<b>-112,553</b>	<b>-81,463</b>	<b>36,180</b>	<b>-7,827</b>	<b>-9,098</b>	<b>131,555</b>	<b>-145,427</b>	<b>-18,343</b>	<b>95,571</b>
Publishing industries (except Internet)	-52,395	-67,235	-67,225	57,726	13,502	-18,568	37,809	26,259	129,387	-29,672	38,621	131,545
Motion picture and sound recording industries	-7,308	-14,476	10,635	4,118	3,293	-6,981	-13,011	17,572	4,542	133	2,756	-2,121
Broadcasting (except Internet)	11,521	-5,667	42,022	-30,532	-12,019	19,728	-32,141	-48,393	-16,636	-14,578	-19,772	11,040
Internet publishing and broadcasting 2/	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Telecommunications	-34,707	-64,165	-95,753	-107,811	-135,963	31,943	29,643	-53,516	22,676	-111,911	-42,367	-22,513
Data processing, hosting, and related services	8,033	-6,895	37,431	-45,046	-6,783	11,949	-22,512	43,241	-7,506	-17,002	-6,497	5,237
Other information services 2/	11,303	-7,178	936	8,991	56,506	-1,891	-7,616	5,740	-908	27,602	8,917	-27,618
<b>Finance and insurance</b>	<b>-692,565</b>	<b>-481,380</b>	<b>78,112</b>	<b>66,294</b>	<b>662,033</b>	<b>-119,105</b>	<b>116,255</b>	<b>435,960</b>	<b>275,820</b>	<b>-16,616</b>	<b>100,276</b>	<b>119,929</b>
Monetary Authorities-central bank	-746	-731	-2,912	-315	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Credit intermediation and related activities	-529,487	-13,502	-253,017	-46,206	242,244	-16,615	-165,891	243,337	108,991	57,043	-3,234	26,308
Securities, commodity contracts, and other financial activities	-98,233	-374,377	236,774	-6,477	272,974	29,524	216,469	52,501	138,717	-167,186	42,046	44,440
Insurance carriers and related activities	-64,982	-91,312	109,554	121,814	154,491	-158,312	48,736	138,647	31,577	72,900	50,532	43,813
Funds, trusts, and other financial vehicles	882	-1,457	-12,287	-2,521	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
<b>Real estate and rental and leasing</b>	<b>-132,433</b>	<b>-197,405</b>	<b>61,011</b>	<b>-23,457</b>	<b>52,335</b>	<b>-7,761</b>	<b>88,361</b>	<b>163,596</b>	<b>11,245</b>	<b>195,536</b>	<b>-36,562</b>	<b>-36,128</b>
Real estate	-103,921	-159,049	81,427	-21,510	52,629	-4,335	79,110	143,422	-17,398	94,644	64,425	-25,564

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
Rental and leasing services	-24,180	-36,778	-19,959	-2,155	-866	-1,971	9,870	18,871	28,703	100,679	-99,205	-8,076
Lessors of nonfinancial intangible assets (except copyrighted works)	-4,332	-1,578	-457	208	571	-1,454	-620	1,304	-61	213	-1,781	-2,488
<b>Professional, scientific, and technical services</b>	<b>521,288</b>	<b>514,218</b>	<b>199,298</b>	<b>656,946</b>	<b>670,889</b>	<b>-370,669</b>	<b>587,084</b>	<b>581,169</b>	<b>513,826</b>	<b>191,861</b>	<b>704,066</b>	<b>1,206,823</b>
<b>Management of companies and enterprises</b>	<b>-75,879</b>	<b>-41,485</b>	<b>130,901</b>	<b>218,167</b>	<b>187,378</b>	<b>145,581</b>	<b>17,962</b>	<b>50,133</b>	<b>11,386</b>	<b>184,951</b>	<b>181,257</b>	<b>149,707</b>
<b>Administrative/ support and waste management services</b>	<b>-146,600</b>	<b>-359,418</b>	<b>174,815</b>	<b>68,637</b>	<b>142,641</b>	<b>135,715</b>	<b>138,737</b>	<b>465,938</b>	<b>332,993</b>	<b>240,571</b>	<b>37,570</b>	<b>94,404</b>
Administrative and support services	-162,471	-343,243	114,230	57,350	148,368	159,246	129,755	448,629	337,118	240,619	8,895	86,876
Waste management and remediation services	15,871	-16,175	60,585	11,287	-5,727	-23,531	8,982	17,309	-4,125	-48	28,675	7,527
<b>Educational services</b>	<b>65,799</b>	<b>150,038</b>	<b>21,426</b>	<b>134,009</b>	<b>105,402</b>	<b>-36,329</b>	<b>136,850</b>	<b>87,114</b>	<b>141,580</b>	<b>119,026</b>	<b>167,638</b>	<b>7,105</b>
<b>Health care and social assistance</b>	<b>599,513</b>	<b>740,730</b>	<b>127,894</b>	<b>234,590</b>	<b>314,093</b>	<b>60,788</b>	<b>291,762</b>	<b>1,064,146</b>	<b>353,121</b>	<b>405,808</b>	<b>296,327</b>	<b>431,024</b>
Ambulatory health care services	240,008	327,399	253,154	155,636	325,193	165,014	267,631	544,334	277,015	266,332	290,739	218,967
Hospitals	237,924	354,495	-148,026	114,563	44,867	-75,723	-40,982	357,728	-764	104,742	-98,252	101,781
Nursing and residential care facilities	74,174	61,128	686	-4,353	-70,379	33,551	27,762	71,547	41,845	-20,223	46,500	42,266
Social assistance	47,406	-2,292	22,080	-31,257	14,412	-62,055	37,351	90,538	35,025	54,957	57,340	68,010
<b>Arts, entertainment, and recreation</b>	<b>-60,006</b>	<b>-19,900</b>	<b>39,684</b>	<b>-608</b>	<b>69,801</b>	<b>118,497</b>	<b>105,458</b>	<b>87,104</b>	<b>73,720</b>	<b>19,666</b>	<b>-22,160</b>	<b>-105,526</b>
Performing arts, spectator sports, and related industries	-36,370	-257	33,588	-7,520	43,932	9,057	9,366	16,532	64,826	16,246	-41,121	-7,306
Museums, historical sites, and similar institutions	-1,064	-872	-3,051	197	1,331	2,371	-632	2,717	2,808	1,813	686	829
Amusement, gambling, and recreation industries	-22,571	-18,770	9,148	6,714	24,538	107,069	96,724	67,856	6,086	1,607	18,275	-99,049
<b>Accommodation and food services</b>	<b>11,561</b>	<b>-117,565</b>	<b>-12,276</b>	<b>66,450</b>	<b>200,447</b>	<b>139,976</b>	<b>167,018</b>	<b>342,050</b>	<b>240,709</b>	<b>369,527</b>	<b>101,508</b>	<b>207,382</b>
Accommodation	83,915	-49,747	-6,046	23,647	9,394	9,163	2,208	51,509	-18,144	206,982	5,437	126,603
Food services and drinking places	-72,354	-67,818	-6,229	42,803	191,053	130,812	164,810	290,540	258,853	162,545	96,071	80,779
<b>Other services (except public administration)</b>	<b>2,882</b>	<b>-64,865</b>	<b>-72,302</b>	<b>6,582</b>	<b>98,807</b>	<b>34,208</b>	<b>186,498</b>	<b>198,839</b>	<b>60,083</b>	<b>116,177</b>	<b>171,086</b>	<b>108,959</b>
Repair and maintenance	-77,493	-49,076	7,641	-31,082	-7,950	10,945	4,895	62,109	35,519	21,070	11,088	28,520
Personal and laundry services	-49,965	-28,479	7,213	2,880	35,617	3,316	32,155	57,114	2,976	41,699	28,407	-1,998
Religious, grantmaking, civic, professional, and similar organizations	117,152	64,235	-21,849	13,206	87,657	-3,955	91,300	68,212	60,654	95,061	65,707	68,610
Private households	13,188	-51,546	-65,306	21,577	-16,517	23,901	58,148	11,404	-39,066	-41,654	65,884	13,827
<b>Government and government enterprises</b>	<b>646,240</b>	<b>1,570,322</b>	<b>616,130</b>	<b>443,348</b>	<b>-557,253</b>	<b>-519,223</b>	<b>413,154</b>	<b>1,246,421</b>	<b>182,945</b>	<b>326,118</b>	<b>497,105</b>	<b>674,436</b>
Federal, civilian	145,426	974,649	934,970	719,085	-532,973	-626,298	267,391	571,501	374,615	129,646	196,507	304,100
Military	32,277	99,721	14,428	62,752	144,466	-63,501	-76,046	40,167	-14,470	-13,465	50,752	63,465
State and local	468,537	495,952	-333,269	-338,489	-168,746	170,575	221,809	634,753	-177,201	209,938	249,847	306,871
State government	61,766	78,781	-109,494	-55,272	30,839	149,457	105,193	171,825	-98,989	95,877	-90,956	188,759
Local government	406,771	417,171	-223,775	-283,217	-199,584	21,118	116,616	462,928	-78,212	114,060	340,803	118,111

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.