

TABLE 3B
CHANGE IN PERSONAL INCOME FOR MARYLAND, BY MAJOR SOURCE AND EARNINGS BY INDUSTRY, 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
INCOME BY PLACE OF RESIDENCE												
Personal income (thousands of dollars)	4,151,060	-1,442,568	5,540,828	9,551,525	3,217,961	-5,138,962	6,778,445	14,436,213	8,934,362	5,092,146	4,348,185	6,065,166
Population (persons) 2/	-146,513	53,791	-41,632	-97,769	-63,680	-42,500	-51,146	15,426	-43,027	-81,989	-107,391	-72,859
Per capita personal income (dollars) 3/	441	-667	436	1,181	115	-1,195	839	2,161	1,324	652	607	908
Derivation of personal income (thousands of dollars)												
Earnings by place of work	1,572,774	786,124	4,453,652	4,553,885	2,395,124	-908,128	2,671,841	10,369,694	7,361,278	2,542,680	203,442	4,528,987
Less: Contributions for government social insurance 4/	175,882	-5,292	442,887	-2,177,112	196,619	2,479,787	230,750	1,153,397	288,973	330,786	510,984	483,702
Employee/ self-employed contributions for govmt social insurance	118,525	26,227	4,321	-2,428,558	33,111	2,774,507	260,473	572,584	240,233	315,160	335,095	322,692
Employer contributions for government social insurance	57,357	-31,520	438,567	251,446	163,508	-294,720	-29,723	580,812	48,740	15,626	175,889	161,010
Plus: Adjustment for residence 5/	-1,323,250	187,850	1,468	-970,104	-780,857	-342,307	-1,118,409	274,526	-39,373	81,538	861,485	835,482
Equals: Net earnings by place of residence	73,642	979,266	4,012,233	5,760,892	1,417,649	-3,730,222	1,322,682	9,490,823	7,032,932	2,293,432	553,943	4,880,766
Plus: Dividends, interest, and rent 6/	682,434	-5,200,506	-1,147,871	3,619,983	2,155,805	-2,294,947	3,513,367	3,348,306	87,605	2,661,370	2,499,909	-258,961
Plus: Personal current transfer receipts	3,394,984	2,778,672	2,676,466	170,649	-355,493	886,207	1,942,396	1,597,084	1,813,825	137,344	1,294,333	1,443,361
Earnings by place of work (thousands of dollars)												
Components of earnings												
Wages and salaries	-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
Supplements to wages and salaries	345,613	1,607,479	769,192	1,026,398	-790,522	854,649	915,052	956,479	722,090	73,411	637,016	258,249
Employer contributions for employee pension and insurance funds 7/	288,255	1,638,999	330,626	774,952	-954,030	1,149,369	944,775	375,667	673,350	57,784	461,127	97,238
Employer contributions for government social insurance	57,357	-31,520	438,567	251,446	163,508	-294,720	-29,723	580,812	48,740	15,626	175,889	161,010
Proprietors' income 8/	2,167,660	313,060	3,008,160	1,964,818	1,390,180	-1,041,758	-1,082,423	2,693,159	3,569,137	-346,727	-2,843,002	792,930
Farm proprietors' income	128,601	19,064	-52,617	109,171	89,113	148,238	-178,216	-111,585	-119,548	160,616	-171,655	148,019
Nonfarm proprietors' income	2,039,060	293,996	3,060,777	1,855,647	1,301,067	-1,189,995	-904,207	2,804,744	3,688,685	-507,343	-2,671,347	644,911
Earnings by industry												
Farm earnings	114,419	10,356	-62,223	83,479	141,405	147,662	-168,706	-144,345	-99,333	186,144	-194,502	119,725
Nonfarm earnings	1,458,354	775,768	4,515,875	4,470,406	2,253,719	-1,055,790	2,840,547	10,514,040	7,460,611	2,356,536	397,945	4,409,262
Private nonfarm earnings	677,174	-1,719,740	2,684,834	3,781,358	3,313,062	-1,314,277	2,345,118	8,813,043	6,972,185	1,952,431	-423,294	3,246,904
Forestry, fishing, and related activities												
Forestry and logging	-2,303	-4,318	-360	251	9,048	2,186	4,606	1,709	-1,233	-1,070	-3,841	1,724
Fishing, hunting and trapping	-5,247	-637	1,553	-377	-869	-1,105	1,067	5,006	4,034	2,004	-4,030	784
Support activities for agriculture and forestry	-1,891	446	6,817	-9,629	2,882	-1,480	3,193	8,275	5,448	590	-609	4,555
Mining, quarrying, and oil and gas extraction												
Oil and gas extraction	41,133	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Mining (except oil and gas)	-24,049	-48,324	-51,466	-12,664	13,675	-7,537	4,690	433	4,376	16,112	-6,091	4,297
Support activities for mining	1,638	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Utilities												
	-131,088	-168,141	136,478	178,489	-61,120	-15,959	55,421	274,351	-18,332	483,663	277,789	96,200
Construction												
Construction of buildings	-521,362	-528,801	-62,652	39,198	106,751	-11,871	116,688	26,947	55,452	170,017	134,553	125,074
Heavy and civil engineering construction	-53,794	-181,733	-190,887	-10,911	-17,587	98,257	181,181	166,485	232,562	56,995	-295,722	67,332

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
Specialty trade contractors	-565,826	-693,402	96,819	47,214	447,702	-240,104	306,776	171,320	346,617	296,058	5,954	163,599
Manufacturing	-317,098	-512,891	54,168	-356,639	-321,062	-277,648	-162,135	403,996	-69,620	551,057	155,795	123,278
Durable goods manufacturing	-60,949	-242,446	-58,159	-257,172	-241,357	-178,822	-342,545	284,921	27,582	289,074	114,411	83,692
Wood product manufacturing	-22,881	-29,071	-18,874	(D)	(D)	(D)	-18,054	22,448	4,505	23,933	-23,256	21,121
Nonmetallic mineral product manufacturing	-20,928	-67,294	-13,871	7,670	5,910	22,086	31,717	33,980	2,659	-29,300	-4,190	7,157
Primary metal manufacturing	23,147	-67,545	-30,328	-5,004	-73,981	-120,558	3,857	3,356	-3,383	-3,703	6,174	5,528
Fabricated metal product manufacturing	19,539	-27,163	-35,959	-32,386	-7,603	-321	-3,591	14,661	-17,183	24,205	6,574	15,097
Machinery manufacturing	-29,902	-42,152	7,924	-31,532	-13,526	10,368	1,634	56,152	-21,664	40,196	37,396	22,179
Computer and electronic product manufacturing	-13,833	26,045	53,603	-166,149	-91,427	-70,333	-132,627	78,139	49,281	194,732	45,085	49,887
Electrical equipment, appliance, and component manufacturing	-12,069	-31,160	-29,069	9,463	26,227	1,049	19,668	36,461	14,668	-9,428	1,071	1,785
Motor vehicles, bodies and trailers, and parts manufacturing	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	7,236	-6,077	(D)	(D)
Other transportation equipment manufacturing	(D)	(D)	(D)	(D)	-70,687	(D)	(D)	(D)	-26,610	-21,552	(D)	(D)
Furniture and related product manufacturing	-12,416	-36,729	-15,976	5,025	4,613	9,549	8,886	31,632	17,310	26,071	12,929	-2,187
Miscellaneous manufacturing	16,089	-22,079	15,474	-23,070	-10,931	-23,832	-31,683	6,721	762	49,997	9,637	-3,399
Nondurable goods manufacturing	-256,149	-270,445	112,327	-99,467	-79,705	-98,826	180,410	119,075	-97,202	261,983	41,385	39,586
Food manufacturing	50,902	46,589	3,823	-20,323	-22,979	-50,526	53,696	-2,511	12,556	17,447	15,947	44,999
Beverage and tobacco product manufacturing	-9,088	-3,579	11,390	5,775	-33,019	-34,844	17,387	5,923	33,207	-8,772	-15,931	8,054
Textile mills	-9,349	-9,638	5,715	3,697	-12,405	-3,065	-947	-5,122	-4,494	-1,077	-2,500	-480
Textile product mills	-3,056	-3,271	446	427	6,743	-3,207	-763	931	622	-2,419	1,219	-4,151
Apparel manufacturing	-9,409	-5,417	1,827	6,079	5,548	4,975	10,137	-12,112	-7,091	7,479	-13,665	-9,944
Leather and allied product manufacturing	2,635	2,627	3,931	-4,627	926	-2,138	-888	-2,252	2,018	-1,617	3,092	-760
Paper manufacturing	-43,515	-28,022	15,368	-38,037	-37,018	88	9,440	5,991	-25,569	1,948	-2,632	-11,226
Printing and related support activities	-73,946	-159,950	-52,296	-47,823	-17,160	-15,787	-25,786	-6,481	19,882	-1,956	-24,186	3,070
Petroleum and coal products manufacturing	-29,327	-11,517	26,280	-17,632	14,460	11,155	1,838	19,450	-29,481	-482	-363	2,208
Chemical manufacturing	-159,999	-67,395	85,846	40,768	5,356	-7,422	118,295	115,335	-99,190	246,324	66,964	-13,401
Plastics and rubber products manufacturing	28,003	-30,874	9,998	-27,769	9,841	1,946	-1,999	-75	339	5,107	13,439	21,216
Wholesale trade	-278,122	-365,734	-71,454	189,248	6,521	-39,419	56,127	318,347	-139,008	115,278	10,447	25,619
Retail trade	-928,874	-519,707	394,418	250,187	187,871	-137,555	124,672	496,810	62,611	-117,628	-54,771	57,205
Motor vehicle and parts dealers	-295,924	-238,142	141,094	28,436	17,206	30,327	62,808	157,359	62,437	-19,962	-13,676	85,970
Furniture and home furnishings stores	-63,213	-65,600	-15,981	-7,160	-2,288	-21,071	16,488	24,173	3,705	5,989	-33,215	-10,949
Electronics and appliance stores	-75,090	-66,256	15,129	-11,379	5,465	-28,986	-20,501	70,939	-9,807	-18,201	-26,054	-14,651
Building material and garden equipment and supplies dealers	-101,609	-67,025	25,499	14	-5,810	-18,864	11,784	35,369	2,439	-71,198	49,784	-23,683
Food and beverage stores	-85,018	-3,717	93,657	22,965	-43,287	-20,064	99,095	180,354	61,226	10,247	-55,254	-6,271
Health and personal care stores	-30,182	4,141	8,297	-1,901	24,050	3,711	-17,248	18,793	37,848	39,343	4,142	-10,554
Gasoline stations	-51,670	-23,195	187,000	127,047	189,485	-11,048	-57,143	-90,801	-53,217	-49,567	-23,965	10,649
Clothing and clothing accessories stores	-37,262	-35,847	-14,759	-35,074	-1,753	-1,429	4,084	32,430	-27,674	30,164	-22,036	-17,510
Sporting goods, hobby, musical instrument, and book stores	-54,627	-7,613	-41,625	-9,605	-9,241	-14,869	-4,641	11,910	-4,682	-13,615	-7,263	-3,559
General merchandise stores	-14,397	25,183	-13,242	84,501	-26,686	-35,596	3,695	21,761	-42,475	-1,334	21,279	16,328
Miscellaneous store retailers	-92,822	-40,654	-3,313	38,121	33,763	-19,033	1,483	-2,037	-505	-6,419	18,836	7,286
Nonstore retailers	-27,060	-982	12,661	14,220	6,968	-633	24,767	36,558	33,316	-23,074	32,652	24,148
Transportation and warehousing	-338,705	-25,265	162,054	160,932	31,912	49,474	367,436	533,094	123,331	-7,790	271,734	149,896
Air transportation	-62,584	-23,217	38,909	29,591	-4,139	-3,219	45,441	70,403	82,384	67,433	14,013	12,302
Rail transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Water transportation	5,153	8,744	65,245	199	-5,841	-2,001	-14,515	11,886	1,730	-13,161	-7,820	4,072
Truck transportation	-143,492	-67,324	-23,230	26,379	32,036	23,003	72,061	109,733	23,499	4,815	88,666	113,008

	2007- 2008	2008- 2009	2009- 2010	2010- 2011	2011- 2012	2012- 2013	2013- 2014	2014- 2015	2015- 2016	2016- 2017	2017- 2018	2018- 2019
Transit and ground passenger transportation	-150,634	57,025	63,283	30,983	-4,763	1,659	42,408	4,971	-28,021	9,489	4,702	77,621
Pipeline transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Scenic and sightseeing transportation	7,309	1,287	-3,085	-291	3,117	420	-460	-618	-2,188	-2,604	-2,148	-13
Support activities for transportation	7,230	-16,228	-10,862	28,986	-13,831	-15,686	42,776	51,932	-32,529	10,682	8,487	34,424
Couriers and messengers	-4,779	16,815	2,682	23,268	-6,784	-14,510	12,150	36,274	(D)	(D)	49,803	16,928
Warehousing and storage	-35,237	-18,775	34,718	-105	31,405	58,845	142,762	225,319	60,962	-72,790	122,784	-111,892
Information	1,887,596	693,918	823,826	185,237	-469,335	-591,372	-1,144,214	555,023	630,593	-268,029	-421,754	133,526
Publishing industries (except Internet)	-66,150	-52,369	-50,772	109,919	-17,181	-48,511	96,760	24,926	142,413	-48,811	102,366	173,247
Motion picture and sound recording industries	-32,425	26,546	62,297	-4,765	31,621	-2,590	3,988	6,801	-38,014	-11,455	-10,221	-2,976
Broadcasting (except Internet)	2,008,534	874,133	977,936	232,252	-532,102	-563,241	-1,290,533	565,827	539,979	30,963	-492,603	19,755
Internet publishing and broadcasting 9/	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Telecommunications	-68,207	-75,592	-218,937	-160,724	-23,580	44,434	69,047	-81,907	-6,715	-144,818	-49,553	-37,457
Data processing, hosting, and related services	15,751	-3,081	26,445	-45,596	-4,129	9,963	-31,108	36,461	-19,917	-36,647	4,018	8,380
Other information services 9/	30,093	-75,719	26,857	54,152	76,036	-31,427	7,633	2,916	12,849	-57,262	24,240	-27,423
Finance and insurance	-264,131	-2,076,726	-138,478	-3,585	841,629	-34,389	-209,208	560,378	824,669	152,922	-279,242	-47,481
Monetary Authorities-central bank	-952	-1,060	-2,534	-70	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Credit intermediation and related activities	-550,153	-128,243	-327,417	-50,330	371,631	-103,875	-149,086	264,087	129,648	74,327	-80,961	-22,623
Securities, commodity contracts, and other financial activities	-80,574	-305,077	274,045	62,345	282,775	116,341	57,475	-72,819	549,679	-132,098	-112,325	-10,727
Insurance carriers and related activities	-66,135	-120,338	34,828	101,331	163,437	-118,891	56,359	142,321	48,414	45,188	60,084	-17,263
Funds, trusts, and other financial vehicles	433,682	-1,522,007	-117,400	-116,862	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Real estate and rental and leasing	1,125,387	976,297	-365,677	546,184	19,037	-335,202	-303,904	2,424,090	2,876,022	-984,181	-2,128,742	-59,373
Real estate	1,671,701	1,037,166	-319,707	46,470	55,001	-385,668	-210,180	491,521	369,420	-429,330	-52,106	95,514
Rental and leasing services	-537,911	-31,642	-36,264	492,957	-44,365	51,841	-90,391	1,926,189	2,482,740	-564,586	-2,081,641	-151,822
Lessors of nonfinancial intangible assets (except copyrighted works)	-8,403	-29,227	-9,706	6,757	8,401	-1,376	-3,333	6,381	23,862	9,735	5,006	-3,065
Professional, scientific, and technical services	1,117,736	467,489	373,369	1,054,920	825,026	-710,868	910,007	476,590	494,438	468,243	875,256	1,534,958
Management of companies and enterprises	-107,655	107,158	103,247	379,389	218,267	307,102	24,484	-8,647	44,906	196,284	266,585	156,029
Administrative/ support and waste management services	-147,176	-166,529	358,779	281,882	259,361	221,518	197,817	353,366	164,582	419,822	-9,947	36,650
Administrative and support services	-176,796	-180,044	305,367	263,826	264,109	239,903	149,685	323,603	212,548	354,767	-66,206	36,080
Waste management and remediation services	29,621	13,515	53,412	18,055	-4,748	-18,385	48,132	29,763	-47,966	65,055	56,259	569
Educational services	45,760	311,832	63,923	194,306	161,728	-94,752	265,279	93,776	216,486	32,106	165,779	58,347
Health care and social assistance	796,219	1,005,311	513,780	322,136	252,864	120,585	467,700	1,067,090	435,061	231,715	476,621	373,066
Ambulatory health care services	383,970	363,477	513,131	224,472	298,947	177,837	337,376	561,047	323,911	149,457	386,394	181,588
Hospitals	304,416	531,304	-124,090	116,085	4,778	-39,534	-20,774	379,061	62,797	82,466	-96,375	60,977
Nursing and residential care facilities	94,299	100,103	39,385	-7,554	-63,209	32,634	91,938	36,508	7,439	-37,926	114,519	45,040
Social assistance	13,534	10,426	85,354	-10,868	12,349	-50,353	59,160	90,475	40,914	37,718	72,084	85,460
Arts, entertainment, and recreation	-271,106	-12,981	143,521	129,101	316,304	495,178	513,406	131,651	226,140	-271,484	-220,365	-146,381
Performing arts, spectator sports, and related industries	-221,893	-22,217	111,365	116,905	284,509	167,799	198,221	-83,093	302,612	-127,726	-181,777	-3,780
Museums, historical sites, and similar institutions	-5,207	149	-2,043	-1,522	1,632	3,048	80	1,820	4,427	1,322	2,846	29
Amusement, gambling, and recreation industries	-44,006	9,087	34,199	13,718	30,163	324,330	315,105	212,924	-80,900	-145,080	-41,433	-142,630
Accommodation and food services	-64,591	-43,107	84,953	161,102	184,384	-43,843	224,152	535,467	346,434	301,067	131,010	215,295
Accommodation	104,560	-126,254	58,583	86,707	56,166	-51,834	21,881	133,191	65,051	174,969	107,143	135,185
Food services and drinking places	-169,151	83,146	26,370	74,395	128,218	7,991	202,271	402,275	281,383	126,098	23,868	80,110

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
Other services (except public administration)	-315,277	90,581	249,043	54,242	294,520	-60,459	341,267	220,617	110,718	110,806	226,128	175,873
Repair and maintenance	-203,481	-24,433	221,988	-46,079	35,724	-27,669	59,229	83,196	71,577	32,602	28,036	47,347
Personal and laundry services	-296,148	40,014	205,466	57,430	168,598	-26,856	108,593	48,451	2,176	48,576	54,544	36,817
Religious, grantmaking, civic, professional, and similar organizations	164,399	123,506	-110,822	23,916	100,514	-21,879	112,424	79,902	77,246	73,348	75,651	77,423
Private households	19,953	-48,505	-67,590	18,976	-10,315	15,945	61,020	9,069	-40,280	-43,720	67,897	14,285
Government and government enterprises	781,180	2,495,508	1,831,041	689,048	-1,059,342	258,487	495,428	1,700,997	488,425	404,105	821,239	1,162,358
Federal, civilian	264,496	1,403,747	1,283,752	1,233,513	-578,034	-697,634	414,736	810,093	759,543	275,140	333,699	603,486
Military	49,020	174,066	99,439	123,725	224,292	-150,459	-126,497	54,896	-54,608	-34,502	88,691	147,338
State and local	467,665	917,695	447,850	-668,191	-705,601	1,106,580	207,190	836,007	-216,510	163,467	398,848	411,533
State government	53,201	180,462	141,052	-151,206	-111,010	467,891	75,038	226,641	-142,208	100,693	-94,697	248,716
Local government	414,464	737,233	306,797	-516,985	-594,591	638,689	132,152	609,367	-74,302	62,775	493,545	162,817

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 SA5N, Personal Income by Major Component and Earnings

Note: The income and earnings data were adjusted to 2012 dollars using the Personal Consumer Expenditure (PCE) Chained Price-Index [2012 = 100].

1/ The estimates of earnings for 1998-2006 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/ Census Bureau midyear population estimate. Estimates for 2010-2019 reflect state population estimates available as of December 2019.

3/ Per capita personal income is total personal income divided by total midyear population.

4/ Employer contributions for government social insurance are included in earnings by industry and earnings by place of work, but they are excluded from net earnings by place of residence and personal income.

Employee and self-employed contributions are subtractions in the calculation of net earnings by place of residence and all of the income measures.

5/ The adjustment for residence is the net inflow of the earnings of interarea commuters. For the United States, it consists of adjustments for border workers and US residents employed by international organizations and foreign embassies.

6/ Rental income of persons includes the capital consumption adjustment.

7/ Includes actual employer contributions and actuarially imputed employer contributions to reflect benefits accrued by defined benefit pension plan participants through service to employers in the current period.

8/ Proprietors' income includes the inventory valuation adjustment and the capital consumption adjustment.

9/ 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.

(NA) Data not available for this year.