

TABLE 6C
PERCENT 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)	-0.8%	-4.3%	0.2%	1.4%	2.6%	1.3%	3.6%	4.9%	1.9%	2.9%	2.8%	3.1%
Farm wages and salaries	-3.5%	1.1%	-6.6%	-7.1%	20.6%	-1.2%	0.3%	-6.4%	4.3%	3.7%	-7.8%	-0.9%
Nonfarm wages and salaries	-0.8%	-4.4%	0.3%	1.4%	2.6%	1.3%	3.6%	5.0%	1.9%	2.9%	2.8%	3.2%
Private nonfarm wages and salaries	-1.4%	-5.9%	0.4%	2.3%	3.5%	1.7%	4.1%	5.3%	1.9%	3.2%	3.0%	3.4%
Forestry, fishing, and related activities	0.6%	-3.8%	5.8%	0.1%	5.0%	4.7%	4.3%	7.3%	5.8%	1.7%	2.3%	4.1%
Forestry and logging	-5.3%	-13.3%	6.6%	-2.9%	2.7%	2.2%	3.3%	5.7%	-1.4%	-5.2%	-0.3%	0.8%
Fishing, hunting and trapping	-0.9%	-7.8%	10.5%	7.6%	0.3%	-8.8%	-5.2%	2.9%	4.6%	6.2%	3.1%	-0.6%
Support activities for agriculture and forestry	2.2%	-1.3%	5.4%	0.4%	5.7%	6.0%	4.9%	7.9%	7.2%	2.7%	2.7%	4.7%
Mining, quarrying, and oil and gas extraction	13.1%	-12.3%	5.5%	14.8%	8.8%	2.1%	7.6%	-10.2%	-19.9%	-0.5%	8.0%	2.3%
Oil and gas extraction	18.4%	-6.6%	5.3%	9.7%	9.9%	2.7%	6.9%	-1.6%	-13.4%	-17.2%	-0.5%	4.1%
Mining (except oil and gas)	3.6%	-7.5%	2.9%	7.2%	0.1%	-3.1%	-1.4%	-3.5%	-10.3%	4.2%	4.6%	1.3%
Support activities for mining	14.4%	-20.3%	7.5%	24.9%	12.5%	4.0%	12.2%	-20.3%	-31.5%	18.8%	17.8%	1.2%
Utilities	1.2%	1.6%	-1.4%	1.7%	1.3%	-0.1%	1.8%	4.0%	0.3%	2.2%	0.4%	1.0%
Construction	-4.3%	-15.7%	-8.7%	-1.0%	3.4%	4.4%	6.8%	8.8%	5.9%	5.4%	5.2%	4.9%
Construction of buildings	-6.4%	-17.9%	-10.1%	-2.7%	2.5%	4.4%	7.5%	10.0%	6.9%	5.6%	5.3%	4.5%
Heavy and civil engineering construction	-1.1%	-10.7%	-5.3%	1.1%	5.3%	2.6%	6.2%	6.1%	2.4%	6.4%	6.0%	5.0%
Specialty trade contractors	-4.3%	-16.0%	-9.2%	-1.0%	3.1%	4.9%	6.7%	9.1%	6.6%	5.0%	5.0%	5.1%
Manufacturing	-4.3%	-10.6%	0.2%	2.2%	2.0%	0.4%	3.1%	3.2%	-0.2%	2.1%	2.3%	1.5%
Durable goods manufacturing	-4.9%	-13.0%	0.7%	4.0%	2.5%	0.2%	3.3%	2.8%	-0.4%	2.3%	3.2%	1.6%
Wood product manufacturing	-13.9%	-21.3%	-4.6%	-1.8%	1.8%	5.4%	8.1%	6.0%	2.5%	3.7%	3.7%	2.0%
Nonmetallic mineral product manufacturing	-9.4%	-16.8%	-3.9%	-1.3%	1.6%	2.2%	4.7%	6.4%	3.1%	2.7%	1.9%	0.7%
Primary metal manufacturing	-2.2%	-22.7%	4.7%	9.1%	3.3%	-2.1%	2.2%	-1.7%	-5.3%	2.1%	4.7%	0.6%
Fabricated metal product manufacturing	-0.8%	-15.7%	0.7%	4.8%	5.4%	0.1%	3.8%	0.9%	-2.5%	1.5%	3.7%	1.4%
Machinery manufacturing	-1.2%	-13.6%	1.0%	8.4%	3.9%	-0.8%	3.7%	0.8%	-5.3%	2.4%	3.7%	0.6%
Computer and electronic product manufacturing	-6.2%	-7.5%	4.0%	2.3%	-0.5%	-2.8%	2.2%	3.0%	3.0%	3.1%	2.4%	1.8%
Electrical equipment, appliance, and component manufacturing	-0.6%	-11.0%	0.1%	4.3%	2.3%	2.0%	1.1%	1.5%	-0.1%	2.9%	1.5%	2.4%
Motor vehicles, bodies and trailers, and parts manufacturing	-15.3%	-23.7%	1.2%	6.6%	5.6%	3.4%	7.7%	7.5%	2.7%	1.9%	4.0%	0.0%
Other transportation equipment manufacturing	1.3%	-2.7%	-2.5%	4.1%	1.3%	2.4%	1.5%	1.8%	-2.0%	1.0%	4.3%	4.6%
Furniture and related product manufacturing	-9.7%	-20.0%	-6.1%	-1.7%	0.9%	2.2%	3.7%	6.4%	3.7%	2.3%	0.2%	-0.7%
Miscellaneous manufacturing	-1.9%	-6.2%	-0.1%	0.7%	2.7%	1.3%	1.7%	4.2%	-0.8%	3.0%	2.5%	2.7%
Nondurable goods manufacturing	-3.3%	-6.1%	-0.6%	-1.1%	0.9%	0.7%	2.6%	4.0%	0.3%	1.7%	0.5%	1.3%
Food manufacturing	-0.8%	0.8%	0.9%	-0.7%	1.6%	0.3%	2.6%	5.1%	3.2%	4.1%	1.4%	0.8%
Beverage and tobacco product manufacturing	4.9%	-10.9%	-0.8%	-2.0%	1.5%	-0.3%	5.8%	11.1%	4.0%	4.2%	2.0%	2.8%
Textile mills	-11.5%	-18.5%	0.6%	-0.5%	-1.1%	0.6%	2.4%	1.6%	-2.5%	0.4%	-1.1%	-2.8%
Textile product mills	-8.8%	-15.3%	-3.1%	-1.8%	-1.4%	0.7%	3.0%	3.0%	1.4%	1.0%	-0.7%	-1.0%

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
Apparel manufacturing	-6.2%	-15.9%	-3.7%	-5.9%	-3.9%	-4.0%	0.9%	-1.4%	-2.0%	-4.4%	-5.0%	-2.2%
Leather and allied product manufacturing	-5.8%	-13.3%	-4.4%	1.7%	2.1%	7.0%	-3.7%	7.4%	-2.8%	-3.2%	-3.8%	-0.6%
Paper manufacturing	-4.1%	-7.2%	-0.3%	-2.0%	-1.7%	-0.1%	0.0%	2.1%	-1.7%	-0.7%	-1.1%	0.1%
Printing and related support activities	-6.9%	-13.6%	-6.6%	-3.7%	-2.9%	-1.1%	-0.1%	1.8%	-0.1%	-2.1%	-1.5%	-1.7%
Petroleum and coal products manufacturing	-1.5%	-2.4%	-1.8%	3.8%	4.0%	-0.9%	-0.2%	4.1%	-1.3%	0.5%	1.7%	2.4%
Chemical manufacturing	-2.9%	-2.4%	-0.7%	-1.3%	2.0%	1.9%	4.0%	3.7%	-2.8%	0.9%	0.2%	3.7%
Plastics and rubber products manufacturing	-4.7%	-12.3%	2.8%	0.7%	1.9%	1.8%	3.6%	4.2%	2.7%	3.0%	2.0%	0.4%
Wholesale trade	-1.7%	-7.1%	-0.2%	2.8%	3.2%	0.8%	3.2%	4.1%	-0.4%	1.8%	-0.4%	2.0%
Retail trade	-4.1%	-5.0%	-0.4%	0.5%	1.9%	1.0%	2.9%	5.4%	1.6%	1.4%	1.2%	1.0%
Motor vehicle and parts dealers	-9.2%	-11.7%	2.3%	4.2%	4.1%	3.8%	5.1%	7.4%	2.3%	1.0%	0.8%	2.5%
Furniture and home furnishings stores	-11.2%	-15.6%	-3.9%	-0.1%	-0.1%	2.1%	3.9%	7.5%	2.1%	2.0%	2.1%	-0.2%
Electronics and appliance stores	-1.4%	-9.2%	3.9%	5.2%	-0.2%	-6.1%	0.5%	10.8%	-4.1%	-2.0%	-0.9%	-1.9%
Building material and garden equipment and supplies dealers	-6.8%	-7.1%	-3.8%	-1.6%	0.2%	2.5%	2.3%	4.7%	2.7%	1.1%	1.5%	0.4%
Food and beverage stores	0.2%	-0.2%	-1.4%	-1.7%	0.7%	0.7%	2.0%	4.8%	0.7%	1.0%	0.1%	1.6%
Health and personal care stores	-0.1%	1.3%	-0.3%	-0.8%	1.2%	0.8%	1.0%	3.4%	2.0%	0.6%	-0.5%	-0.6%
Gasoline stations	-3.9%	-0.4%	-1.3%	-1.3%	2.0%	0.6%	3.1%	6.0%	3.7%	2.7%	2.4%	3.4%
Clothing and clothing accessories stores	-4.9%	-8.7%	0.3%	-1.1%	3.4%	0.5%	0.7%	2.1%	-1.6%	1.8%	-0.1%	-0.3%
Sporting goods, hobby, musical instrument, and book stores	-4.4%	-4.3%	-2.2%	-5.3%	0.3%	3.8%	1.9%	5.2%	-2.1%	-2.1%	-2.3%	-2.1%
General merchandise stores	-0.9%	0.7%	-0.9%	0.7%	0.3%	-1.4%	1.5%	3.1%	2.3%	-0.1%	0.7%	-1.2%
Miscellaneous store retailers	-5.8%	-7.7%	-1.1%	-1.4%	2.3%	0.6%	2.2%	4.6%	0.5%	1.1%	1.4%	3.0%
Nonstore retailers	-2.7%	-2.3%	1.9%	4.2%	8.2%	4.4%	10.9%	9.0%	6.5%	11.2%	9.1%	5.0%
Transportation and warehousing	-2.0%	-6.9%	-0.2%	3.5%	3.9%	1.9%	5.3%	6.8%	2.1%	4.2%	5.5%	6.1%
Air transportation	-4.5%	-6.9%	0.9%	4.7%	1.1%	5.9%	2.1%	8.3%	10.3%	5.2%	1.7%	0.7%
Rail transportation	3.5%	-8.2%	-3.9%	8.1%	7.6%	-5.5%	8.1%	2.8%	-11.7%	-1.8%	3.6%	0.5%
Water transportation	3.1%	-4.1%	-0.2%	2.8%	2.4%	1.5%	6.1%	1.8%	-5.8%	-0.2%	1.6%	1.9%
Truck transportation	-4.6%	-11.3%	-0.5%	4.6%	4.4%	2.3%	5.9%	5.2%	-0.9%	2.5%	5.6%	2.6%
Transit and ground passenger transportation	1.3%	0.3%	0.1%	3.3%	2.5%	1.4%	6.2%	5.7%	4.8%	6.0%	5.6%	23.0%
Pipeline transportation	-2.8%	2.8%	5.6%	4.8%	16.2%	-11.3%	6.5%	7.7%	-0.2%	4.1%	-1.4%	7.0%
Scenic and sightseeing transportation	-2.6%	-6.1%	0.2%	4.2%	6.0%	6.8%	4.4%	4.8%	3.2%	2.4%	3.4%	3.3%
Support activities for transportation	0.2%	-7.9%	1.0%	3.4%	3.5%	1.8%	6.4%	7.0%	-0.4%	4.1%	6.0%	7.1%
Couriers and messengers	-2.4%	-4.5%	-1.0%	-1.2%	1.5%	2.5%	3.9%	6.5%	4.2%	5.1%	5.8%	10.8%
Warehousing and storage	0.0%	-2.8%	0.0%	1.4%	4.7%	3.7%	5.5%	12.1%	8.1%	8.3%	10.6%	8.4%
Information	-3.1%	-5.5%	-0.7%	2.1%	2.9%	5.2%	4.3%	5.4%	4.0%	5.0%	6.0%	4.8%
Publishing industries (except Internet)	-3.1%	-7.4%	-1.2%	2.0%	2.0%	0.2%	5.1%	5.9%	2.2%	5.8%	8.1%	7.2%
Motion picture and sound recording industries	0.9%	-4.7%	5.0%	1.2%	3.4%	-3.4%	6.9%	6.3%	4.6%	-2.0%	1.8%	5.0%
Broadcasting (except Internet)	-4.8%	-3.5%	-1.1%	1.0%	4.6%	0.0%	0.3%	-0.2%	-0.9%	1.1%	3.1%	1.0%
Internet publishing and broadcasting 2/	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Telecommunications	-4.3%	-6.2%	-4.6%	-1.1%	-1.7%	0.0%	1.1%	-2.5%	1.5%	-2.8%	-3.7%	-0.8%
Data processing, hosting, and related services	-5.0%	-2.5%	1.1%	2.8%	4.1%	6.8%	8.2%	14.2%	7.6%	8.2%	15.3%	6.0%
Other information services 2/	4.3%	-0.6%	11.1%	19.7%	20.3%	51.2%	7.2%	16.3%	11.4%	19.5%	12.2%	7.8%

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
Finance and insurance	-4.6%	-10.0%	2.6%	3.1%	2.6%	0.3%	5.2%	4.8%	1.3%	5.0%	1.5%	3.4%
Monetary Authorities-central bank	8.5%	5.1%	0.6%	-5.6%	-2.9%	5.9%	2.7%	4.5%	6.5%	3.7%	3.0%	4.2%
Credit intermediation and related activities	-8.7%	-6.4%	-0.4%	2.9%	5.4%	2.3%	0.0%	6.1%	3.8%	4.0%	1.4%	5.2%
Securities, commodity contracts, other financial investments & related activity	-3.4%	-19.8%	7.4%	2.9%	-1.2%	-2.0%	10.3%	1.4%	-0.9%	6.7%	-0.3%	0.7%
Insurance Carriers and other activities	-1.6%	-2.4%	1.0%	3.6%	3.9%	0.3%	5.6%	6.7%	0.7%	4.3%	3.1%	3.9%
Funds, trusts, and other financial vehicles	-3.6%	-4.9%	-18.1%	4.1%	-22.9%	27.8%	50.9%	32.4%	43.4%	27.2%	18.0%	13.5%
Real estate and rental and leasing	-4.7%	-8.4%	-1.2%	1.9%	4.8%	2.8%	5.1%	7.1%	2.2%	4.6%	4.5%	5.2%
Real estate	-4.8%	-8.0%	-0.5%	1.5%	5.0%	3.7%	4.9%	8.6%	3.1%	4.9%	4.5%	5.5%
Rental and leasing services	-4.2%	-10.0%	-3.0%	3.8%	4.4%	0.7%	5.7%	3.3%	-0.5%	3.7%	5.3%	4.3%
Lessors of nonfinancial intangible assets (except copyrighted works)	-6.9%	-4.7%	-4.5%	-4.7%	5.3%	-2.9%	5.4%	-2.3%	1.7%	6.5%	-4.9%	2.5%
Professional, scientific, and technical services	2.7%	-3.8%	1.2%	3.4%	5.5%	1.5%	4.9%	7.0%	2.6%	3.1%	4.7%	4.8%
Management of companies and enterprises	-1.7%	-6.0%	5.6%	5.4%	7.8%	3.4%	5.0%	5.3%	-0.4%	4.4%	3.2%	3.9%
Administrative/ support and waste management services	-2.8%	-9.0%	3.5%	3.4%	4.5%	2.2%	4.5%	6.6%	2.7%	3.6%	3.2%	3.8%
Administrative and support services	-3.0%	-9.5%	3.4%	3.6%	4.7%	2.3%	4.5%	6.7%	2.9%	3.5%	3.0%	3.8%
Waste management and remediation services	1.3%	-3.1%	4.6%	1.4%	1.1%	-0.1%	3.9%	5.8%	1.3%	5.3%	5.7%	3.7%
Educational services	4.2%	4.9%	2.5%	2.1%	2.1%	1.9%	2.7%	3.3%	3.8%	2.0%	1.5%	1.7%
Health care and social assistance	3.3%	4.4%	1.4%	0.9%	2.8%	1.6%	2.3%	5.8%	3.2%	2.6%	2.6%	3.5%
Ambulatory health care services	3.0%	4.6%	2.9%	1.6%	3.0%	1.9%	2.8%	5.9%	3.6%	3.0%	3.0%	3.9%
Hospitals	3.8%	4.9%	-0.7%	1.0%	1.9%	0.7%	1.2%	6.2%	2.2%	2.2%	1.5%	2.4%
Nursing and residential care facilities	2.4%	3.1%	1.1%	-0.1%	-0.2%	1.2%	1.9%	3.7%	3.1%	0.5%	2.6%	2.7%
Social assistance	3.5%	3.3%	1.8%	-2.2%	9.4%	3.6%	4.2%	6.5%	5.5%	4.8%	4.6%	6.8%
Arts, entertainment, and recreation	2.0%	-3.7%	-0.2%	0.2%	3.5%	1.9%	6.6%	5.2%	4.7%	3.0%	3.8%	3.9%
Performing arts, spectator sports, and related industries	2.4%	-2.9%	0.3%	0.0%	3.5%	1.4%	7.0%	6.0%	5.3%	4.0%	5.0%	3.7%
Museums, historical sites, and similar institutions	4.1%	-0.9%	-0.7%	1.5%	3.4%	3.5%	5.9%	5.2%	4.5%	4.0%	3.1%	4.2%
Amusement, gambling, and recreation industries	1.5%	-4.9%	-0.5%	0.1%	3.6%	2.3%	6.3%	4.4%	4.1%	1.8%	2.8%	4.1%
Accommodation and food services	-0.5%	-3.8%	0.7%	2.9%	4.9%	3.8%	5.3%	7.6%	5.3%	4.0%	3.5%	3.7%
Accommodation	1.5%	-8.6%	-0.1%	2.8%	2.2%	2.6%	3.9%	5.1%	2.1%	3.1%	2.9%	4.5%
Food services and drinking places	-1.2%	-2.1%	1.0%	2.9%	5.8%	4.2%	5.7%	8.3%	6.2%	4.2%	3.7%	3.5%
Other services (except public administration)	0.4%	-2.7%	-1.4%	0.6%	2.5%	1.7%	4.7%	4.7%	1.8%	2.3%	3.2%	2.9%
Repair and maintenance	-2.8%	-5.5%	-2.0%	3.1%	2.4%	2.3%	3.9%	6.5%	2.8%	2.4%	2.3%	3.9%
Personal and laundry services	-2.8%	-4.8%	-0.7%	1.5%	2.6%	2.7%	5.1%	7.0%	4.3%	6.0%	2.0%	2.3%
Religious, grantmaking, civic, professional, and similar organizations	2.9%	0.6%	0.5%	-1.3%	2.6%	0.5%	3.7%	3.5%	1.8%	2.6%	2.4%	2.7%
Private households	1.9%	-9.8%	-13.4%	4.8%	2.6%	5.5%	12.8%	2.5%	-7.0%	-8.2%	15.0%	3.0%

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
Government and government enterprises	2.0%	2.8%	-0.4%	-2.3%	-1.6%	-0.5%	0.9%	3.0%	1.4%	1.2%	1.9%	1.9%
Federal, civilian	0.4%	5.0%	5.3%	-1.1%	-2.9%	-3.6%	1.2%	3.4%	0.9%	1.1%	1.6%	0.3%
Military	4.7%	5.6%	-0.4%	-3.5%	-3.3%	-3.6%	-3.7%	-1.1%	-0.5%	-1.0%	1.8%	1.8%
State and local	2.1%	1.9%	-1.7%	-2.4%	-1.0%	0.6%	1.4%	3.3%	1.7%	1.5%	2.0%	2.3%
State government	2.4%	1.8%	-1.6%	-0.8%	-0.1%	0.8%	1.8%	3.1%	1.3%	1.8%	1.1%	2.7%
Local government	2.0%	2.0%	-1.8%	-3.0%	-1.4%	0.5%	1.2%	3.4%	1.9%	1.3%	2.3%	2.2%

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.