

The following table shows the contributions of NAICS three-digit nonmanufacturing industries to private nonfarm business multifactor productivity. The Domar weighting scheme applied is based on the relative importance of each industry to total private nonfarm business output. Note that wholesale trade, 42, retail trade, 44-45, and securities, 523, made up the largest share of the total contribution of nonmanufacturing to multifactor productivity from 1987 to 2016. In 2016, retail trade, broadcasting and telecommunications, and real estate (44-45, 515-517, 531) has made up the largest share of the total contribution of nonmanufacturing to multifactor productivity.

Contributions of nonmanufacturing industries to private nonfarm business multifactor productivity

NAICS Code	Industry	1987-2016	1987-1990	1990-1995	1995-2000	2000-2007	2007-2016	2015-2016
113-115	Forestry, Fishing, and Related Activities	0.00	-0.03	-0.01	0.00	0.01	0.00	0.01
211	Oil and Gas Extraction	0.04	-0.03	0.04	-0.08	0.03	0.14	-0.05
212	Mining, except Oil and Gas	0.01	0.05	0.02	0.03	-0.01	-0.01	0.00
213	Support Activities for Mining	0.01	0.02	0.00	0.01	0.03	0.00	-0.03
22	Utilities	0.04	0.11	0.21	-0.14	0.06	0.02	0.07
23	Construction	-0.09	-0.06	-0.01	-0.18	-0.18	-0.02	-0.02
42	Wholesale Trade	0.13	0.11	0.16	0.34	0.13	-0.01	-0.07
44,45	Retail Trade	0.14	0.16	0.20	0.35	0.07	0.05	0.23
481	Air Transportation	0.03	0.00	0.04	0.03	0.05	0.01	0.03
482	Rail Transportation	0.01	0.01	0.03	0.01	0.01	0.00	0.00
483	Water Transportation	0.01	0.01	0.01	0.00	0.02	0.00	-0.01
484	Truck Transportation	0.01	0.02	0.05	0.02	-0.01	0.00	-0.04
485	Transit and Ground Passenger Transportation	0.00	0.00	0.00	0.01	0.00	-0.01	-0.02
486	Pipeline Transportation	0.00	0.00	0.00	0.01	0.01	0.00	-0.01
487,488,492	Other Transportation and Support Activities	-0.01	-0.03	-0.02	0.01	0.01	-0.01	0.02
493	Warehousing and Storage	0.01	0.00	0.02	0.01	0.01	0.00	-0.01
511	Publishing Industries, except internet [includes software]	0.03	0.00	0.02	0.06	0.04	0.03	0.06
512	Motion Picture and Sound Recording Industries	0.01	-0.04	-0.01	0.01	0.01	0.03	0.00
515517	Broadcasting and Telecommunications	0.06	0.10	0.02	-0.09	0.19	0.06	0.20
518519	Information and Data Processing Services	0.00	-0.01	-0.01	-0.08	0.06	0.00	-0.01
521522	Federal Reserve Banks, Credit Intermediation, and Related Activities	-0.06	-0.12	-0.16	0.02	-0.07	-0.03	-0.39
523	Securities, Commodity Contracts, and Investments	0.07	-0.03	0.15	0.20	0.07	-0.01	-0.02
524	Insurance Carriers and Related Activities	0.05	0.04	-0.01	0.10	0.04	0.07	0.03
525	Funds, Trusts, and Other Financial Vehicles	0.01	0.03	-0.03	-0.02	0.01	0.03	-0.08
531	Real Estate	0.03	-0.12	-0.01	-0.09	0.08	0.13	0.16
532533	Rental and Leasing Services and Lessors of Intangible Assets	-0.05	0.01	-0.07	-0.14	-0.05	0.00	0.01
5411	Legal Services	-0.01	0.04	-0.05	0.03	0.01	-0.04	-0.04
5412-5414,5416-5419	Computer Systems Design and Related Services	0.02	0.16	-0.02	0.01	-0.04	0.04	-0.01
5415	Miscellaneous Professional, Scientific, and Technical Services	0.04	0.00	-0.01	0.08	0.05	0.05	0.03
55	Management of Companies and Enterprises	-0.01	0.00	-0.08	0.08	-0.02	0.00	-0.03
561	Administrative and Support Services	0.02	0.00	-0.04	0.01	0.09	0.03	-0.08
562	Waste Management and Remediation Services	0.00	0.00	0.00	0.00	0.00	-0.01	-0.02
61	Educational Services	-0.01	-0.01	0.00	-0.01	0.00	-0.01	-0.01
621	Ambulatory Health Care Services	-0.02	-0.07	-0.11	-0.01	0.01	0.02	0.06
622623	Hospitals and Nursing and Residential Care Facilities	-0.03	-0.05	-0.04	-0.07	-0.02	-0.02	-0.01
624	Social Assistance	0.00	0.00	-0.02	0.01	0.00	0.00	0.00
711712	Performing Arts, Spectator Sports, Museums, and Related Activities	0.00	0.00	0.00	0.01	0.00	0.00	0.01
713	Amusements, Gambling, and Recreation Industries	0.00	0.02	-0.01	0.00	-0.01	0.00	0.00
721	Accommodation	0.02	-0.01	0.03	0.02	0.01	0.02	0.02
722	Food Services and Drinking Places	0.00	0.02	-0.02	0.03	0.02	-0.02	-0.03
81	Other Services, except Government	-0.01	0.01	0.03	0.00	-0.06	-0.02	0.00
	TOTAL Nonmanufacturing Contribution	0.41	0.29	0.22	0.42	0.54	0.45	-0.11
	Private Nonfarm MFP	0.81	0.48	0.44	1.29	1.37	0.45	-0.59

Data are based on results discussed in Multifactor Productivity Trends, 2017

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and 1987-2016 nonmanufacturing multifactor productivity measures published May 16, 2018.

Multifactor Productivity

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