Table B–32. Productivity and related data, business and nonfarm business sectors, 1975–2025

[Index numbers, 2017=100; quarterly data seasonally adjusted]

Year or quarter	Labor productivity (output per hour)		Output [1]		Hours of all persons [2]		Compensation per hour [3]		Real compensation per hour [4]		Unit labor costs		Value-added output price deflator [5]	
	Business sector	Nonfarm business sector	Business sector	Nonfarm business sector	Business sector	Nonfarm business sector	Business sector	Nonfarm business sector	Business sector	Nonfarm business sector	Business sector	Nonfarm business sector	Business sector	Nonfarm business sector
1975	45.258	46.328	26.723	26.653	59.046	57.531	15.891	16.018	66.105	66.630	35.113	34.575	32.178	31.408
1976	46.765	47.940	28.529	28.560	61.006	59.574	17.161	17.264	67.495	67.903	36.696	36.012	33.857	33.120
1977	47.616	48.770	30.162	30.198	63.344	61.920	18.534	18.681	68.448	68.989	38.925	38.305	35.862	35.181
1978	48.185	49.466	32.086	32.225	66.589	65.146	20.093	20.281	69.345	69.994	41.700	41.001	38.342	37.471
1979	48.244	49.360	33.226	33.319	68.871	67.502	22.034	22.209	69.457	70.008	45.672	44.994	41.550	40.603
1980	48.224	49.338	32.925	33.038	68.275	66.962	24.391	24.591	69.143	69.711	50.578	49.843	45.243	44.461
1981	49.250	50.058	33.886	33.790	68.804	67.502	26.682	26.949	69.114	69.805	54.178	53.836	49.415	48.721
1982	48.971	49.647	32.913	32.756	67.209	65.978	28.658	28.913	70.003	70.627	58.520	58.238	52.231	51.728
1983	50.639	51.684	34.658	34.791	68.441	67.314	29.917	30.203	70.085	70.755	59.078	58.438	54.106	53.531
1984	52.084	52.838	37.732	37.731	72.444	71.409	31.240	31.504	70.261	70.855	59.980	59.625	55.636	55.011
1985	53.273	53.754	39.491	39.395	74.130	73.287	32.831	33.037	71.432	71.880	61.629	61.460	57.106	56.689
1986	54.772	55.352	40.926	40.882	74.720	73.858	34.685	34.940	74.210	74.756	63.325	63.123	57.878	57.494
1987	55.069	55.654	42.392	42.365	76.980	76.122	35.984	36.256	74.469	75.032	65.344	65.145	58.970	58.571
1988	55.898	56.569	44.208	44.292	79.087	78.297	37.893	38.117	75.639	76.087	67.790	67.381	60.847	60.365
1989	56.536	57.069	45.900	45.915	81.188	80.455	39.031	39.221	74.684	75.047	69.039	68.726	63.087	62.569
1990	57.647	58.026	46.635	46.606	80.897	80.319	41.458	41.560	75.594	75.779	71.916	71.622	65.182	64.706
1991	58.565	58.975	46.351	46.316	79.145	78.536	43.376	43.533	76.310	76.587	74.064	73.817	67.070	66.723
1992	61.279	61.605	48.313	48.196	78.841	78.233	46.037	46.234	79.025	79.363	75.127	75.049	68.158	67.845
1993	61.340	61.677	49.691	49.682	81.010	80.553	46.712	46.802	78.208	78.359	76.153	75.883	69.732	69.429
1994	61.691	62.103	52.087	51.970	84.432	83.683	47.052	47.260	77.164	77.505	76.271	76.100	70.974	70.714
1995	62.121	62.772	53.688	53.756	86.424	85.637	48.190	48.429	77.169	77.551	77.575	77.150	72.240	71.965
1996	63.641	64.092	56.181	56.171	88.278	87.641	49.911	50.103	77.849	78.147	78.426	78.173	73.376	72.963
1997	65.011	65.329	59.130	59.071	90.954	90.421	51.909	52.050	79.250	79.465	79.848	79.674	74.462	74.227
1998	67.233	67.516	62.383	62.381	92.787	92.394	54.971	55.060	82.801	82.936	81.762	81.551	74.660	74.496
1999	69.971	70.162	65.984	66.009	94.301	94.081	57.627	57.614	85.024	85.006	82.358	82.116	75.075	75.017
2000	72.171	72.256	68.945	68.896	95.530	95.349	61.638	61.656	87.953	87.978	85.405	85.329	76.453	76.473
2001	74.070	74.115	69.359	69.354	93.640	93.577	64.445	64.330	89.409	89.250	87.006	86.799	77.750	77.715
2002	77.206	77.292	70.545	70.524	91.372	91.243	65.881	65.811	89.981	89.885	85.331	85.146	78.325	78.364
2003	80.147	80.143	72.768	72.711	90.793	90.727	68.354	68.261	91.283	91.158	85.286	85.174	79.490	79.439
2004	82.668	82.528	75.964	75.850	91.891	91.908	71.551	71.374	93.068	92.837	86.553	86.484	81.489	81.299
2005	84.514	84.332	78.948	78.818	93.414	93.461	74.140	73.979	93.270	93.068	87.724	87.724	84.018	84.034
2006	85.350	85.163	81.535	81.446	95.531	95.635	76.972	76.814	93.788	93.596	90.185	90.197	86.390	86.479
2007	86.750	86.642	83.268	83.298	95.986	96.141	80.412	80.150	95.272	94.962	92.693	92.507	88.394	88.235
2008	87.941	87.891	82.533	82.557	93.850	93.931	82.906	82.713	94.589	94.368	94.274	94.108	89.700	89.543
2009	91.538	91.425	79.524	79.405	86.875	86.853	83.902	83.752	96.059	95.888	91.657	91.608	89.709	89.814
2010	94.509	94.428	82.078	82.004	86.847	86.843	85.395	85.304	96.209	96.107	90.357	90.338	90.818	90.787
2011	94.340	94.303	83.709	83.697	88.731	88.753	87.047	86.995	95.039	94.982	92.269	92.250	92.862	92.526
2012	95.001	95.075	86.413	86.490	90.960	90.970	89.168	89.043	95.361	95.227	93.860	93.655	94.538	94.177
2013	96.020	95.790	88.793	88.762	92.473	92.663	90.461	90.160	95.301	94.984	94.210	94.122	95.903	95.432
2014	96.754	96.685	91.754	91.783	94.832	94.930	92.682	92.533	96.041	95.886	95.791	95.706	97.307	96.958
2015	97.923	97.930	95.182	95.166	97.200	97.177	95.368	95.393	98.654	98.680	97.390	97.410	97.743	97.637
2016	98.687	98.685	97.148	97.089	98.440	98.383	96.641	96.682	98.696	98.738	97.927	97.971	98.394	98.471
2017	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
2018	101.478	101.372	103.445	103.441	101.938	102.041	103.389	103.362	100.924	100.898	101.883	101.964	102.071	102.138
2019	103.655	103.631	106.529	106.630	102.773	102.894	107.336	107.315	102.909	102.889	103.551	103.556	103.467	103.561
2020	109.102	109.188	103.698	103.757	95.047	95.026	116.019	116.118	109.773	109.867	106.340	106.347	103.870	103.999
2021	111.522	111.460	111.624	111.680	100.091	100.197	121.932	121.927	110.050	110.046	109.334	109.391	109.192	109.036
2022	109.932	109.764	114.351	114.429	104.020	104.250	126.517	126.291	105.641	105.452	115.087	115.057	117.950	117.516
2023	112.193	111.985	117.898	117.995	105.085	105.366	131.715	131.377	105.625	105.353	117.400	117.316	121.874	121.666
2024	115.543	115.320	121.385	121.450	105.056	105.316	138.857	138.553	108.173	107.936	120.178	120.147	124.262	124.159
2025 [p]	118.055	117.734	124.429	124.543	105.399	105.783	145.252	144.768	110.248	109.880	123.037	122.962	127.310	127.188
2022: I	110.279	110.183	113.757	113.815	103.154	103.296	125.098	125.004	107.359	107.278	113.438	113.451	114.778	114.458
II	109.514	109.366	113.723	113.796	103.843	104.050	125.375	125.162	105.052	104.874	114.483	114.442	117.841	117.378
III	109.600	109.422	114.527	114.617	104.495	104.747	127.623	127.376	105.529	105.325	116.444	116.407	119.055	118.582
IV	110.282	110.035	115.396	115.488	104.637	104.956	127.877	127.528	104.682	104.396	115.954	115.898	120.088	119.607
2023: I	110.591	110.269	116.291	116.306	105.154	105.475	128.904	128.509	104.581	104.260	116.560	116.541	121.045	120.702
II	111.535	111.362	117.068	117.151	104.960	105.198	130.814	130.547	105.354	105.140	117.284	117.228	121.466	121.221
III	112.900	112.738	118.589	118.721	105.039	105.307	132.867	132.542	106.092	105.832	117.686	117.567	122.328	122.151
IV	114.002	113.832	119.644	119.801	104.949	105.244	134.600	134.237	106.734	106.446	118.069	117.926	122.630	122.557
2024: I	114.131	113.902	119.771	119.862	104.942	105.232	136.487	136.144	107.247	106.977	119.588	119.527	123.455	123.377
II	115.208	114.947	121.000	121.038	105.028	105.299	138.073	137.752	107.764	107.514	119.847	119.840	124.090	124.060
III	116.115	115.989	122.123	122.190	105.174	105.346	139.564	139.381	108.552	108.410	120.195	120.168	124.422	124.328
IV	116.671	116.394	122.646	122.712	105.121	105.428	141.242	140.869	109.034	108.745	121.060	121.028	125.062	124.852
2025: I	116.377	116.127	122.305	122.436	105.094	105.433	143.454	143.029	109.724	109.399	123.267	123.166	126.128	125.850
II	117.655	117.319	123.848	123.993	105.264	105.689	143.975	143.440	109.673	109.265	122.371	122.265	126.545	126.412
III	119.153	118.814	125.513	125.633	105.338	105.739	146.114	145.624	110.459	110.088	122.628	122.564	127.764	127.678
IV [p]	119.690	119.338	126.053	126.112	105.316	105.677	148.329	147.855	111.439	111.082	123.927	123.896	128.752	128.759

[1] Output refers to real gross domestic product in the sector.

[2] Hours at work of all persons engaged in sector, including hours of employees, proprietors, and unpaid family workers. Estimates based primarily on establishment data.

[3] Wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. Also includes an estimate of wages, salaries, and supplemental payments for the self-employed.

[4] Hourly compensation divided by consumer price series. The trend for 1978-2024 is based on the consumer price index retroactive series (CPI-U-RS). The change for prior years and recent quarters is based on the consumer price index for all urban consumers (CPI-U).

[5] Current dollar output divided by the output index.

Source: Department of Labor (Bureau of Labor Statistics).

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