

TABLE B-5. Chain-type price indexes for gross domestic product, 1972-2022
[Index numbers, 2012=100, except as noted; quarterly data seasonally adjusted]

Year or quarter	Gross domestic product	Personal consumption expenditures			Gross private domestic investment						
		Total	Goods	Services	Total	Fixed investment					Residential
						Total	Nonresidential			Intel-lectual property products	
							Total	Structures	Equipment		
1972	23.745	22.542	33.926	17.441	32.388	31.420	39.297	13.674	64.686	40.490	17.975
1973	25.045	23.756	35.949	18.284	34.153	33.169	40.882	14.734	65.780	42.494	19.571
1974	27.292	26.229	40.436	19.833	37.559	36.449	44.857	16.770	70.713	46.461	21.593
1975	29.827	28.415	43.703	21.533	42.059	40.874	50.766	18.773	81.484	50.190	23.590
1976	31.469	29.974	45.413	23.027	44.384	43.232	53.562	19.692	86.486	52.408	25.117
1977	33.424	31.923	47.837	24.770	47.655	46.550	57.111	21.401	91.800	54.709	27.683
1978	35.775	34.145	50.773	26.674	51.517	50.444	60.930	23.468	96.900	57.557	31.082
1979	38.741	37.178	55.574	28.911	56.141	54.977	65.830	26.194	103.167	61.382	34.593
1980	42.251	41.182	61.797	31.918	61.395	60.105	71.641	28.629	112.249	66.123	38.325
1981	46.240	44.871	66.389	35.187	67.123	65.624	78.453	32.566	120.463	71.058	41.425
1982	49.099	47.363	68.198	37.949	70.679	69.311	82.911	35.136	125.415	75.093	43.646
1983	51.018	49.378	69.429	40.280	70.896	69.575	82.774	34.241	125.776	77.898	44.680
1984	52.860	51.243	70.742	42.376	71.661	70.253	83.036	34.540	124.748	80.081	46.003
1985	54.533	53.031	71.877	44.450	72.948	71.277	83.893	35.361	124.748	81.413	47.267
1986	55.638	54.184	71.541	46.276	74.178	73.021	85.365	36.039	127.254	82.047	49.351
1987	57.004	55.855	73.842	47.660	75.723	74.506	86.339	36.618	128.083	83.518	51.486
1988	59.018	58.038	75.788	49.939	77.627	76.586	88.514	38.171	129.854	86.129	53.278
1989	61.331	60.572	78.704	52.293	79.606	78.561	90.572	39.666	132.337	87.240	55.020
1990	63.636	63.231	81.927	54.690	81.270	80.278	92.516	40.948	135.042	88.147	56.288
1991	65.777	65.345	83.930	56.829	82.648	81.683	94.267	41.689	137.330	90.271	57.021
1992	67.278	67.087	84.943	58.850	82.647	81.728	93.960	41.699	137.121	89.373	57.723
1993	68.874	68.758	85.681	60.885	83.627	82.711	94.161	42.922	135.518	89.998	60.074
1994	70.342	70.193	86.552	62.540	84.875	83.983	94.904	44.437	135.277	90.468	62.247
1995	71.819	71.671	87.361	64.288	86.240	85.378	95.849	46.362	133.796	93.134	64.473
1996	73.132	73.204	88.321	66.051	86.191	85.450	95.267	47.540	130.762	93.544	65.856
1997	74.399	74.478	88.219	67.914	86.241	85.599	94.735	49.355	127.156	94.052	67.444
1998	75.219	75.070	86.893	69.351	85.608	85.133	93.248	51.612	121.451	93.595	69.223
1999	76.272	76.164	87.349	70.731	85.690	85.277	92.314	53.198	116.763	95.105	71.816
2000	78.016	78.090	89.082	72.740	86.815	86.486	92.718	55.283	114.224	97.814	75.004
2001	79.814	79.656	89.015	75.063	87.555	87.241	92.346	58.178	110.858	97.684	78.564
2002	81.013	80.702	88.166	77.004	87.841	87.500	91.863	60.603	108.531	96.376	80.510
2003	82.635	82.398	88.054	79.574	88.561	88.265	91.156	62.769	105.725	95.647	84.325
2004	84.842	84.443	89.292	82.018	91.148	90.843	92.055	67.416	104.841	95.335	90.243
2005	87.490	86.876	91.084	84.774	94.839	94.597	94.443	75.733	104.598	95.952	96.706
2006	90.212	89.322	92.306	87.844	98.176	97.958	96.745	84.749	103.560	97.088	102.355
2007	92.653	91.614	93.331	90.786	99.656	99.456	98.310	89.748	103.191	98.284	103.708
2008	94.397	94.325	96.122	93.458	100.474	100.296	99.832	94.335	102.542	99.834	102.249
2009	95.019	94.062	93.812	94.182	99.331	99.076	99.184	92.613	103.169	98.589	98.671
2010	96.164	95.747	95.183	96.017	97.687	97.568	97.416	92.006	99.471	98.306	98.317
2011	98.157	98.170	98.773	97.875	98.704	98.641	98.559	95.362	99.447	99.517	99.049
2012	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
2013	101.769	101.354	99.407	102.322	100.979	101.091	100.251	101.455	99.787	100.081	105.054
2014	103.662	102.887	98.920	104.880	102.922	103.172	101.469	107.198	99.169	100.791	111.118
2015	104.662	103.116	95.896	106.796	103.535	104.075	101.909	109.403	98.671	101.374	114.114
2016	105.703	104.148	94.332	109.197	103.516	104.202	101.119	109.670	97.592	100.302	118.127
2017	107.743	106.054	94.621	111.966	105.243	105.939	101.992	112.411	97.579	101.202	123.454
2018	110.344	108.317	95.334	115.070	107.191	107.932	102.824	114.116	97.711	102.423	130.417
2019	112.303	109.933	94.948	117.791	108.918	109.698	104.155	118.805	97.841	103.327	134.144
2020	113.814	111.145	94.237	120.133	110.342	111.179	104.948	120.380	97.340	105.183	138.622
2021	118.924	115.621	98.824	124.458	114.329	115.608	106.688	125.276	97.726	106.913	153.963
2022 P	127.225	122.857	107.331	130.733	123.676	125.389	113.639	145.767	103.783	109.469	175.521
2019: I	111.560	109.188	94.785	116.721	108.426	109.189	103.802	116.992	98.154	102.943	132.927
II	112.184	109.857	95.216	117.519	108.978	109.733	104.321	118.629	98.069	103.596	133.581
III	112.558	110.144	94.877	118.159	109.156	109.942	104.347	119.483	97.674	103.689	134.623
IV	112.910	110.543	94.913	118.765	109.114	109.929	104.150	120.115	97.465	103.079	135.445
2020: I	113.427	110.946	94.727	119.509	109.613	110.357	104.481	120.717	97.694	103.447	136.277
II	113.053	110.445	93.416	119.511	109.899	110.832	104.994	120.425	97.735	104.891	136.613
III	114.032	111.366	94.345	120.416	110.562	111.401	104.978	120.434	97.151	105.445	139.674
IV	114.744	111.821	94.461	121.095	111.293	112.125	105.338	119.946	96.779	106.950	141.926
2021: I	116.199	113.059	95.803	122.248	112.200	113.107	105.513	120.332	97.641	106.220	146.120
II	117.974	114.838	97.882	123.791	112.977	114.265	105.612	122.702	96.560	106.556	151.487
III	119.763	116.413	99.688	125.185	114.847	116.290	108.818	125.729	97.577	107.156	156.862
IV	121.758	118.173	101.923	126.607	117.292	118.771	108.811	132.340	99.125	107.721	161.384
2022: I	124.209	120.323	104.987	128.126	120.103	121.640	110.646	137.535	100.963	108.238	168.513
II	126.914	122.459	107.670	129.875	122.982	124.647	112.932	143.194	103.211	109.282	174.587
III	128.276	123.760	108.402	131.516	125.266	126.981	115.006	149.909	104.707	110.267	178.040
IV P	129.502	124.888	108.266	133.418	126.353	128.287	115.972	152.430	106.252	110.090	180.945

See next page for continuation of table.

TABLE B-5. Chain-type price indexes for gross domestic product, 1972-2022—Continued
[Index numbers, 2012=100, except as noted; quarterly data seasonally adjusted]

Year or quarter	Exports and imports of goods and services		Government consumption expenditures and gross investment				Final sales of domestic product	Personal consumption expenditures excluding food and energy	Gross domestic purchases ¹	Percent change ²				
	Exports	Imports	Total	Federal						State and local	Gross domestic product	Personal consumption expenditures		Gross domestic purchases ¹
				Total	National defense	Non-defense						Total	Excluding food and energy	
1972	32.187	22.593	18.664	22.488	21.883	23.589	16.163	23.609	23.856	23.147	4.3	3.4	3.2	4.5
1973	36.430	26.520	19.938	24.054	23.484	25.028	17.246	24.907	24.764	24.469	5.5	5.4	3.8	5.7
1974	44.865	37.942	21.854	25.975	25.404	26.916	19.158	27.136	26.726	26.954	9.0	10.4	7.9	10.2
1975	49.453	41.100	23.872	28.258	27.545	29.497	21.000	29.661	28.958	29.417	9.3	8.3	8.4	9.1
1976	51.076	42.338	25.183	30.016	29.345	31.137	22.025	31.305	30.718	31.033	5.5	5.5	6.1	5.5
1977	53.158	46.068	26.742	31.863	31.268	32.796	23.395	33.262	32.694	33.079	6.2	6.5	6.4	6.6
1978	56.391	49.315	28.510	34.012	33.561	34.627	24.915	35.614	34.861	35.431	7.0	7.0	6.6	7.1
1979	63.184	57.753	30.856	36.571	36.216	36.968	27.115	38.566	37.403	38.539	8.3	8.9	7.3	8.8
1980	69.594	71.945	34.048	40.104	39.919	40.124	30.082	42.056	40.840	42.551	9.1	10.8	9.2	10.4
1981	74.748	75.834	37.428	43.849	43.747	43.662	33.228	46.016	44.419	46.476	9.4	9.0	8.8	9.2
1982	75.104	73.281	39.973	46.950	47.039	46.309	35.403	48.889	47.306	49.154	6.2	5.6	6.5	5.8
1983	75.410	70.535	41.520	48.506	48.778	47.418	36.966	50.803	49.727	50.864	3.9	4.3	5.1	3.5
1984	76.116	69.925	43.322	50.644	51.013	49.300	38.546	52.637	51.789	52.585	3.6	3.8	4.1	3.4
1985	73.850	67.628	44.663	51.719	51.872	50.929	40.115	54.335	53.893	54.149	3.2	3.5	4.1	3.0
1986	72.618	67.627	45.413	51.964	51.894	51.770	41.271	55.456	55.752	55.278	2.0	2.2	3.4	2.1
1987	74.222	71.715	46.640	52.325	52.267	52.099	43.198	56.814	57.548	56.839	2.5	3.1	3.2	2.8
1988	78.022	75.146	48.181	54.033	53.904	53.997	44.642	58.851	59.994	58.850	3.5	3.9	4.3	3.5
1989	79.315	76.789	50.021	55.542	55.365	55.629	46.754	61.165	62.484	61.166	3.9	4.4	4.2	3.9
1990	79.762	78.991	52.118	57.258	57.162	57.118	49.156	63.477	65.016	63.586	3.8	4.4	4.1	4.0
1991	80.651	78.332	54.010	59.317	58.964	59.813	50.955	65.621	67.338	65.583	3.4	3.3	3.6	3.1
1992	80.259	78.396	55.647	60.832	60.678	60.851	52.692	67.125	69.384	67.108	2.3	2.7	3.0	2.3
1993	80.391	77.795	56.958	62.159	61.615	63.021	54.004	68.722	71.269	68.623	2.4	2.5	2.7	2.3
1994	81.325	78.526	58.468	63.870	63.229	64.926	55.397	70.194	72.864	70.062	2.1	2.1	2.2	2.1
1995	83.143	80.677	60.128	65.647	65.027	67.252	56.874	71.676	74.451	71.575	2.1	2.1	2.2	2.2
1996	82.039	79.271	61.361	66.946	66.114	68.373	58.180	73.009	75.863	72.820	1.8	2.1	1.9	1.7
1997	80.593	76.516	62.566	67.981	67.035	69.621	59.474	74.297	77.201	73.893	1.7	1.7	1.8	1.5
1998	78.685	72.396	63.630	68.850	67.871	70.548	60.633	75.152	78.183	74.386	1.1	.8	1.3	.7
1999	78.091	72.827	65.753	70.532	69.559	72.218	62.963	76.221	79.210	75.518	1.4	1.5	1.3	1.5
2000	79.592	76.013	68.577	72.898	71.908	74.616	65.989	77.983	80.625	77.480	2.3	2.5	1.8	2.6
2001	78.968	74.046	70.558	74.249	73.270	75.947	68.258	79.785	82.153	78.987	2.3	2.0	1.9	1.9
2002	78.287	73.164	72.386	76.648	75.714	78.272	69.792	80.978	83.526	80.070	1.5	1.3	1.7	1.4
2003	79.531	75.377	75.044	80.025	79.505	80.946	72.063	82.609	84.874	81.807	2.0	2.1	1.6	2.2
2004	82.435	78.971	78.169	82.777	82.263	83.689	75.382	84.814	86.544	84.151	2.7	2.5	2.0	2.9
2005	85.289	83.618	82.132	86.222	86.011	86.586	79.631	87.470	88.440	87.083	3.1	2.9	2.2	3.5
2006	88.006	86.854	85.695	88.969	89.022	88.858	83.659	90.195	90.558	89.885	3.1	2.8	2.4	3.2
2007	91.328	89.887	89.530	91.609	91.750	91.340	88.181	92.645	92.578	92.327	2.7	2.6	2.2	2.7
2008	95.493	98.795	93.334	94.397	94.801	93.647	92.590	94.392	94.393	94.947	1.9	3.0	2.0	2.8
2009	89.803	87.854	92.921	94.193	94.126	94.308	92.045	94.990	95.270	94.534	.7	-3.9	.9	-4.5
2010	93.350	92.655	95.391	96.425	96.128	96.951	94.674	96.142	96.651	95.951	1.2	1.8	1.4	1.5
2011	99.237	99.716	98.289	99.069	98.946	99.284	97.747	98.146	98.184	98.272	2.1	2.5	1.6	2.4
2012	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	1.9	1.9	1.8	1.8
2013	100.148	98.697	102.363	100.933	100.609	101.482	103.332	101.791	101.535	101.478	1.8	1.4	1.5	1.5
2014	100.216	97.961	104.470	102.643	102.056	103.621	105.698	103.707	103.187	103.181	1.9	1.5	1.6	1.7
2015	95.373	90.144	104.638	103.143	102.334	104.466	105.656	104.760	104.487	103.464	1.0	2	1.3	.3
2016	93.458	87.058	104.899	103.695	102.650	105.370	105.739	105.832	106.138	104.187	1.0	1.0	1.6	.7
2017	95.903	88.980	107.353	105.592	104.260	107.697	108.534	107.875	107.938	106.155	1.9	1.8	1.7	1.9
2018	99.142	91.408	111.303	108.662	107.147	111.044	113.028	110.486	110.095	108.645	2.4	2.1	2.0	2.3
2019	98.632	89.972	113.192	110.639	108.903	113.360	114.864	112.453	111.973	110.326	1.8	1.5	1.7	1.5
2020	96.278	88.010	115.329	111.898	110.148	114.640	117.568	113.975	113.464	111.733	1.3	1.1	1.3	1.3
2021 ^p	107.304	94.481	121.436	115.724	114.240	118.111	125.206	119.165	117.388	116.403	4.5	4.0	3.5	4.2
2022 ^p	117.425	101.571	130.552	121.463	120.206	123.579	136.568	127.532	123.280	124.323	7.0	6.3	5.0	6.8
2019: I	98.435	90.138	112.763	110.943	108.341	115.011	113.974	111.706	111.230	109.678	1.5	.8	1.5	1.1
II	99.284	90.641	112.997	110.205	108.704	112.555	114.817	112.330	111.808	110.254	2.3	2.5	2.1	2.1
III	98.690	89.702	113.287	110.480	109.041	112.740	115.118	112.709	112.555	111.052	1.3	1.0	1.6	1.0
IV	98.357	89.406	113.719	110.926	109.525	113.133	115.545	113.068	112.597	110.850	1.3	1.5	1.2	1.2
2020: I	97.908	89.139	114.613	111.301	109.788	113.693	116.772	113.570	113.119	111.354	1.8	1.5	1.9	1.8
II	93.295	86.295	114.609	111.393	109.496	114.338	116.705	113.231	112.846	111.075	-1.3	-1.8	-1.0	-1.0
III	96.228	87.998	115.515	112.109	110.314	114.926	117.738	114.193	113.729	111.948	3.5	3.4	3.2	3.2
IV	97.680	88.608	116.580	112.788	110.993	115.605	119.056	114.905	114.163	112.555	2.5	1.6	1.5	2.2
2021: I	102.334	91.336	118.549	113.922	112.410	116.345	121.585	116.375	115.072	113.859	5.2	4.5	3.2	4.7
II	106.803	94.102	120.505	115.079	113.612	117.444	124.087	118.217	116.774	115.498	6.3	6.4	6.0	5.9
III	109.210	95.510	122.268	116.325	114.838	118.718	126.195	120.035	118.152	117.155	6.2	5.6	4.8	5.9
IV	110.868	96.977	124.423	117.568	116.100	119.938	128.957	122.034	119.555	119.101	6.8	6.2	4.8	6.8
2022: I	115.384	100.107	127.043	119.203	117.965	121.279	132.234	124.489	121.260	121.447	8.3	7.5	5.6	8.1
II	120.763	103.266	130.566	120.951	120.108	122.515	136.930	127.215	122.592	123.940	9.0	7.3	4.7	8.5
III	117.722	102.190	131.727	122.383	120.925	124.771	137.914	128.579	123.997	125.391	4.4	4.3	4.7	4.8
IV ^p	115.830	100.719	132.870	123.316	121.826	125.752	139.195	129.845	125.324	126.515	3.9	3.7	4.3	3.6

¹ Gross domestic product (GDP) less exports of goods and services plus imports of goods and services.

² Quarterly percent changes are at annual rates.

Source: Department of Commerce (Bureau of Economic Analysis).