

BLS Series ID	State	Regional Center Name	2015 Computed Regional Multiplier	Latitude	Longitude	Index Area (2018)	Index Area (1998)	Title (2018)	Title (1998)	Publication Cycle (2018)		Regional multiplier 5/15/18	Regional multiplier 4/19/19
0000	NA	NATIONAL	1	0	0	0000	0000	U.S. city average	U.S. city average	Monthly		1	1
A427	AK	Anchorage	1.105	61.16792	-149.847	S49G	A427	Urban Alaska	Anchorage, AK	Even Months		1.19	1.21
A319	GA	Atlanta	0.928	33.8241	-84.3319	S35C	A319	Atlanta-Sandy Springs-Roswell, GA	Atlanta, GA	Even Months		0.92	0.91
A103	MA	Boston	1.132	42.37313	-71.1407	S11A	A103	Boston-Cambridge-Newton, MA-NH	Boston-Brockton-Nashua, MA-NH-M	Odd Months		1.15	1.2
A207	IL	Chicago	1.075	41.82713	-87.8954	S23A	A207	Chicago-Naperville-Elgin, IL-IN-WI	Chicago-Gary-Kenosha, IL-IN-WI	Monthly		1.06	1.05
A213	OH	Cincinnati	0.979	39.18551	-84.462		A213		Cincinnati-Hamilton, OH-KY-IN	Discontinued			
A210	OH	Cleveland	0.93	41.44364	-81.6054		A210		Cleveland-Akron, OH	Discontinued			
A316	TX	Dallas	0.861	36.06054	-102.515	S37A	A316	Dallas-Fort Worth-Arlington, TX	Dallas-Fort Worth, TX	Odd Months		0.84	0.85
A433	CO	Denver	0.98	39.71077	-104.955	S48B	A433	Denver-Aurora-Lakewood, CO	Denver-Boulder-Greeley, CO	Odd Months		0.99	0.99
A208	MI	Detroit	1.018	42.48975	-83.2272	S23B	A208	Detroit-Warren-Dearborn, MI	Detroit-Ann Arbor-Flint, MI	Even Months		1.02	1.01
A426	HI	Honolulu	1.312	21.36456	-157.94	S49F	A426	Urban Hawaii	Honolulu, HI	Odd Months		1.2	1.25
A318	TX	Houston	0.886	29.78431	-95.3935	S37B	A318	Houston-The Woodlands-Sugar Land	Houston-Galveston-Brazoria, TX	Even Months		0.85	0.87
A421	CA	Los Angeles	1.141	33.98267	-118.104		A421		Los Angeles-Riverside-Orange Coun	Discontinued-Split	* see below		
A320	FL	Miami	0.878	26.17562	-80.2314	S35B	A320	Miami-Fort Lauderdale-West Palm B	Miami-Fort Lauderdale, FL	Even Months		0.87	0.87
A212	WI	Milwaukee	0.982	43.05567	-88.1005		A212		Milwaukee-Racine, WI	Discontinued			
A211	MN	Minneapolis	1.006	44.97816	-93.2798	S24A	A211	Minneapolis-St.Paul-Bloomington, M	Minneapolis-St. Paul, MN-WI	Odd Months		1.01	1.01
A101	NY	New York	1.158	40.71836	-73.9702	S12A	A101	New York-Newark-Jersey City, NY-N	New York-Northern New Jersey-Lor	Monthly		1.12	1.13
A102	PA	Philadelphia	1.121	39.97333	-75.2982	S12B	A102	Philadelphia-Camden-Wilmington, P	Philadelphia-Wilmington-Atlantic C	Even Months		1.09	1.08
A104	PA	Pittsburgh	1.04	40.45696	-79.951		A104		Pittsburgh, PA	Discontinued			
A425	OR	Portland	1.053	45.5204	-122.651		A425		Portland-Salem, OR-WA	Discontinued			
A424	CA	San Diego	1.084	32.92873	-117.129	S49E	A424	San Diego-Carlsbad, CA	San Diego, CA	Odd Months		1.16	1.21
A422	CA	San Francisco	1.202	37.69012	-122.128	S49B	A422	San Francisco-Oakland-Hayward, CA	San Francisco-Oakland-San Jose, CA	Even Months		1.32	1.33
A423	WA	Seattle	1.049	47.46841	-122.275	S49D	A423	Seattle-Tacoma-Bellevue, WA	Seattle-Tacoma-Bremerton, WA	Even Months		1.09	1.09
A311	DC	Washington	0.979	38.89739	-77.1897		A311		Washington-Baltimore, DC-MD-VA-	Discontinued-Split	** see below		
						*	S49C		Riverside-San Bernardino-Ontario, CA	Odd Months			
						*	S49A		Los Angeles-Long Beach-Anaheim, CA	Monthly		1.15	1.18
						**	S35A		Washington-Arlington-Alexandria, DC-VA-MD-WV	Odd Months			
						**	S35E		Baltimore-Columbia-Towson, MD	Even Months			
						Not used	S48A	A429	Phoenix-Mesa-Scottsdale, AZ	Even Months			
						Not used	S35D	A321	Tampa-St. Petersburg-Clearwater, F	Odd Months			
						Not used	S24B	A209	St. Louis, MO-IL	Even Months			

Legend:
BLS = Bureau of Labor Statistics

BLSeriesI	State	blsCity	regionalFactor	latitude	longitude	GEOID	blsReadyMixConcID	blsTractorShovelLoadersID	blsEnergyID	blsFuelsUtilitiesID	regModel2014Index	c0_intercept	c1_readyMix	c2_tractorShovel	c3_energy	c4_fuelUtils
0	NA	NATIONAL	1	0	0	-1	PCU327320327320	PCU33312033312014	CUUS0000SA0E	CUUS0000SAH2	205.3048894	-19.4284	0.113389	0.325493	0.096662	0.398318
A427	AK	Anchorage	1	61.2181	-149.9003	2305	PCU327320327320	PCU33312033312014	CUUSA427SA0E	CUUSA427SAH2	226.7835622	-19.4284	0.113389	0.325493	0.096662	0.398318
A319	GA	Atlanta	1	33.749	-84.388	3817	PCU327320327320	PCU33312033312014	CUUSA319SA0E	CUUSA319SAH2	229.417366	-19.4284	0.113389	0.304932	0.096662	0.283199
A103	MA	Boston	1	42.3601	-71.0589	9271	PCU327320327320	PCU33312033312014	CUUSA103SA0E	CUUSA103SAH2	216.5301231	-19.4284	0.113389	0.325493	0.096662	0.4592194
A207	IL	Chicago	1	41.8781	-87.6298	16264	PCU327320327320	PCU33312033312014	CUUSA207SA0E	CUUSA207SAH2	193.9052141	-19.4284	0.113389	0.396454	0.096662	0.44202
A213	OH	Cincinnati	1	39.1031	-84.512	16885	PCU327320327320	PCU33312033312014	CUUSA213SA0E	CUUSA213SAH2	200.9823586	-19.4284	0.113389	0.325493	0.096662	0.398318
A210	OH	Cleveland	1	41.4993	-81.6944	17668	PCU327320327320	PCU33312033312014	CUUSA210SA0E	CUUSA210SAH2	191.0175351	-19.4284	0.113389	0.325493	0.096662	0.398318
A316	TX	Dallas	1	32.7767	-96.797	21988	PCU327320327320	PCU33312033312014	CUUSA316SA0E	CUUSA316SAH2	205.7769973	-19.4284	0.113389	0.264	0.096662	0.3392
A433	CO	Denver	1	39.7392	-104.9903	23527	PCU327320327320	PCU33312033312014	CUUSA433SA0E	CUUSA433SAH2	201.125973	-19.4284	0.113389	0.325493	0.096662	0.398318
A208	MI	Detroit	1	42.3314	-83.0458	23824	PCU327320327320	PCU33312033312014	CUUSA208SA0E	CUUSA208SAH2	209.0531332	-19.4284	0.113389	0.325493	0.096662	0.398318
A426	HI	Honolulu	1	21.3069	-157.8583	89770	PCU327320327320	PCU33312033312014	CUUSA426SA0E	CUUSA426SAH2	269.3302901	-19.4284	0.113389	0.325493	0.096662	0.398318
A318	TX	Houston	1	29.7604	-95.3698	40429	PCU327320327320	PCU33312033312014	CUUSA318SA0E	CUUSA318SAH2	181.8025875	-19.4284	0.113389	0.325493	0.096662	0.398318
A421	CA	Los Angeles	1	34.0522	-118.2437	51445	PCU327320327320	PCU33312033312014	CUUSA421SA0E	CUUSA421SAH2	234.2691355	-19.4284	0.113389	0.325493	0.096662	0.398318
A320	FL	Miami	1	25.7617	-80.1918	56602	PCU327320327320	PCU33312033312014	CUUSA320SA0E	CUUSA320SAH2	180.237286	-19.4284	0.113389	0.325493	0.096662	0.398318
A212	WI	Milwaukee	1	43.0389	-87.9065	57466	PCU327320327320	PCU33312033312014	CUUSA212SA0E	CUUSA212SAH2	201.6221956	-19.4284	0.113389	0.325493	0.096662	0.398318
A211	MN	Minneapolis	1	44.9778	-93.265	57628	PCU327320327320	PCU33312033312014	CUUSA211SA0E	CUUSA211SAH2	193.9197203	-19.4284	0.113389	0.357176	0.096662	0.421136472
A101	NY	New York	1	40.7128	-74.006	63217	PCU327320327320	PCU33312033312014	CUUSA101SA0E	CUUSA101SAH2	192.0815131	-19.4284	0.113389	0.4395572	0.096662	0.4831199
A102	PA	Philadelphia	1	39.9526	-75.1652	69076	PCU327320327320	PCU33312033312014	CUUSA102SA0E	CUUSA102SAH2	196.349605	-19.4284	0.113389	0.40557176	0.096662	0.462920184
A104	PA	Pittsburgh	1	40.4406	-79.9959	69697	PCU327320327320	PCU33312033312014	CUUSA104SA0E	CUUSA104SAH2	213.5812894	-19.4284	0.113389	0.325493	0.096662	0.398318
A425	OR	Portland	1	45.5231	-122.6765	71317	PCU327320327320	PCU33312033312014	CUUSA425SA0E	CUUSA425SAH2	216.1105637	-19.4284	0.113389	0.325493	0.096662	0.398318
A424	CA	San Diego	1	32.7157	-117.1611	78661	PCU327320327320	PCU33312033312014	CUUSA424SA0E	CUUSA424SAH2	222.5492038	-19.4284	0.113389	0.325493	0.096662	0.398318
A422	CA	San Francisco	1	37.7749	-122.4194	78904	PCU327320327320	PCU33312033312014	CUUSA422SA0E	CUUSA422SAH2	246.7701289	-19.4284	0.113389	0.325493	0.096662	0.398318
A423	WA	Seattle	1	47.6062	-122.3321	80389	PCU327320327320	PCU33312033312014	CUUSA423SA0E	CUUSA423SAH2	215.314024	-19.4284	0.113389	0.325493	0.096662	0.398318
A311	DC	Washington	1	38.9072	-77.0369	92242	PCU327320327320	PCU33312033312014	CUUSA311SA0E	CUUSA311SAH2	183.9537619	-19.4284	0.113389	0.36493239	0.096662	0.45178684

Legend:

BLS = Bureau of Labor Statistics

RegModel = Regional Model

BLS Series ID	State	Regional Center Name	Latitude	Longitude	Index Area (1998)	Title (2018)	Regional multiplier	Inflation multiplier	Regional multiplier X Inflation multiplier
0000	NA	NATIONAL	0	0	0000	U.S. city average	1	1.01	1.01
A427	AK	Anchorage	61.16792	-149.847	A427	Urban Alaska	1.19	1.1	1.31
A319	GA	Atlanta	33.8241	-84.3319	A319	Atlanta-Sandy Springs-Roswell, GA	0.92	0.83	0.76
A103	MA	Boston	42.37313	-71.1407	A103	Boston-Cambridge-Newton, MA-NH	1.15	1.11	1.28
A207	IL	Chicago	41.82713	-87.8954	A207	Chicago-Naperville-Elgin, IL-IN-WI	1.06	1.14	1.21
A213	OH	Cincinnati	39.18551	-84.462	A213				
A210	OH	Cleveland	41.44364	-81.6054	A210				
A316	TX	Dallas	36.06054	-102.515	A316	Dallas-Fort Worth-Arlington, TX	0.84	0.85	0.71
A433	CO	Denver	39.71077	-104.955	A433	Denver-Aurora-Lakewood, CO	0.99	1.02	1.01
A208	MI	Detroit	42.48975	-83.2272	A208	Detroit-Warren-Dearborn, MI	1.02	1.01	1.03
A426	HI	Honolulu	21.36456	-157.94	A426	Urban Hawaii	1.2	0.93	1.12
A318	TX	Houston	29.78431	-95.3935	A318	Houston-The Woodlands-Sugar Land, TX	0.85	0.97	0.82
A421	CA	Los Angeles	33.98267	-118.104	A421				
A320	FL	Miami	26.17562	-80.2314	A320	Miami-Fort Lauderdale-West Palm Beach, FL	0.87	1.01	0.88
A212	WI	Milwaukee	43.05567	-88.1005	A212				
A211	MN	Minneapolis	44.97816	-93.2798	A211	Minneapolis-St.Paul-Bloomington, MN-WI	1.01	1.09	1.10
A101	NY	New York	40.71836	-73.9702	A101	New York-Newark-Jersey City, NY-NJ-PA	1.12	1.21	1.36
A102	PA	Philadelphia	39.97333	-75.2982	A102	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	1.09	1.15	1.25
A104	PA	Pittsburgh	40.45696	-79.951	A104				
A425	OR	Portland	45.5204	-122.651	A425				
A424	CA	San Diego	32.92873	-117.129	A424	San Diego-Carlsbad, CA	1.16	1.09	1.26
A422	CA	San Francisco	37.69012	-122.128	A422	San Francisco-Oakland-Hayward, CA	1.32	1.11	1.47
A423	WA	Seattle	47.46841	-122.275	A423	Seattle-Tacoma-Bellevue, WA	1.09	1.05	1.14
A311	DC	Washington	38.89739	-77.1897	A311				
				*		Riverside-San Bernardino-Ontario, CA			
				*		Los Angeles-Long Beach-Anaheim, CA	1.15	1.02	1.17
				**		Washington-Arlington-Alexandria, DC-VA-MD-WV			
				**		Baltimore-Columbia-Towson, MD			
				Not used	A429	Phoenix-Mesa-Scottsdale, AZ			
				Not used	A321	Tampa-St. Petersburg-Clearwater, FL			
				Not used	A209	St. Louis, MO-IL			

BLSSeriesID	State	bisCity	regionalFactor	latitude	longitude	GEOID	bisReadyMixConcID	bisTractorShovelLoadersID	bisEnergyID	bisFuelsUtilitiesID	regModel2014Index	c0_intercept	c1_readyMix	c2_tractorShovel	c3_energy	c4_fuelUtilis	calculated with regional coefficients						new calculation	
0	NA	NATIONAL	1	0	0	-1	PCU327320327320	PCU33312033312014	CUUSA0000SA0E	CUUSA0000SAH2	205.3048894	-19.4284	0.113389	0.325493	0.096662	0.398318	236.9	248.5	243.583	234.589	205.3047058	0.00	205.3047	
A427	AK	Anchorage	1	61.2181	-149.9	2305	PCU327320327320	PCU33312033312014	CUUSA427SA0E	CUUSA427SAH2	226.7835622	-19.4284	0.113389	0.325493	0.096662	0.398318	236.9	248.5	290.392	277.153	226.7833648	0.00	226.7834	
A319	GA	Atlanta	1	33.749	-84.388	3817	PCU327320327320	PCU33312033312014	CUUSA319SA0E	CUUSA319SAH2	229.417366	-19.4284	0.113389	0.304932	0.096662	0.283199	236.9	248.5	250.307	293.493	229.4171846	0.00	190.5212	
A103	MA	Boston	1	42.3601	-71.0589	9271	PCU327320327320	PCU33312033312014	CUUSA103SA0E	CUUSA103SAH2	216.5301231	-19.4284	0.113389	0.325493	0.096662	0.4592194	236.9	248.5	250.022	261.208	216.5299393	0.00	232.4379	
A207	IL	Chicago	1	41.8781	-87.6298	16264	PCU327320327320	PCU33312033312014	CUUSA207SA0E	CUUSA207SAH2	193.9052141	-19.4284	0.113389	0.396454	0.096662	0.44202	236.9	248.5	231.231	208.967	193.905033	0.00	220.6711	
A213	OH	Cincinnati	1	39.1031	-84.512	16885	PCU327320327320	PCU33312033312014	CUUSA213SA0E	CUUSA213SAH2	200.9823586	-19.4284	0.113389	0.325493	0.096662	0.398318	236.9	248.5			88.3184646	112.66	88.31846	
A210	OH	Cleveland	1	41.4993	-81.6944	17668	PCU327320327320	PCU33312033312014	CUUSA210SA0E	CUUSA210SAH2	191.0175351	-19.4284	0.113389	0.325493	0.096662	0.398318	236.9	248.5			88.3184646	102.70	88.31846	
A316	TX	Dallas	1	32.7767	-96.797	21988	PCU327320327320	PCU33312033312014	CUUSA316SA0E	CUUSA316SAH2	205.7769973	-19.4284	0.113389	0.264	0.096662	0.3392	236.9	248.5	259.49	231.914	205.7768076	0.00	176.7855	
A433	CO	Denver	1	39.7392	-104.99	23527	PCU327320327320	PCU33312033312014	CUUSA433SA0E	CUUSA433SAH2	201.125973	-19.4284	0.113389	0.325493	0.096662	0.398318	236.9	248.5	219.368	229.974	201.1257979	0.00	201.1258	
A208	MI	Detroit	1	42.3314	-83.0458	23824	PCU327320327320	PCU33312033312014	CUUSA208SA0E	CUUSA208SAH2	209.0531332	-19.4284	0.113389	0.325493	0.096662	0.398318	236.9	248.5	245.743	243.475	209.0529495	0.00	209.0529	
A426	HI	Honolulu	1	21.3069	-157.858	89770	PCU327320327320	PCU33312033312014	CUUSA426SA0E	CUUSA426SAH2	269.3302901	-19.4284	0.113389	0.325493	0.096662	0.398318	236.9	248.5	324.528	375.685	269.330088	0.00	269.3301	
A318	TX	Houston	1	29.7604	-95.3698	40429	PCU327320327320	PCU33312033312014	CUUSA318SA0E	CUUSA318SAH2	181.8025875	-19.4284	0.113389	0.325493	0.096662	0.398318	236.9	248.5	222.197	180.775	181.8024075	0.00	181.8024	
A421	CA	Los Angeles	1	34.0522	-118.244	51445	PCU327320327320	PCU33312033312014	CUUSA421SA0E	CUUSA421SAH2	234.2691355	-19.4284	0.113389	0.325493	0.096662	0.398318	236.9	248.5			88.3184646	145.95	88.31846	
A320	FL	Miami	1	25.7617	-80.1918	56602	PCU327320327320	PCU33312033312014	CUUSA320SA0E	CUUSA320SAH2	180.237286	-19.4284	0.113389	0.325493	0.096662	0.398318	236.9	248.5	219.948	177.391	180.2371065	0.00	180.2371	
A212	WI	Milwaukee	1	43.0389	-87.9065	57466	PCU327320327320	PCU33312033312014	CUUSA212SA0E	CUUSA212SAH2	201.6221956	-19.4284	0.113389	0.325493	0.096662	0.398318	236.9	248.5			88.3184646	113.30	88.31846	
A211	MN	Minneapolis	1	44.9778	-93.265	57628	PCU327320327320	PCU33312033312014	CUUSA211SA0E	CUUSA211SAH2	193.9197203	-19.4284	0.113389	0.357176	0.096662	0.421136472	236.9	248.5	233.973	208.338	193.9195382	0.00	206.5467	
A101	NY	New York	1	40.7128	-74.006	63217	PCU327320327320	PCU33312033312014	CUUSA101SA0E	CUUSA101SAH2	192.0815131	-19.4284	0.113389	0.4395572	0.096662	0.4831199	236.9	248.5	231.027	204.438	192.0813318	0.00	237.763	
A102	PA	Philadelphia	1	39.9526	-75.1652	69076	PCU327320327320	PCU33312033312014	CUUSA102SA0E	CUUSA102SAH2	196.349605	-19.4284	0.113389	0.40557176	0.096662	0.462920184	236.9	248.5	227.369	216.041	196.3494259	0.00	230.2057	
A104	PA	Pittsburgh	1	40.4406	-79.9959	69697	PCU327320327320	PCU33312033312014	CUUSA104SA0E	CUUSA104SAH2	213.5812894	-19.4284	0.113389	0.325493	0.096662	0.398318	236.9	248.5			88.3184646	125.26	88.31846	
A425	OR	Portland	1	45.5231	-122.677	71317	PCU327320327320	PCU33312033312014	CUUSA425SA0E	CUUSA425SAH2	216.1105637	-19.4284	0.113389	0.325493	0.096662	0.398318	236.9	248.5			88.3184646	127.79	88.31846	
A424	CA	San Diego	1	32.7157	-117.161	78661	PCU327320327320	PCU33312033312014	CUUSA424SA0E	CUUSA424SAH2	222.5492038	-19.4284	0.113389	0.325493	0.096662	0.398318	236.9	248.5	270.47	271.357	222.5490133	0.00	222.549	
A422	CA	San Francisco	1	37.7749	-122.419	78904	PCU327320327320	PCU33312033312014	CUUSA422SA0E	CUUSA422SAH2	246.7701289	-19.4284	0.113389	0.325493	0.096662	0.398318	236.9	248.5	293.27	326.632	246.7699343	0.00	246.7699	
A423	WA	Seattle	1	47.6062	-122.332	80389	PCU327320327320	PCU33312033312014	CUUSA423SA0E	CUUSA423SAH2	215.314024	-19.4284	0.113389	0.325493	0.096662	0.398318	236.9	248.5	311.923	243.133	215.3138159	0.00	215.3138	
A311	DC	Washington	1	38.9072	-77.0369	92242	PCU327320327320	PCU33312033312014	CUUSA311SA0E	CUUSA311SAH2	183.9537619	-19.4284	0.113389	0.36493239	0.096662	0.45178684	236.9	248.5			88.3184646	95.64	98.11915	

NATIONAL	205.3049	205.3047	same
Anchorage	226.7836	226.7834	same
Atlanta	229.4174	190.5212	cheaper
Boston	216.5301	232.4379	more expensive
Chicago	193.9052	220.6711	more expensive
Dallas	205.777	176.7855	cheaper
Denver	201.126	201.1258	same
Detroit	209.0531	209.0529	same
Honolulu	269.3303	269.3301	same
Houston	181.8026	181.8024	same
Miami	180.2373	180.2371	same
Minneapolis	193.9197	206.5467	more expensive
New York	192.0815	237.763	more expensive
Philadelphia	196.3496	230.2057	more expensive
San Diego	222.5492	222.549	same
San Francisco	246.7701	246.7699	same
Seattle	215.314	215.3138	same

Legend:
 BLS = Bureau of Labor Statistics
 RegModel = Regional Model
 ReadtMixConc = Ready Mix Concrete

