



CUMULATIVE COPAS ESCALATION PERCENTAGES AS OF APRIL 1, 2018



BASE YEAR	Adj %	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
1963	1.6																													
1964	3.9																													
1965	0.8																													
1966	2.2																													
1967	3.6																													
1968	5.4																													
1969	1.9																													
1970	7.0																													
1971	5.9																													
1972	8.9																													
1973	7.5																													
1974	5.2																													
1975	16.7																													
1976	10.3																													
1977	10.5																													
1978	10.3																													
1979	11.0																													
1980	9.3																													
1981	9.3																													
1982	13.0																													
1983	9.9																													
1984	5.9																													
1985	2.7																													
1986	4.4																													
1987	4.5																													
1988	(1.4)																													
1989	3.3																													
1990	8.1	108.10																												
1991	7.2	115.88	107.20																											
1992	1.5	117.62	108.81	101.50																										
1993	(1.1)	116.33	107.61	100.38	98.90																									
1994	4.8	121.91	112.78	105.20	103.65	104.80																								
1995	4.4	127.28	117.74	109.83	108.21	109.41	104.40																							
1996	4.1	132.49	122.57	114.33	112.64	113.90	108.68	104.10																						
1997	2.0	135.14	125.02	116.62	114.90	116.18	110.85	106.18	102.00																					
1998	10.3	149.06	137.89	128.63	126.73	128.14	122.27	117.12	112.51	110.30																				
1999	5.8	157.71	145.89	136.09	134.08	135.57	129.36	123.91	119.03	116.70	105.80																			
2000	(0.5)	156.92	145.16	135.41	133.41	134.90	128.72	123.29	118.44	116.11	105.27	99.50																		
2001	6.0	166.34	153.87	143.54	141.42	142.99	136.44	130.69	125.54	123.08	111.59	105.47	106.00																	
2002	(1.9)	163.18	150.95	140.81	138.73	140.27	133.85	128.21	123.16	120.74	109.47	103.47	103.99	98.10																
2003	(3.1)	158.12	146.27	136.45	134.43	135.92	129.70	124.23	119.34	117.00	106.07	100.26	100.76	95.06	96.90															
2004	2.3	161.75	149.63	139.58	137.52	139.05	132.68	127.09	122.08	119.69	108.51	102.56	103.08	97.25	99.13	102.30														
2005	3.5	167.42	154.87	144.47	142.33	143.92	137.33	131.54	126.36	123.88	112.31	106.15	106.69	100.65	102.60	105.88	103.50													
2006	5.1	175.95	162.77	151.84	149.59	151.26	144.33	138.25	132.80	130.20	118.04	111.57	112.13	105.78	107.83	111.28	108.78	105.10												
2007	6.4	187.21	173.19	161.55	159.17	160.94	153.57	147.09	141.30	138.53	125.69	118.71	119.31	112.55	114.73	119.40	115.74	111.83	106.40											
2008	7.7	201.63	186.52	173.99	171.42	173.33	165.39	158.42	152.18	149.20	135.26	127.85	128.49	121.22	123.57	127.52	124.65	120.44	114.59	107.70										
2009	7.5	216.75	200.51	187.04	184.28	186.33	177.79	170.30	163.59	160.39	145.41	137.44	138.13	130.31	132.83	137.08	134.00	129.47	123.19	115.78	107.50									
2010	1.9	220.87	204.32	190.60	187.78	189.87	181.17	173.54	166.70	163.43	148.17	140.05	140.75	132.79	135.36	139.69	136.55	131.93	125.53	117.98	109.54	101.90								
2011	(0.7)	219.32	202.89	189.26	186.47	188.54	179.90	172.32	165.54	162.29	147.13	139.07	139.77	131.86	134.41	138.71	135.59	131.01	124.65	117.15	108.78	101.19	99.30							
2012	6.1	232.70	215.27	200.81	197.84	200.04	190.88	182.83	175.63	172.19	156.11	147.55	148.29	139.90	142.61	147.17	143.86	139.00	132.25	124.30	115.41	107.36	105.36	106.10						
2013	7.4	249.92	231.20	215.67	212.48	214.84	205.00	196.36	188.63	184.93	167.66	158.47	159.27	150.25	153.16	158.06	154.51	149.28	142.04	133.50	123.95	115.30	113.15	113.95	107.40					
2014	2.5	256.17	236.98	221.06	217.79	220.22	210.13	201.27	193.35	189.55	171.85	162.43	163.25	154.01	156.99	162.01	158.37	153.02	145.59	136.83	127.05	118.19	115.98	116.80	110.09	102.50				
2015	4.3	267.19	247.17	230.57	227.16	229.68	219.16	209.93	201.66	197.71	179.24	169.42	170.27	160.63	163.74	168.98	165.18	159.60	151.85	142.72	132.51	123.27	120.97	121.82	114.82	106.91	104.30			
2016	(3.2)	258.64	239.26	223.19	219.89	222.33	212.15	203.21	195.21	191.38	173.51	164.00	164.82	155.49	158.50	163.57	159.90	154.49	146.99	138.15	128.27	119.32	117.10	117.82	111.14	103.49	100.96	96.80		
2017	5.5	272.86	252.42	235.46	231.98	234.56	223.82	214.39	205.94	201.90	183.05	173.02	173.89	164.04	167.22	172.57	168.69	162.98	155.08	145.75	135.33	125.89	123.54	124.41	117.26	109.18	106.52	102.12	105.50	
2018	1.5	276.95	256.20	238.99	235.46	238.06	227.16	217.60	209.03	204.93	185.80	175.61	176.49	166.50	169.73	175.16	171.22	165.43	157.40	147.93	137.36	127.77	125.39	126.28	119.02	110.82	108.11	103.66	107.06	101.50

Note - The Crude Petroleum and Gas Production Workers index is no longer available for use in the annual calculation of overhead adjustment called for in the various COPAS model forms after March 2003, which impacts the adjustment scheduled to occur in April 2004. Research covering the past ten years shows that by blending the Oil and Gas Extraction Index with the Professional and Technical Services Index, the results approximate the data from the old Crude Petroleum and Natural Gas Workers Index. Accordingly, COPAS has calculated the percentage change in the simple average of the Oil and Gas Extraction Index and the Professional and Technical Services Index, commencing in April 2004. In February 2004, the Joint Interest and Audit Committees approved Model Form Interpretation 50 - Overhead Adjustment Index to provide guidance to the industry as to a replacement index for use in calculating the overhead adjustment, as well as other economic factors, such as the loading and unloading rates. The change was approved by COPAS at its April 23, 2004 Council Meeting. COPAS' publishing this rate has been, and continues to be provided as a convenience to the industry. Model Form Interpretation 50 suggests that each company make its own determination as to whether or not it needs to amend its contracts to use this or any other new index.