

US EPA ARCHIVE DOCUMENT

CO ₂ Emissions from Fossil Fuel Combustion - Million Metric Tons CO ₂ (MMTCO ₂)*																										
State	Sector	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
Alabama		109.05	113.22	119.96	123.87	121.93	129.64	135.66	133.57	131.24	133.42	139.43	131.07	136.01	136.89	139.25	140.81	143.28	144.89	137.29	118.36	130.73	128.04	121.50	119.20	121.49
	Commercial	2.43	2.00	2.10	2.05	2.05	1.96	2.16	2.42	1.90	2.19	2.25	2.16	1.99	2.10	2.16	1.85	2.22	1.98	2.00	1.89	2.11	2.05	1.78	1.83	1.92
	Industrial	25.12	25.33	28.33	26.15	27.10	27.80	28.65	28.67	25.52	25.70	25.07	21.69	21.65	22.93	23.31	21.92	21.38	20.75	20.42	16.86	18.21	18.63	20.65	20.36	21.43
	Residential	3.09	3.02	3.20	3.42	3.30	3.31	3.73	3.34	3.11	3.31	3.66	3.53	3.24	3.08	2.98	2.72	2.50	2.37	2.52	2.49	2.86	2.34	1.76	2.19	2.41
	Transportation	28.14	28.70	29.39	29.44	30.66	32.16	31.54	31.17	31.78	32.16	33.55	31.52	33.51	32.45	34.97	34.88	35.44	35.79	33.13	32.09	32.38	32.45	31.98	31.76	31.83
Alaska	Electric Power	50.28	54.18	56.93	62.82	58.82	64.41	69.58	67.97	68.93	70.06	74.90	72.17	75.61	76.33	75.84	79.46	81.74	83.99	79.22	65.02	75.17	72.57	65.33	63.05	63.90
		34.25	34.86	36.24	36.08	35.91	40.45	41.51	41.59	42.61	43.18	43.85	42.89	43.03	43.15	46.39	47.68	45.53	43.82	39.23	37.45	38.31	38.18	37.67	35.90	34.75
	Commercial	2.20	2.23	2.51	2.56	2.59	2.50	2.71	2.56	2.67	2.82	2.69	2.49	2.07	1.94	2.21	2.12	2.42	2.19	2.37	2.21	2.59	2.79	2.67	2.44	2.37
	Industrial	15.77	17.39	18.83	18.45	18.03	21.39	22.46	21.11	21.63	20.58	20.54	20.63	21.05	20.83	20.09	21.61	18.39	18.54	16.43	16.78	16.03	16.25	16.73	16.93	16.38
	Residential	1.58	1.60	1.74	1.73	1.77	1.81	1.80	1.70	1.65	1.95	1.74	1.80	1.62	1.66	1.80	1.77	2.15	1.84	1.78	1.75	1.68	1.72	1.76	1.56	1.46
Arizona	Transportation	12.09	11.17	10.86	11.02	11.19	12.34	12.01	13.49	13.75	14.82	15.72	14.73	15.03	15.75	19.13	18.96	19.11	17.98	15.39	13.57	14.98	14.26	13.39	12.34	11.65
	Electric Power	2.61	2.46	2.29	2.32	2.33	2.41	2.53	2.74	2.91	3.01	3.16	3.24	3.26	2.97	3.16	3.22	3.47	3.26	3.25	3.14	3.03	3.16	3.12	2.63	2.89
		62.94	63.75	66.55	68.96	71.69	66.62	68.48	71.61	76.01	80.13	85.82	88.17	87.55	89.37	96.33	96.44	99.65	101.59	101.93	93.12	94.92	92.98	91.01	94.81	92.81
	Commercial	1.90	1.83	1.78	1.74	1.83	1.79	1.88	1.98	2.28	2.20	2.19	2.09	2.17	2.05	2.02	2.00	2.03	2.12	2.41	2.20	2.36	2.38	2.32	2.36	2.22
	Industrial	3.86	3.91	3.92	3.94	4.34	4.67	4.85	4.96	4.69	4.79	4.76	4.86	4.32	4.08	4.60	5.04	5.08	4.90	5.43	4.23	4.62	4.97	4.89	4.55	4.42
Arkansas	Residential	1.83	1.89	1.75	1.71	1.80	1.69	1.65	1.84	2.17	2.08	2.13	2.19	2.16	2.13	2.24	2.13	2.15	2.27	2.41	2.18	2.32	2.40	2.09	2.41	2.01
	Transportation	22.83	23.36	23.74	24.99	25.71	26.18	27.80	27.83	30.01	31.67	32.48	33.54	34.37	35.45	36.25	36.92	38.11	37.58	34.58	32.52	31.75	31.45	30.85	31.30	31.58
	Electric Power	32.52	32.76	35.37	36.58	38.01	32.30	32.29	35.00	36.87	39.39	44.25	45.50	44.53	45.66	51.23	50.35	52.28	54.72	57.11	52.00	53.87	51.79	50.87	54.20	52.59
		51.21	50.28	51.91	51.05	54.99	58.32	60.96	59.94	60.63	62.73	63.10	62.27	60.98	61.72	62.07	59.91	61.78	63.09	63.94	61.28	65.60	67.01	65.80	68.10	68.61
	Commercial	1.62	1.63	1.59	1.81	1.75	1.80	1.90	1.79	1.75	1.79	2.11	2.14	2.13	2.18	2.02	2.12	1.87	1.86	2.17	2.49	2.55	2.51	2.48	2.80	3.10
California	Industrial	9.32	8.04	9.54	9.63	10.44	11.37	11.14	11.54	11.41	10.89	10.96	10.97	10.52	10.61	10.30	9.97	10.06	9.86	10.47	7.98	8.93	8.84	8.49	9.04	8.97
	Residential	2.52	2.58	2.45	2.84	2.63	2.71	2.86	2.65	2.35	2.66	2.91	2.65	2.62	2.48	2.25	2.15	2.07	2.09	2.34	2.21	2.31	2.13	1.64	2.19	2.36
	Transportation	16.16	16.30	16.22	16.97	18.13	18.49	18.85	19.43	19.65	20.88	20.97	19.81	20.42	20.38	20.62	20.61	20.61	20.96	20.24	20.02	19.77	19.60	18.92	18.84	19.03
	Electric Power	21.60	21.74	22.11	19.80	22.04	23.96	26.21	24.54	24.57	26.52	26.16	26.70	25.29	26.06	26.88	25.05	27.17	28.31	28.73	28.58	32.03	33.93	34.27	35.22	35.15
		362.43	350.77	355.05	344.64	361.77	350.88	351.72	354.73	364.99	368.15	383.20	387.36	386.29	374.52	393.36	390.96	399.06	404.31	386.65	372.27	366.18	352.88	358.17	361.54	359.13
Colorado	Commercial	18.96	19.11	17.42	15.51	15.91	17.00	14.73	15.33	17.75	14.90	14.37	14.84	14.23	13.99	14.11	14.22	14.44	15.07	15.61	15.58	16.08	15.70	15.92	15.97	15.00
	Industrial	71.06	72.44	72.83	70.04	70.41	69.22	72.38	77.15	75.01	73.16	72.58	74.27	75.84	75.48	79.96	77.34	76.28	74.57	71.17	66.30	68.01	68.44	69.11	73.15	73.15
	Residential	29.47	29.25	27.20	28.79	29.35	26.74	26.94	26.73	32.25	31.92	27.53	28.63	28.64	28.32	29.39	28.17	28.37	28.58	28.73	28.27	28.88	29.61	27.32	27.73	22.76
	Transportation	202.77	192.02	192.07	188.37	196.74	200.85	204.91	199.77	200.70	204.95	215.91	211.90	223.94	214.10	223.64	229.35	233.58	236.16	220.31	214.36	209.86	202.80	197.88	199.03	201.99
	Electric Power	40.18	37.95	45.53	41.93	49.36	37.07	32.75	35.75	39.29	43.22	52.82	57.73	43.65	42.62	46.26	41.88	46.39	49.93	50.83	47.76	43.35	36.33	47.94	45.65	46.22
Connecticut		65.31	67.32	68.31	72.07	72.60	72.67	75.67	75.89	77.32	79.48	84.20	92.05	90.38	89.36	92.06	94.40	95.17	98.08	96.29	92.46	94.60	91.09	89.87	90.68	90.80
	Commercial	3.98	4.29	4.12	4.27	4.07	4.04	4.24	4.21	3.80	3.84	3.79	4.41	4.34	4.19	4.06	4.09	3.79	3.78	4.56	4.70	4.24	3.97	3.35	3.72	3.72
	Industrial	5.57	7.29	7.49	8.07	7.61	7.55	7.81	8.21	8.81	8.67	9.17	12.45	11.98	11.37	11.73	12.78	12.57	12.79	13.35	13.19	13.92	12.69	12.79	12.89	13.63
	Residential	5.33	5.81	5.56	6.14	5.72	6.15	6.50	6.30	5.97	6.44	6.88	7.31	7.58	7.64	7.27	7.61	7.17	7.86	8.07	7.71	7.84	7.85	7.07	8.27	8.00
	Transportation	19.15	19.34	19.60	21.46	21.73	22.42	22.93	22.76	23.90	25.44	25.71	27.04	26.87	26.43	29.22	29.83	30.60	31.24	29.78	28.90	29.25	28.23	28.10	27.74	28.28
Delaware	Electric Power	31.27	30.60	31.55	32.13	33.47	32.50	34.20	34.40	34.83	35.09	38.64	40.84	39.60	39.73	39.78	40.10	41.04	42.41	40.52	37.96	39.35	38.35	38.56	38.05	37.18
		40.51	39.71	40.11	38.19	37.52	36.81	39.54	42.46	40.08	41.38	42.70	41.51	40.01	42.65	44.50	43.79	40.80	40.10	37.71	36.00	36.29	34.94	34.21	35.05	35.13
	Commercial	3.80	3.63	4.28	3.82	4.14	3.81	4.10	4.27	4.01	4.26	4.52	4.29	4.10	4.92	3.91	3.73	3.31	3.34	3.36	3.27	3.35	3.58	3.24	3.59	3.76
	Industrial	2.93	3.08	3.32	3.38	2.98	2.75	2.88	2.76	2.60	2.66	2.74	2.50	2.41	2.86	2.62	2.67	2.58	2.30	1.89	2.04					

Georgia		138.24	130.40	129.97	139.81	142.91	151.28	155.72	156.71	156.93	159.35	167.36	159.73	164.52	167.55	172.70	182.95	180.37	183.04	170.48	161.15	170.40	155.34	135.58	134.02	138.90
	Commercial	3.87	3.62	3.96	4.03	3.92	4.13	4.15	4.07	3.67	3.27	4.14	3.77	3.36	3.42	3.78	3.61	3.20	3.24	3.41	3.54	4.01	3.77	3.64	3.97	4.11
	Industrial	18.45	18.07	18.32	17.95	18.64	19.60	20.27	19.74	18.36	18.29	19.18	18.57	18.61	19.37	19.48	19.58	18.57	17.26	15.91	14.05	14.87	14.27	13.50	14.18	14.52
	Residential	5.82	6.17	6.88	7.36	6.74	7.22	7.87	7.25	6.76	6.37	8.71	7.38	7.64	7.90	7.76	7.56	6.66	6.74	7.18	7.13	8.32	6.72	5.98	7.05	7.84
	Transportation	48.67	47.44	47.93	53.15	53.84	56.42	59.76	57.45	59.48	61.46	61.55	61.44	61.59	63.49	66.27	69.07	68.07	66.42	60.36	64.33	65.79	64.13	57.70	56.14	54.02
Hawaii	Electric Power	61.44	55.09	52.88	57.33	59.77	63.91	63.67	68.20	68.66	69.95	73.78	68.58	73.32	73.37	75.41	83.14	83.87	89.36	83.62	72.11	77.42	66.46	54.75	52.67	58.42
		21.34	19.39	20.32	18.55	19.85	19.72	18.85	18.44	18.41	18.13	18.46	18.93	20.32	21.26	22.25	22.84	23.04	23.79	19.04	18.60	18.78	19.26	18.77	18.31	18.20
	Commercial	0.75	0.44	0.92	0.33	0.51	0.32	0.24	0.31	1.09	0.27	0.28	0.24	0.31	0.28	0.33	0.33	0.33	0.28	0.29	0.34	0.34	0.38	0.35	0.35	0.39
	Industrial	2.10	2.00	1.96	1.82	2.01	1.96	2.06	1.96	1.47	1.30	1.33	1.33	1.49	1.52	1.52	1.77	1.80	1.63	1.43	1.41	1.40	1.44	1.42	1.34	1.29
	Residential	0.05	0.05	0.07	0.04	0.04	0.04	0.04	0.05	0.09	0.06	0.08	0.08	0.08	0.06	0.06	0.06	0.07	0.06	0.09	0.09	0.08	0.08	0.11	0.08	0.08
Idaho	Transportation	11.13	10.88	10.39	9.35	10.05	9.90	8.74	8.42	8.22	8.87	9.03	9.54	10.12	11.76	12.43	12.83	13.02	14.02	9.63	9.35	9.66	10.19	10.05	10.00	9.96
	Electric Power	7.31	6.03	6.98	7.00	7.23	7.50	7.77	7.71	7.53	7.63	7.75	7.75	8.32	7.63	7.91	7.84	7.82	7.80	7.60	7.41	7.31	7.18	6.84	6.53	6.49
		11.40	12.06	11.36	12.49	12.64	13.42	13.86	13.87	14.11	14.97	15.68	15.62	15.06	14.44	15.68	15.80	15.84	16.33	15.57	15.21	16.01	15.81	15.69	17.14	16.64
	Commercial	0.80	0.95	0.87	0.84	0.83	0.85	0.97	0.88	0.94	1.08	1.07	1.03	0.98	0.87	0.98	1.00	0.99	1.06	1.12	1.04	1.07	1.17	1.13	1.24	1.18
	Industrial	3.45	4.00	3.34	3.46	3.56	3.77	3.84	3.62	3.66	3.67	4.18	3.97	3.75	3.42	3.82	3.96	3.44	3.46	3.30	3.24	3.40	3.49	3.26	3.44	3.54
Illinois	Residential	0.79	0.91	0.81	1.01	0.94	0.99	1.09	1.12	1.09	1.35	1.52	1.44	1.42	1.31	1.56	1.55	1.62	1.59	1.82	1.71	1.61	1.76	1.55	1.83	1.60
	Transportation	6.35	6.21	6.34	7.18	7.31	7.81	7.95	8.16	8.32	8.77	8.81	8.61	8.76	8.34	8.68	8.68	9.26	9.54	8.67	8.54	9.27	8.94	9.02	9.29	9.34
	Electric Power	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.10	0.10	0.10	0.10	0.10	0.57	0.14	0.51	0.65	0.62	0.52	0.68	0.67	0.44	0.73	1.33	0.99	
		192.70	192.68	188.79	204.34	204.54	208.61	222.76	226.87	216.22	225.71	232.96	223.70	225.94	228.86	235.41	242.48	234.58	242.10	240.42	225.36	230.48	229.23	216.88	231.41	233.38
	Commercial	12.51	11.97	12.21	12.55	12.27	12.49	13.30	12.89	11.03	11.56	12.37	11.75	12.39	12.87	12.19	11.83	11.58	11.83	13.22	13.21	11.59	12.50	10.99	13.57	14.37
Indiana	Industrial	43.69	44.10	43.98	43.97	45.09	45.19	46.53	47.75	45.22	44.91	42.73	38.84	38.26	37.25	36.98	37.75	37.35	37.79	36.81	31.21	36.63	37.88	38.10	40.17	40.02
	Residential	25.47	26.80	27.08	28.18	26.96	28.42	30.74	28.59	23.55	26.15	26.88	24.30	26.18	26.78	25.07	24.73	22.68	24.67	26.84	25.23	23.88	23.82	20.52	26.00	27.21
	Transportation	54.40	52.13	52.97	56.01	54.11	55.63	57.67	58.02	59.19	65.36	67.11	64.84	62.73	65.57	69.23	76.85	73.10	73.08	68.97	67.31	66.36	65.79	63.70	64.57	65.83
	Electric Power	56.63	57.68	52.55	63.63	66.11	66.87	74.52	79.62	77.22	77.73	83.87	83.97	86.38	86.38	91.95	91.32	89.87	94.73	94.58	88.39	92.01	89.24	83.56	87.10	85.94
		204.60	201.00	198.41	201.66	201.95	207.07	211.73	216.96	215.39	221.16	233.39	224.25	227.55	233.27	233.61	232.40	230.82	230.39	226.37	204.48	214.93	207.24	193.24	197.88	203.25
Iowa	Commercial	5.45	5.29	5.48	5.75	5.58	5.67	6.02	5.86	5.52	5.47	6.25	5.64	5.87	6.74	6.39	5.45	4.72	5.07	6.16	5.80	5.46	5.36	4.61	5.38	5.90
	Industrial	53.73	51.16	50.35	47.15	43.28	45.35	47.49	48.88	48.51	49.82	52.65	54.27	53.94	54.55	56.63	53.31	53.04	52.38	49.63	43.59	47.45	45.69	44.25	44.97	43.70
	Residential	9.64	9.85	10.06	10.86	10.29	10.35	11.70	11.04	9.11	10.36	10.63	9.44	10.18	11.11	9.65	9.48	8.04	9.04	9.72	8.89	8.65	8.24	7.05	8.75	9.40
	Transportation	40.88	39.83	39.27	41.21	42.77	43.93	43.18	43.25	43.66	44.54	46.58	42.58	45.90	47.47	45.09	45.32	46.28	45.10	41.76	40.16	42.24	42.22	41.15	42.97	43.70
	Electric Power	94.91	94.87	93.25	96.69	100.02	101.77	103.35	107.93	108.59	110.97	117.27	112.33	111.67	113.40	115.84	118.84	118.75	118.80	119.11	106.03	111.14	105.73	96.17	95.80	100.55
Kansas		63.90	65.97	64.56	68.37	69.50	72.89	75.45	75.02	77.13	78.18	79.06	77.94	78.50	78.13	79.55	79.77	81.03	86.62	89.92	85.01	89.56	86.67	81.40	82.28	83.21
	Commercial	3.19	3.50	3.13	3.30	2.92	3.16	3.75	3.85	3.35	3.76	3.54	3.52	3.63	3.77	3.47	3.47	3.82	3.93	4.40	4.67	4.45	4.50	4.09	4.80	4.84
	Industrial	12.72	13.69	14.17	14.70	15.52	15.86	15.93	15.70	15.76	16.02	15.64	15.25	15.06	14.10	14.81	15.07	15.51	17.09	18.36	17.87	19.36	19.65	19.29	20.16	19.88
	Residential	5.02	5.54	5.20	5.82	5.57	5.75	6.44	6.02	5.05	5.53	5.56	4.90	5.25	5.36	4.85	4.83	4.50	4.83	5.52	5.15	4.82	4.79	3.95	5.05	5.31
	Transportation	16.32	15.74	15.55	16.17	17.13	17.80	19.06	18.58	19.23	19.07	18.76	18.65	19.25	19.44	20.50	21.20	21.73	22.10	21.26	20.77	20.83	21.02	20.10	20.50	21.11
Kentucky	Electric Power	26.65	27.50	26.51	28.38	28.37	30.32	30.28	30.87	33.73	33.79	35.57	35.62	35.30	35.46	35.93	35.20	35.48	38.67	40.39	36.55	40.09	36.73	33		

Massachusetts		83.03	81.83	83.82	81.08	81.33	78.67	79.32	85.36	83.19	80.80	81.99	81.81	82.73	84.16	82.55	84.06	76.25	79.64	76.65	70.27	71.85	68.17	61.90	65.75	64.00
	Commercial	8.39	9.17	8.93	7.98	8.86	8.95	9.05	9.44	8.07	6.19	6.76	5.74	5.86	7.08	6.51	6.66	5.00	5.34	5.58	5.78	6.70	6.32	5.23	6.75	7.17
	Industrial	5.56	4.97	6.74	6.93	5.97	5.22	5.22	5.34	5.25	5.93	5.72	6.82	6.66	4.41	4.24	4.52	4.38	4.33	3.95	3.21	3.63	3.86	3.35	3.56	3.50
	Residential	15.07	14.28	16.38	16.50	16.33	14.73	14.53	14.36	13.18	13.99	15.57	15.92	15.84	16.32	14.91	14.84	12.78	13.49	14.36	13.82	13.55	13.60	11.79	12.33	13.65
	Transportation	28.93	27.67	27.52	27.82	27.98	28.47	29.79	30.24	30.27	31.04	32.14	31.71	31.85	31.73	33.52	33.96	32.86	33.22	32.95	30.19	29.97	30.19	29.49	30.59	28.98
Michigan	Electric Power	25.09	25.74	24.26	21.85	22.19	21.29	20.72	25.98	26.42	23.65	21.81	21.62	22.52	24.62	23.36	24.09	21.24	23.27	19.81	17.27	17.99	14.20	12.04	12.52	10.69
		179.13	177.92	176.76	178.04	185.44	187.67	193.11	191.02	187.88	195.76	191.79	187.87	187.62	185.05	187.11	188.45	177.58	180.33	173.99	163.25	164.35	159.16	152.63	161.32	161.46
	Commercial	10.66	10.82	11.03	11.20	11.50	12.17	12.69	12.12	10.34	10.88	11.30	10.67	10.94	11.23	10.81	10.57	9.16	9.96	10.54	10.26	9.35	9.93	8.72	10.23	12.04
	Industrial	31.26	28.49	28.81	25.16	27.27	27.04	27.58	26.22	24.40	27.73	26.82	25.36	24.09	23.83	24.24	24.01	22.53	20.58	20.04	15.48	18.01	18.26	18.20	20.20	20.20
	Residential	22.09	22.54	23.49	24.36	23.83	24.81	26.47	25.27	21.45	23.66	24.44	23.56	24.77	25.90	23.94	23.90	19.99	21.04	21.51	20.48	18.88	19.42	16.82	20.56	21.81
Minnesota	Transportation	47.94	48.62	49.16	52.13	52.17	53.62	54.28	55.40	56.74	59.20	57.29	56.67	57.85	55.50	56.24	55.68	55.49	54.80	50.57	49.03	49.01	47.79	47.07	49.35	48.84
	Electric Power	67.16	67.45	64.27	65.20	70.66	70.02	72.09	72.00	74.95	74.29	71.94	71.61	69.97	68.59	71.87	74.30	70.40	73.95	71.33	67.99	69.10	63.75	61.81	60.98	58.56
		79.61	79.50	80.85	85.55	87.13	89.82	94.74	92.55	91.67	92.43	97.60	94.50	96.79	100.97	100.06	101.19	98.58	100.18	99.73	91.82	91.92	91.63	86.80	89.32	94.08
	Commercial	5.68	5.45	5.04	5.32	5.46	5.92	6.29	6.16	5.45	5.43	5.82	5.83	6.36	6.42	5.91	6.04	5.88	5.86	6.51	6.29	5.71	6.02	5.31	6.66	7.08
	Industrial	12.45	11.85	13.11	13.62	13.92	14.28	15.99	15.29	15.25	14.74	14.98	13.48	13.64	13.82	14.21	14.47	14.43	15.35	16.84	14.98	17.17	17.26	17.15	17.64	18.14
Mississippi	Residential	8.09	8.86	8.44	9.11	9.01	9.41	10.67	9.63	8.05	8.53	9.31	8.92	9.31	9.81	9.39	9.00	8.15	8.85	9.56	9.00	8.29	8.31	7.31	9.17	9.78
	Transportation	23.79	24.89	26.19	27.69	28.64	29.69	30.67	30.16	31.68	33.77	35.04	34.26	34.82	34.86	36.02	36.53	36.02	36.17	34.21	31.71	31.72	31.40	31.83	30.37	30.30
	Electric Power	29.61	28.44	28.07	29.80	30.09	30.53	31.12	31.31	31.24	29.96	32.45	32.01	32.66	36.06	34.53	35.16	34.09	33.95	32.61	29.85	29.03	28.65	25.21	25.48	28.79
		48.41	48.21	48.30	50.60	50.37	51.72	54.53	56.02	56.63	61.34	61.00	69.32	62.22	63.44	65.13	63.53	65.71	67.91	64.45	60.41	65.24	60.48	62.40	60.63	63.71
	Commercial	1.34	1.32	1.35	1.33	1.42	1.37	1.57	1.53	1.51	1.42	1.60	1.63	1.49	1.66	1.47	1.41	1.29	1.75	1.52	1.46	1.54	1.51	1.36	1.44	1.65
Missouri	Industrial	11.82	11.02	11.40	10.83	10.12	9.97	10.36	10.21	9.32	11.70	10.92	10.78	10.84	10.60	11.41	10.57	10.99	11.08	10.67	9.81	11.15	10.51	10.96	10.98	10.88
	Residential	1.83	1.81	1.85	2.01	1.95	1.88	2.16	2.00	1.84	1.86	2.36	2.41	2.08	1.95	1.78	1.75	1.56	1.61	1.77	1.76	1.95	1.72	1.36	1.71	1.94
	Transportation	20.21	22.03	22.92	23.01	23.07	23.30	23.56	24.37	24.63	25.98	25.24	24.48	25.02	26.59	25.79	25.26	26.74	26.42	25.32	24.69	24.55	24.06	25.78	25.12	25.84
	Electric Power	13.19	12.03	10.77	13.42	13.82	15.21	16.89	17.91	19.33	20.38	20.88	30.01	22.79	22.65	24.68	24.54	25.13	27.04	25.17	22.69	26.05	22.69	22.95	21.38	23.40
		102.55	102.79	102.54	101.45	109.14	116.67	123.14	126.85	130.02	130.46	125.10	131.12	131.56	138.26	139.48	142.38	141.27	139.94	136.84	130.44	134.44	134.34	126.96	131.90	131.35
Montana	Commercial	4.44	4.64	4.48	5.03	4.77	4.74	5.34	5.22	4.48	4.76	4.63	5.19	4.61	4.52	4.55	4.24	3.97	4.01	4.54	4.14	4.07	4.00	3.62	4.24	4.74
	Industrial	9.66	8.97	9.34	9.67	9.92	9.97	10.13	10.38	10.38	11.45	9.73	11.32	11.50	11.32	13.00	12.68	12.91	12.67	11.45	9.60	9.65	8.15	9.14	8.93	9.39
	Residential	7.45	7.96	7.67	8.73	8.04	8.23	9.31	8.64	7.25	7.75	7.75	8.46	7.83	7.79	7.29	7.00	6.25	6.70	7.53	6.91	6.92	6.51	5.26	6.68	7.22
	Transportation	33.80	33.68	34.93	35.98	37.01	38.41	40.47	41.40	45.05	44.39	39.52	39.66	40.62	42.01	40.84	41.69	42.07	42.44	39.81	38.97	39.07	38.34	37.12	37.55	37.98
	Electric Power	47.21	47.54	46.11	42.04	49.41	55.32	57.90	61.22	62.87	62.11	63.46	66.50	66.99	72.63	73.80	76.78	76.07	74.14	73.50	70.83	74.75	77.33	71.82	74.50	72.02
Nebraska		28.31	29.52	30.87	28.47	31.46	31.09	28.25	30.27	31.93	32.63	31.55	31.79	30.75	32.77	34.41	35.48	35.71	37.75	36.96	32.89	34.55	31.72	30.47	31.90	32.25
	Commercial	0.89	0.90	0.77	0.87	0.81	0.83	0.95	0.97	0.77	0.74	0.85	0.86	0.91	1.03	1.11	1.13	1.11	0.87	1.00	1.41	1.23	1.36	1.20	1.27	1.31
	Industrial	4.41	4.25	4.38	4.75	4.91	5.31	4.98	4.57	4.90	5.24	4.70	4.06	4.56	4.68	5.08	5.41	5.90	6.73	6.34	4.95	3.98	4.13	4.52	4.64	4.51
	Residential	1.25	1.30	1.12	1.33	1.21	1.28	1.47	1.49	1.24	1.24	1.38	1.38	1.45	1.53	1.62	1.60	1.56	1.62	1.80	1.77	1.63	1.70	1.47	1.56	1.60
	Transportation	5.85	5.78	6.27	6.47	6.74	7.01	6.91	7.07	7.09	7.36	7.47	7.59	7.61	7.22	7.80	8.29	8.53	8.94	8.24	7.86	8.09	8.13	7.88	8.14	7.85
Nevada	Electric Power	15.91	17.29	18.33	15.04	17.79	16.67	13.94	16.17	17.93	18.04	17.15	17.90	16.22	18.31	18.80	19.05	18.61	19.58	19.58	16.90	19.62	16.40	15.40	16.30	16.98
		32.93	33.83	32.75	36.23	36.14	38.79	39.89	41.30	42.73	41.53	41.25	42.55	41.96	43.07	42.90	43.33	43.88	44.27	46.32	46.91	49.50	51.91	50.19	53.08	51.76
	Commercial	2.13	2.28	1.99	1.98	2.23	2.20	2.32	2.08	1.68	1.60	1.76	1.73	1.64	1.72	1.81	1.62	1.68	1.79	2.08	1.86	1.86	1.87	1.58	1.97	1.99
	Industrial	4.30	4.31	4.49	5.26	5.47	5.50	4.96	5.40	6.20	5.39	5.64	5.89	5.76	5.71	5.93	5.86	6.53	7.32	7.54	7.20	7.76	8.41	8.97	9.06	8.95
	Residential	2.51	2.74	2.54	2.87	2.67	2.68	3.07	2.88	2.63	2.63	2.77	2.98	2.89	2.76	2.52	2.51	2.34	2.54	2.87	2.68	2.67	2.61	2.06	2.71	

New Mexico		52.57	48.00	50.63	51.58	51.54	50.08	52.23	55.57	55.17	56.02	57.85	58.00	55.03	57.23	58.32	58.92	59.86	58.53	56.42	57.29	53.32	55.69	53.66	53.27	50.21
	Commercial	1.66	1.66	1.73	1.73	1.47	1.46	1.59	1.64	1.58	1.67	1.63	1.76	1.74	1.77	1.71	1.69	1.54	1.54	1.74	1.55	1.56	1.54	1.55	1.65	1.63
	Industrial	7.00	6.45	6.70	6.46	6.53	6.85	8.05	7.30	6.46	6.67	7.76	7.81	7.11	7.72	8.19	7.87	7.84	8.52	8.13	7.42	7.42	7.64	7.67	7.46	7.85
	Residential	1.97	1.96	1.99	1.95	1.82	1.76	2.05	2.23	2.23	2.32	2.31	2.58	2.35	2.20	2.30	2.27	2.13	2.23	2.28	2.20	2.30	2.20	2.07	2.33	2.06
	Transportation	14.86	14.62	14.11	14.84	14.14	12.75	12.79	15.50	15.50	15.56	15.29	15.67	15.44	15.12	15.70	15.33	15.97	15.41	14.09	13.78	13.28	13.73	13.75	13.84	14.40
New York	Electric Power	27.08	23.31	26.09	26.61	27.59	27.26	27.76	28.90	29.40	30.01	30.87	30.18	28.39	30.43	30.43	31.76	32.37	30.83	30.19	32.34	28.77	30.57	28.62	27.98	24.27
		207.63	199.82	199.19	193.72	191.82	197.46	200.14	204.88	203.20	205.82	211.52	207.36	201.71	211.70	214.39	210.95	193.29	199.57	190.11	174.03	174.38	165.05	162.04	163.04	169.93
	Commercial	26.82	26.47	27.53	28.20	27.67	26.91	27.78	29.62	27.69	30.17	32.04	30.64	31.19	32.97	34.68	28.54	25.34	26.61	25.76	25.00	24.12	24.15	20.91	22.39	22.00
	Industrial	20.17	19.38	20.63	20.27	20.50	22.32	23.07	22.36	21.43	17.76	17.25	16.44	14.99	14.30	14.14	14.94	14.55	13.87	13.38	11.12	10.13	10.48	10.41	9.87	9.42
	Residential	33.76	33.01	36.39	35.82	35.40	34.37	36.71	34.82	31.73	34.43	39.40	38.34	36.10	39.19	38.22	39.22	32.56	36.30	35.03	32.60	31.42	30.81	30.14	31.98	35.19
North Carolina	Transportation	64.11	62.48	61.00	62.03	60.99	62.75	65.92	65.90	66.43	66.81	67.20	67.16	68.79	73.55	75.26	73.56	74.55	73.89	73.37	71.19	70.99	66.02	68.46	68.92	72.97
	Electric Power	62.76	58.48	53.64	47.40	47.27	51.10	46.66	52.18	55.91	56.65	55.63	54.77	50.65	51.68	52.09	54.70	46.29	48.90	42.56	34.13	37.73	33.58	32.12	29.88	30.36
		110.75	110.33	120.67	126.26	121.50	127.73	139.49	141.71	140.72	139.45	147.10	142.56	143.79	144.66	147.88	151.96	146.55	152.38	147.35	131.36	141.03	126.94	119.89	123.91	125.65
	Commercial	3.76	3.57	3.81	3.96	4.32	4.13	4.66	4.46	4.34	4.08	4.57	4.51	4.02	4.85	5.26	5.01	4.58	4.15	4.96	5.22	5.06	4.31	4.14	4.26	5.12
	Industrial	17.31	16.72	18.42	17.56	16.78	17.95	17.94	17.63	16.66	15.65	16.20	15.43	14.57	13.65	13.96	14.02	13.13	12.38	11.53	10.01	10.56	10.16	9.81	10.42	9.99
North Dakota	Residential	5.26	5.37	6.02	6.28	5.92	6.55	7.52	6.85	6.67	6.35	7.15	6.80	6.34	7.21	7.13	6.58	5.66	5.54	5.94	5.70	6.37	5.11	4.35	5.18	5.59
	Transportation	38.38	37.87	38.62	40.10	41.35	42.96	45.43	46.24	47.31	48.29	50.00	49.23	49.83	50.62	52.16	53.45	52.88	54.37	52.61	48.04	48.35	46.96	45.93	49.51	49.01
	Electric Power	46.05	46.79	53.80	58.36	53.13	56.14	63.94	66.53	65.74	65.08	69.19	66.59	69.04	68.32	69.36	72.90	70.31	75.94	72.32	62.39	70.69	60.40	55.67	54.53	55.95
		40.58	41.99	43.24	43.68	44.07	43.92	44.94	43.80	44.18	45.80	47.68	48.21	48.00	47.65	46.52	49.05	46.97	49.07	49.57	47.72	48.40	50.15	52.48	53.73	55.32
	Commercial	0.85	0.88	0.82	0.87	0.90	0.91	1.01	0.98	0.88	0.89	0.96	0.98	1.01	1.00	1.08	1.13	0.84	1.11	1.01	0.97	0.98	1.33	1.22	1.60	1.55
Ohio	Industrial	6.06	6.12	6.20	6.08	6.51	7.08	6.39	6.60	6.64	6.47	7.72	8.03	7.45	7.44	7.39	7.56	7.61	7.80	8.37	7.45	8.84	10.23	10.72	11.68	12.56
	Residential	1.12	1.22	1.10	1.14	1.08	1.14	1.30	1.27	1.06	1.16	1.28	1.28	1.25	1.33	1.32	1.26	1.08	1.17	1.31	1.16	1.06	1.09	0.92	1.13	1.15
	Transportation	4.62	4.68	4.90	5.17	5.11	5.12	5.25	5.33	4.77	5.68	5.56	6.03	6.00	6.09	6.32	6.25	6.21	7.07	6.31	5.92	6.80	7.95	9.04	9.46	10.00
	Electric Power	27.93	29.08	30.22	30.42	30.47	29.68	30.99	29.63	30.84	31.60	32.17	31.89	32.28	31.79	30.42	32.85	31.24	31.92	32.56	32.23	30.71	29.55	30.58	29.87	30.05
		245.37	243.34	247.84	252.14	248.65	251.07	263.86	260.11	257.74	256.79	262.95	253.50	259.30	266.17	261.55	267.60	261.13	267.26	261.01	236.26	246.70	235.13	215.65	229.40	229.04
Oklahoma	Commercial	10.58	10.55	11.13	11.15	11.15	11.60	12.79	12.49	10.55	10.87	11.54	11.13	11.08	11.48	11.55	10.95	9.38	10.29	11.05	10.84	10.52	10.56	9.59	10.93	11.58
	Industrial	50.08	45.89	47.70	44.78	45.09	44.10	43.94	42.90	42.19	41.92	38.79	38.87	37.13	37.83	36.86	35.83	37.11	38.51	38.38	32.60	35.99	35.00	36.76	37.77	38.75
	Residential	20.57	21.14	22.17	23.10	22.33	23.00	24.32	22.98	19.32	21.32	22.03	19.48	20.51	21.96	20.67	20.47	17.21	18.87	19.19	18.40	17.58	17.55	15.26	18.15	19.47
	Transportation	56.09	55.41	54.75	57.76	58.37	59.46	62.51	64.32	65.17	66.99	68.92	68.70	69.27	69.84	71.54	71.11	71.80	72.21	68.12	63.45	64.86	64.06	62.06	63.33	63.73
	Electric Power	108.05	110.35	112.09	115.35	111.71	112.91	120.30	117.43	120.51	115.69	121.66	115.32	121.30	125.05	120.93	129.25	125.63	127.38	124.29	110.98	117.75	107.96	91.98	99.21	95.52
Oregon		88.75	90.10	93.17	96.37	94.61	95.65	98.36	99.72	97.07	96.10	99.69	101.03	101.07	103.33	99.03	105.74	108.54	109.05	111.68	105.89	105.72	107.35	104.66	103.45	104.39
	Commercial	2.52	2.52	2.20	2.42	2.16	2.34	2.76	3.17	2.70	2.42	2.55	2.62	2.52	2.26	2.28	2.40	2.21	2.60	2.65	2.72	2.73	2.58	2.40	2.84	3.03
	Industrial	23.10	20.82	22.03	23.23	22.53	22.75	21.95	22.52	20.50	19.75	18.81	17.82	17.46	19.24	19.72	20.07	21.68	21.25	22.25	19.36	20.26	20.78	21.57	21.71	22.55
	Residential	3.85	4.04	3.83	4.55	4.05	3.99	4.55	4.25	3.93	3.88	4.21	4.10	4.38	4.13	3.74	3.69	3.36	3.87	4.14	3.89	4.08	3.79	3.04	4.10	4.24
	Transportation	23.90	24.50	26.43	25.62	26.47	25.24	26.76	26.48	27.06	28.32	30.28	33.14	30.97	31.50	29.05	30.71	31.61	32.22	31.96	30.63	31.68	31.50	30.89	30.99	33.01
Pennsylvania	Electric Power	35.37	38.23	38.68	40.55	39.41	41.34	42.33	43.31	42.88																

South Dakota		11.92	11.70	11.79	12.47	13.14	12.90	12.81	13.36	12.81	13.43	14.13	13.44	13.70	13.64	13.69	13.22	13.31	13.82	14.91	14.66	15.03	14.58	14.95	15.34	15.28
	Commercial	0.69	0.68	0.68	0.75	0.74	0.78	0.82	0.77	0.67	0.67	0.74	0.71	0.71	0.71	0.67	0.66	0.63	0.73	0.79	0.81	0.78	0.75	0.64	0.79	0.81
	Industrial	2.11	2.02	1.94	2.31	2.46	2.26	2.34	2.72	2.14	2.23	2.55	2.03	2.22	2.29	2.18	2.19	2.13	2.74	3.06	3.16	3.29	3.56	3.47	3.80	3.69
	Residential	1.36	1.20	1.02	1.24	1.16	1.22	1.46	1.33	1.13	1.10	1.21	1.13	1.17	1.20	1.06	1.04	0.98	1.04	1.22	1.15	1.05	1.04	0.88	1.09	1.07
	Transportation	4.67	4.44	5.02	5.11	5.45	5.56	5.56	5.41	5.59	5.74	5.83	5.74	6.28	5.87	5.98	6.09	6.11	6.35	5.98	6.18	6.43	6.42	6.82	6.55	6.72
Tennessee	Electric Power	3.10	3.35	3.13	3.06	3.33	3.07	2.63	3.52	3.28	3.69	3.81	3.82	3.32	3.58	3.80	3.24	3.46	2.96	3.86	3.35	3.48	2.80	3.15	3.11	2.98
		104.52	99.88	105.45	116.29	111.02	117.63	118.61	121.89	120.89	121.37	126.73	125.76	124.90	123.30	125.32	126.50	128.86	128.07	121.82	101.67	108.91	105.46	99.19	97.88	102.78
	Commercial	3.42	3.39	3.58	3.64	3.53	3.59	4.04	3.86	3.53	3.69	3.89	3.80	3.73	4.05	3.77	3.53	3.39	3.50	3.66	3.67	3.89	3.59	3.12	3.49	3.75
	Industrial	18.71	18.49	19.89	19.91	20.06	19.73	19.57	20.10	20.52	20.00	19.22	21.10	20.16	20.16	20.11	19.86	20.31	19.70	19.11	14.83	15.52	15.88	15.60	16.47	16.42
	Residential	3.28	3.43	3.65	3.99	3.94	4.06	4.83	4.40	4.07	4.28	4.80	4.55	4.65	4.62	4.39	4.40	4.07	4.04	4.38	4.32	4.82	4.12	3.20	4.22	4.72
Texas	Transportation	32.84	31.17	32.56	34.40	35.27	37.15	38.43	38.77	39.68	40.90	41.62	41.42	43.92	45.04	45.15	45.39	45.70	45.82	42.39	40.90	42.56	42.44	40.94	40.99	41.72
	Electric Power	46.27	43.40	45.77	54.35	48.21	53.09	51.74	54.75	53.10	52.50	57.21	54.88	52.44	49.43	51.90	53.32	55.39	55.02	52.28	37.94	42.13	39.44	36.34	32.72	36.16
		598.09	594.99	602.38	619.04	621.97	623.35	669.07	690.01	693.21	681.38	700.98	694.80	707.98	699.00	699.11	673.35	678.01	677.52	649.02	615.22	648.96	668.01	664.73	696.66	708.81
	Commercial	11.80	11.93	12.10	10.75	11.22	13.02	11.19	13.15	11.17	11.37	13.66	11.82	14.30	14.20	11.88	10.62	9.70	10.14	10.78	11.10	12.11	12.59	11.15	11.56	12.09
	Industrial	235.36	235.95	242.34	243.52	249.45	251.74	274.16	283.57	274.51	260.70	263.80	259.16	256.80	255.27	257.69	227.48	229.15	222.00	203.23	188.45	211.40	214.01	229.21	237.11	235.28
Utah	Residential	12.97	13.13	12.70	13.44	12.58	12.12	13.11	13.60	12.09	11.64	12.92	13.95	13.86	13.33	12.12	11.98	10.48	12.44	11.97	11.71	13.67	12.02	10.19	12.40	13.91
	Transportation	152.48	149.29	152.88	152.01	155.71	153.50	166.78	171.25	180.28	178.88	182.97	190.89	197.67	190.97	193.14	194.44	201.79	203.44	195.76	187.47	191.40	191.62	192.07	209.36	222.68
	Electric Power	185.49	184.69	182.35	199.32	193.01	192.96	203.82	208.43	215.17	218.80	227.62	218.97	225.35	225.24	224.28	228.83	226.89	229.50	227.27	216.50	220.39	237.77	222.11	226.23	224.84
		53.85	52.77	54.29	55.88	56.94	57.18	57.97	60.57	62.47	61.20	63.93	61.90	61.29	62.06	64.49	66.07	67.40	69.38	68.49	63.86	63.08	63.61	60.93	66.11	64.44
	Commercial	1.67	1.89	1.58	1.70	1.90	1.86	2.02	2.20	2.19	2.22	2.10	2.27	2.58	2.18	2.44	2.31	2.25	2.27	2.42	2.36	2.42	2.59	2.32	2.69	2.50
Vermont	Industrial	9.79	9.16	9.02	8.96	8.95	10.12	9.59	10.18	11.26	8.95	10.34	9.27	6.34	6.60	7.77	8.89	7.92	8.13	7.75	6.75	6.95	7.15	7.71	8.15	8.01
	Residential	2.75	3.12	2.74	3.11	2.88	2.85	3.10	3.36	3.24	3.22	3.25	3.29	3.53	3.23	3.57	3.39	3.54	3.54	3.88	3.78	3.78	4.00	3.42	4.07	3.57
	Transportation	10.64	11.07	11.28	11.69	11.90	12.94	13.56	14.15	14.40	14.88	15.73	15.08	15.66	15.91	16.54	16.69	18.45	18.35	16.84	16.19	16.08	17.15	16.56	17.24	16.86
	Electric Power	29.00	27.53	29.67	30.42	31.31	29.42	29.70	30.68	31.38	31.92	32.51	31.99	33.17	34.15	34.16	34.78	35.25	37.09	37.60	34.77	33.85	32.72	30.91	33.96	33.50
		5.49	5.68	6.14	6.21	6.04	6.00	6.29	6.51	6.27	6.52	6.75	6.61	6.35	6.61	7.04	6.80	6.66	6.51	5.94	6.19	5.91	5.83	5.49	5.78	5.88
Virginia	Commercial	0.58	0.65	0.74	0.68	0.68	0.59	0.66	0.71	0.76	0.71	0.76	0.79	0.73	0.77	0.83	0.71	0.67	0.68	0.61	0.66	0.62	0.63	0.60	0.76	0.77
	Industrial	0.46	0.46	0.54	0.55	0.43	0.39	0.41	0.68	0.46	0.64	0.57	0.48	0.47	0.51	0.60	0.59	0.57	0.50	0.50	0.48	0.50	0.55	0.49	0.40	0.43
	Residential	1.39	1.46	1.59	1.55	1.48	1.43	1.50	1.47	1.40	1.37	1.59	1.58	1.48	1.58	1.78	1.64	1.53	1.50	1.31	1.47	1.31	1.27	1.11	1.27	1.36
	Transportation	3.01	3.04	3.23	3.40	3.43	3.57	3.71	3.64	3.59	3.76	3.70	3.71	3.66	3.71	3.82	3.85	3.88	3.82	3.52	3.56	3.47	3.37	3.29	3.35	3.30
	Electric Power	0.04	0.06	0.05	0.02	0.02	0.02	0.01	0.02	0.06	0.04	0.12	0.04	0.02	0.03	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.01
Washington		94.96	95.99	97.28	101.42	100.27	102.66	107.32	109.84	111.02	113.10	121.81	119.67	118.18	122.39	126.34	128.17	121.78	126.99	115.95	105.14	108.12	99.16	97.35	104.56	103.41
	Commercial	4.44	4.20	4.63	5.03	5.09	5.33	6.09	5.63	5.43	5.40	5.89	5.37	5.03	5.78	5.63	5.64	5.01	5.11	4.93	4.88	5.00	4.63	4.53	4.96	5.32
	Industrial	19.49	19.86	18.74	16.94	17.20	17.31	17.14	17.79	17.29	16.87	16.86	16.48	16.25	17.30	17.64	17.66	16.59	16.86	16.25	12.61	12.81	12.39	12.58	12.58	12.12
	Residential	6.46	6.35	6.92	7.13	7.05	7.13	8.06	7.71	7.07	7.19	8.20	7.45	7.25	8.27	8.34	8.40	6.96	7.33	6.95	6.88	7.12	6.35	5.42	6.54	6.90
	Transportation	41.51	40.53	40.35	41.14	41.83	42.56	42.98	44.39	45.11	45.95	48.63	48.67	48.87	50.63	54.63	55.56	56.76	56.71	52.05	50.01	49.50	47.73	49.98	50.08	49.23
West Virginia	Electric Power	23.05	25.05	26.64	31.18	29.09	33.03	33.04	34.33	36.13	37.70	42.23	41.70	40.78	40.42	40.11	40.91	36.46	40.98	35.77	30.76	33.69	28.06	24.84	30.40	29.85
		71.86	72.33	80.51	75.63	80.68	78.57	82.08	79.79	84.62	85.88	84.33	79.56	73.28	75.32	77.38	79.04	77.11	82.28	79.47	77.11	75.93	70.34	70.76	74.79	73.45
	Commercial	3.20	3.29	2.76	3.13	3.11	3.19	3.30	3.29	3.10	3.53	3.46	3.89	3.34	3.28	3.14	3.33	3.41	3.43	3.88	3.69	3.67	3.78	3.72	3.84	3.83
	Industrial	16.66	15.72	17.96	15.90	18.21	17.65	18.69	16.95	22.07	22.53	16.90	12.99	11.58	11.58	12.25	13.28	14.46	14.35	14.91	13.69	12.94	12.56	13.25	12.57	12.23
	Residential	3.55	3.83	3.49	4.16	4.21	4.11	4.73	4.82	4.73	5.30	5.20	5.99	5.52	4.94	4.89	5.03	5.08	5.23	5.58	5.61	5.11	5.59	5.0		