Table CO2.T1. Total CO2 emissions estimates from energy consumption by source, 1960-2023, Louisiana (million metric tons of carbon dioxide (CO2))

Year	Coal	Natural gas <sup>a</sup>	Petroleum <sup>b</sup>	Total
1960		51.9	28.6	90.5
1965	(a)	51.9	26.6 35.4	80.5 95.3
1970	(s)	98.2	47.3	93.3 145.5
1975	_	96.2	65.3	161.5
1980	0.2	96.6	101.1	197.9
1985	15.1	74.7	77.2	167.0
1990	19.9	85.8	87.3	193.0
1995	20.6	89.8	97.9	208.3
1996	19.5 21.5	87.2	107.6	214.3
1997	21.5	95.9	105.0	222.4
1998	21.4	86.7	100.9	209.0
1999	21.7	80.7	105.2	207.6
2000	24.1	84.2	113.9	222.2
2001	22.9	69.7	107.4	200.0
2002	22.2	76.5	106.7	205.4
2003	23.7	70.6	108.1	202.4
2004	24.5	72.7	111.3	208.5
2005	24.2	71.4	106.9	202.5
2006	25.3	70.2	115.6	211.0
2007	23.8 25.1	74.3 71.2	113.3	211.4 205.1
2008 2009	25.1	68.4	108.9 101.8	194.3
2009	24.1 24.8	68.4 77.2	101.8	194.3
2010	24.0	80.0	102.0	204.0 208.4
2012	22.8	82.6	92.4	197.8
2013	21.8	78.3	89.4	189.5
2014	20.0	80.4	86.3	186.8
2015	16.7	81.9	86.5	185.1
2016	13.4	88.3	86.8	188.5
2017	13.6	88.1	91.1	192.9
2018	13.2	95.8	85.3	194.3
2019	8.7	101.0	85.1	194.8
2020	4.7	98.9	79.2	182.8
2021	9.2 9.3 5.6	95.9	83.0	188.1
2022	9.3	107.5	76.0	192.8
2023	5.6	105.9	72.4	183.8

a Excludes supplemental gaseous fuels.

— = No consumption. Where shown, R = Revised data and (s) = Value less than 0.05.

Notes: • Data are carbon dioxide (CO2) emissions estimates from fossil fuels primary energy consumption for all sectors, excluding renewable energy. The state data do not account for interstate flow of electricity and represent CO2 emissions in the state where fossil fuels are burned to generate electricity, although the electricity might be sold to ultimate customers in other states and sectors. the technical notes for each type of energy.

Web page: All data are available at https://www.eia.gov/state/seds/seds-data-complete.php.

Data source: Table by the U.S. Energy Information Administration, State Energy Data System. See technical notes. http://wwws.eia.gov/state/seds/

b Excludes biofuels.

 $<sup>\</sup>cdot$  Totals may not equal sum of components due to independent rounding.  $\cdot$  The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See

Table CO2.T2. Residential sector CO2 emissions estimates from energy consumption, 1960-2023, Louisiana (million metric tons of carbon dioxide (CO2))

Year	Coal <sup>a</sup>	Natural gas <sup>b</sup>	Petroleum <sup>c</sup>	Total
1960	_	31	0.3	3.4
1965	_	3.4	0.4	3.8
1970	_	4.7	0.6	5.3
1975 1980		3.1 3.4 4.7 5.3 4.0 3.3 2.9 2.9 3.1 3.2 2.7 2.5 2.8 2.7 2.7 2.5 2.8 2.7 2.7	0.3 0.4 0.6 0.4 0.2 0.2 0.2 0.1 0.2 0.2 0.2 0.3 0.4 0.5 0.4	5.7
1980	(s) —	4.0	0.2	4.3
1985 1990 1995 1996 1997 1998 1999 2000 2001	=	3.3 2.0	0.2 0.2	3.0 3.1
1995	(s)	2.9	0.2	3.1
1996	<del>(0)</del>	3.1	0.2	3.3
1997	<u>(s)</u>	3.2	0.2	3.4
1998		2.7	0.3	3.0
1999	_	2.5	0.4	2.9
2000	_	2.8	0.5	3.3
2001	_	2.7	0.4	ა. I ი ი
2002 2003 2004 2005	_	2.7 2.6	0.2 0.2 0.2 0.2 0.2	2.9 2.8
2004	_	2.3	0.2	2.5
2005	_	2.3	0.2	2.5
2006 2007 2008	_	1.8 2.0 2.0	0.2 0.1 0.2	2.1
2007	(s)	2.0	0.1	2.2
2008	_	2.0	0.2	2.2
2009	<del>-</del>	2.0	0.2	2.2
2010		2.5 2.1	U.2 0.2	2. <i>l</i> 2.2
2009 2010 2011 2012		2.0 2.5 2.1 1.7 2.1	0.2 0.2 0.2 0.1 0.1	1.8
2013	<u> </u>	2.1	0.1	2.2
2013 2014 2015 2016	_	2.4 2.0 1.7	0.1 0.1	2.6
2015	_	2.0	0.1	2.1
2016	_	1.7	0.1	1.8
2017	_	1.6	0.1	1.7
2018	_	2.0	0.1 0.1	2.2
2018 2019 2020		1.6 2.0 1.9 1.7	0.1	3.4 3.8 5.3 5.7 4.3 3.6 3.1 3.0 3.3 3.4 3.0 2.9 3.3 3.1 2.9 2.8 2.5 2.5 2.1 2.2 2.2 2.7 2.3 1.8 2.2 2.2 2.7 2.3 1.8 2.2 2.1 1.9 2.1 2.0 1.6
2020	_	2.0	0.1	21
2022	_	2.0 1.9 1.5	0.1	2.0
2021 2022 2023	_	1.5	0.1	1.6

<sup>&</sup>lt;sup>a</sup> Beginning in 2008, consumption data not collected and assumed to be zero.

— = No consumption. Where shown, R = Revised data and (s) = Value less than 0.05. Notes: • Data are carbon dioxide (CO2) emissions estimates from fossil fuels primary energy consumption, excluding renewable energy. The state data do not account for interstate flow of electricity and represent CO2 emissions in the state where fossil fuels are burned to generate electricity, although the electricity might be sold to ultimate customers in other states and sectors.

Data source: Table by the U.S. Energy Information Administration, State Energy Data System. See technical notes. https://www.eia.gov/state/seds/

b Excludes supplemental gaseous fuels.

<sup>&</sup>lt;sup>c</sup> Excludes biofuels.

<sup>·</sup> Totals may not equal sum of components due to independent rounding. · The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the technical notes for each type of energy.

Web page: All data are available at https://www.eia.gov/state/seds/seds-data-complete.php.

Table CO2.T3. Commercial sector CO2 emissions estimates from energy consumption, 1960-2023, Louisiana (million metric tons of carbon dioxide (CO2))

Year	Coal	Natural gas <sup>a</sup>	Petroleum <sup>b</sup>	Total
1001	Odi	ratara gao	i ou oloulli	
1960	_	1.3	1.1	24
1960 1965 1970 1975	_	12	0.9	2.1
1970	_	3.8	1.1	5.0
1975	$\overline{\pi}$	3.8 2.8 2.2 1.7	2.0 6.9 1.6 0.5 0.2	4.8
1980 1985	(s)	2.2	6.9	9.1
1985	_	1.7	1.6	3.3
1990	(a)	1.4	0.5	1.9
1995 1996	<u>(s)</u>	1.3 1.4	0.2 0.1	1.0 1.6
1997	(9)	1.4	0.1	1.0
1998	(s)	1.5 1.4	0.2 0.2	1.6
1999	_	1.4	0.4	1.8
1999 2000	<del>_</del>	1.4	1.1	2.6
2001	_	1.3	0.6	2.0
2001 2002 2003 2004 2005	_	1.4	0.6 0.5 1.0 0.8 0.7	1.9
2003	<del>-</del>	1.4	1.0	2.4
2004	_	1.4	0.8	2.2
2005	_	1.4	0.7	Z. I 1. E
2006 2007 2008	(e)	1.2 1.3 1.3 1.3 1.5 1.4	0.2 1.4	1.5 2.7
2007	(s)	1.3	0.3	16
2009	_	1.3	0.7	2.0
2010	_	1.5	0.5	2.0
2011	_	1.4	0.5	1.9
2012	_	1.4	0.4	1.9
2009 2010 2011 2012 2013 2014 2015 2016	<del>-</del>	1.6 1.7	0.7 0.5 0.5 0.4 0.3 0.3 0.5 0.6	1.8
2014	<del>-</del>	1.7	0.3	2.0
2015	_	1.6 1.6	0.5	2.2
2010	_	1.0	0.0 0.6	2.Z 2.1
2017 2018 2019 2020 2021 2022 2023	<b>-</b>	1.5 1 Q	0.0	2.4 2.1 5.0 4.8 9.1 3.3 1.9 1.5 1.6 1.8 1.6 1.8 2.6 2.0 1.9 2.4 2.2 2.1 1.5 2.7 1.6 2.0 2.0 1.9 1.9 1.8 2.0 2.0 2.0 2.0 2.0 2.0 2.1 2.1 2.5 2.1 2.5 2.4 2.3 2.4 2.4 2.4 2.1
2019	<u>-</u>	1.9	0.0	2.3
2020	_	1.9 1.8 1.6	0.6 0.6 0.7	2.3
2021	_	1.8 1.7	0.6	2.4
2022	_	1.7	0.6 0.6	2.4
2023	_	1.6	0.6	2.1

<sup>&</sup>lt;sup>a</sup> Excludes supplemental gaseous fuels.

— = No consumption. Where shown, R = Revised data and (s) = Value less than 0.05.

Notes: • Data are carbon dioxide (CO2) emissions estimates from fossil fuels primary energy consumption, excluding renewable energy. The state data do not account for interstate flow of electricity and represent CO2 emissions in the state where fossil fuels are burned to generate electricity, although the electricity might be sold to ultimate customers in other states and sectors.

Web page: All data are available at https://www.eia.gov/state/seds/seds-data-complete.php.

Data source: Table by the U.S. Energy Information Administration, State Energy Data System. See technical notes. https://www.eia.gov/state/seds/

b Excludes biofuels.

<sup>·</sup> Totals may not equal sum of components due to independent rounding. · The commercial sector includes commercial combined-heat-and-power (CHP) and commercial electricity-only plants. • The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the technical notes for each type of energy.

Table CO2.T4. Industrial sector CO2 emissions estimates from energy consumption, 1960-2023, Louisiana (million metric tons of carbon dioxide (CO2))

Year	Coal	Natural gas <sup>a</sup>	Petroleum <sup>b</sup>	Total
		Titalian gao		1000
1960	<u>_</u>	39.3	11.0	50.3
1965	<u> </u>	42.6	15.8	58.4
1970	_	67.7	15.8 22.7	50.3 58.4 90.3
1975	_	64.8	27.7	92.5
1980	0.2	62.9	48.7	111.8 88.8
1985	1.0 1.5 0.7	51.6	36.2	88.8
1990	1.5	62.5	40.8	104.8
1995 1996	0.7	64.2	45.3	110.2 114.9
1996	0.2 0.2	64.8 71.6	49.8 49.8	121.6
1998	0.2	61.5	45.5 45.9	107.6
1999	0.1	56.4	49.8	106.3
2000	0.1	60.3	51.8	112.3
2001	0.2	49.7	52.0	101.8
2002	0.1	52.0	51.9	103.9
2003	0.3 0.2	51.1	51.6	103.0
2004	0.2	53.1	55.7	109.0 103.9
2005	0.2	49.8	54.0	103.9
2006 2007	0.2 0.2	53.7 55.8	60.7 61.9	114.6 117.8
2007	0.2	55.6	61.8	117.8
2008	0.2 (e)	50.2	55.5	105.7
2010	(s) (s) 0.1	56.0	58.6	105.7 114.7
2011	0.1	57.8	56.9	114.8
2012	0.2	59.4	52.5	112.1
2013	0.2	58.1	48.5	106.9
2014	0.3	59.1	47.7	107.1
2015	0.4	57.7	47.0	105.1
2016	0.4	62.4	47.9	110.7
2017 2018	0.4	64.3	50.1	114.8
2018	0.4 0.3	68.3 69.7	49.3 49.5	118.1 119.5
2019	0.3	66.5	49.5 45.5	112.3
2020	0.3	62.8	45.5 45.6	108.8
2022	0.5	69.0	39.4	108.9
2023	0.4	67.7	38.7	106.8

<sup>&</sup>lt;sup>a</sup> Excludes supplemental gaseous fuels.

— = No consumption. Where shown, R = Revised data and (s) = Value less than 0.05.

Notes: • Data are carbon dioxide (CO2) emissions estimates from fossil fuels primary energy consumption, excluding renewable energy. The state data do not account for interstate flow of electricity and represent CO2 emissions in the state where fossil fuels are burned to generate electricity, although the electricity might be sold to ultimate customers in other states and sectors.

Web page: All data are available at https://www.eia.gov/state/seds/seds-data-complete.php.

Data source: Table by the U.S. Energy Information Administration, State Energy Data System. See technical notes. https://www.eia.gov/state/seds/

b Excludes biofuels.

<sup>·</sup> Totals may not equal sum of components due to independent rounding. · The industrial sector includes industrial combined-heat-and-power (CHP) and industrial electricity-only plants. • The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the technical notes for each type of energy.

Table CO2.T5. Transportation sector CO2 emissions estimates from energy consumption, 1960-2023, Louisiana (million metric tons of carbon dioxide (CO2))

Vaan	Ocal 2	National man h	Datus Issues C	Tatal
Year	Coal <sup>a</sup>	Natural gas <sup>b</sup>	Petroleum <sup>c</sup>	Total
1960	_	1.7	16.1	17.8
1965	_	3.0	18.2	17.8 21.2 26.8
1970	_	3.9	22.9	26.8
1975	_	3.3	32.4	35.8 45.4
1980	<del>-</del>	4.1	41.4	45.4
1985	_	2.3	39.1	41.4
1990	_	3.1	45.7	48.8
1995 1996	_	3.6 3.8	50.3 55.4	53.9 50.0
1990		3.0 1/3	52.2	59.2 56.5
1998	_	4.3 3.5	51.9	55.3
1999	_	2.7	52.5	53.9 59.2 56.5 55.3 55.2
2000	_	2.9 2.6	58.3	61.2
2001 2002	<del>-</del>	2.6	50.9	53.5
2002	_	2.8 2.6	52.1 52.3	61.2 53.5 54.9 54.9 53.7 50.9
2003	_	2.6	52.3	54.9
2004	_	2.5	51.2	53.7
2005	_	2.3	48.6	50.9
2006 2007	_	2.6 2.9	52.2 47.6	54.9 50.4
2007		2.9	44.4	47.3
2009	<u> </u>	2.7	43.7	46.5
2010	_	2.6	39.5	42.0
2011	_	2.8	40.1	<i>1</i> 2 Q
2012 2013	<del>-</del>	2.6	36.2	38.8
2013	_	2.0 2.7	35.6	38.8 37.6 35.7 36.4 37.6
2014	_	2.7	33.0	35.7
2015	_	2.0	34.4	36.4
2016	_	4.6	33.0	37.6
2017	_	5.5	35.3	40.7
2018 2019	<del>-</del>	7.2	30.5 31.2	37.7 40.1
2019	_	8.9 9.7	29.0	38.8
2021	<u> </u>	12.1	32.3	44.4
2022	_	15.2	32.4	47.5
2023	_	15.2	31.8	47.0

<sup>&</sup>lt;sup>a</sup> Beginning in 1978, consumption data not collected and assumed to be zero.

Notes: Data are carbon dioxide (CO2) emissions estimates from fossil fuels primary energy consumption, excluding renewable energy. The state data do not account for interstate flow of electricity and represent CO2 emissions in the state where fossil fuels are burned to generate

electricity, although the electricity might be sold to ultimate customers in other states and sectors. Totals may not equal sum of components due to independent rounding. The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the technical notes for each type of energy.

Web page: All data are available at https://www.eia.gov/state/seds/seds-data-complete.php.

Data source: Table by the U.S. Energy Information Administration, State Energy Data System. See technical notes. https://www.eia.gov/state/seds/

<sup>&</sup>lt;sup>b</sup> Transportation use of natural gas to operate pipelines and as vehicle fuel. Excludes supplemental gaseous fuels.

<sup>&</sup>lt;sup>'c'</sup> Excludes biofuels.

<sup>— =</sup> No consumption. Where shown, R = Revised data and (s) = Value less than 0.05.

Table CO2.T6. Electric power sector CO2 emissions estimates from energy consumption, 1960-2023, Louisiana (million metric tons of carbon dioxide (CO2))

1998 21.3 17.7 2.5 41.5					
1970	Year	Coal	Natural gas <sup>a</sup>	Petroleum <sup>b</sup>	Total
1970	1960	<u> </u>	6.6	(a)	6.6
1970	1965	(s)	9.7	(s)	9.7
1985       14.1       15.8       0.1       30.0         1995       19.9       18.0       1.9       33.7         1996       19.3       14.0       2.0       35.4         1997       21.3       15.3       2.5       39.2         1998       21.6       17.7       2.5       41.5         2000       24.0       16.7       2.2       42.9         2001       22.7       13.4       3.4       3.9         2002       22.0       17.6       2.0       41.7         2003       23.4       12.9       2.9       39.3         2004       24.4       13.4       3.4       41.2         2005       24.1       15.6       3.4       41.2         2005       24.1       10.8       2.1       38.1         2007       23.7       12.3       2.4       38.1         2008       24.9       12.9       2.2       40.1         2009       24.1       12.9       2.2       40.1         2009       24.1       12.9       2.2       40.1         2010       25.1       10.8       2.1       38.1         2010	1970		18.1	0.1	18.2
1985       14.1       15.8       0.1       30.0         1995       19.9       18.0       1.9       33.7         1996       19.3       14.0       2.0       35.4         1997       21.3       15.3       2.5       39.2         1998       21.6       17.7       2.5       41.5         2000       24.0       16.7       2.2       42.9         2001       22.7       13.4       3.4       3.9         2002       22.0       17.6       2.0       41.7         2003       23.4       12.9       2.9       39.3         2004       24.4       13.4       3.4       41.2         2005       24.1       15.6       3.4       41.2         2005       24.1       10.8       2.1       38.1         2007       23.7       12.3       2.4       38.1         2008       24.9       12.9       2.2       40.1         2009       24.1       12.9       2.2       40.1         2009       24.1       12.9       2.2       40.1         2010       25.1       10.8       2.1       38.1         2010	1975	<del>-</del>	20.0	2.7	22.7
1 1990       18.3       15.8       0.2       34.4         1996       19.3       14.0       2.0       35.4         1997       21.3       15.3       2.5       39.2         1998       21.3       17.7       2.5       41.5         1999       21.6       17.7       2.1       44.4         2000       24.0       16.7       2.2       22.2         2001       22.7       13.4       3.4       39.5         2002       22.0       17.6       2.0       41.7         2003       23.4       12.9       2.9       39.3         2004       24.4       13.4       3.4       41.2         2005       24.1       15.6       3.4       42.1         2006       25.1       10.8       2.1       38.1         2007       23.7       12.3       2.4       38.2         2008       24.9       12.9       2.2       40.1         2009       24.1       12.2       1.7       38.1         2010       24.8       14.7       3.3       2.4       38.2         2011       25.7       15.9       4.9       4.6       4.8	1980		23.5	3.9	27.3
1997     21.3     15.3     2.5     39.2       1998     21.6     17.7     2.5     41.5       2000     24.0     16.7     2.2     42.2       2001     22.7     13.4     3.4     39.2       2002     22.0     17.6     2.0     41.7       2003     23.4     12.9     2.9     39.3       2004     24.4     13.4     3.4     41.2       2005     24.1     15.6     3.4     43.1       2006     25.1     10.8     2.1     38.1       2007     23.7     12.3     2.4     38.3       2008     24.9     12.9     2.2     40.1       2010     24.1     12.9     2.2     40.1       2011     25.7     15.9     4.9     4.2       2011     25.7     15.9     4.9     4.2       2012     22.6     17.4     3.2     4.2       2013     21.6     14.5     5.0     41.6       2014     19.8     14.5     5.0     41.0       2015     16.3     18.6     4.4     39.3       2016     13.0     18.0     5.2     36.2       2017     13.2     15.2     5.	1985	14.1	15.8 15.9	0.1	30.0 34.4
1997     21.3     15.3     2.5     39.2       1998     21.6     17.7     2.5     41.5       2000     24.0     16.7     2.2     42.5       2001     22.7     13.4     3.4     39.5       2002     22.0     17.6     2.0     41.7       2003     23.4     12.9     2.9     39.3       2004     24.4     13.4     3.4     41.2       2005     24.1     15.6     3.4     43.1       2006     25.1     10.8     2.1     38.1       2007     23.7     12.3     2.4     38.3       2008     24.9     12.9     2.2     40.1       2010     24.1     12.9     2.2     40.1       2011     25.7     15.9     4.9     4.2       2011     25.7     15.9     4.9     4.5       2012     22.6     17.4     3.2     4.2       2013     21.6     14.5     5.0     41.0       2014     19.8     14.5     5.0     41.0       2015     16.3     18.6     4.4     39.3       2016     13.0     18.0     5.2     36.2       2018     12.8     16.3     4.	1990	10.3	13.0	1.9	34.4 39.7
1997     21.3     15.3     2.5     39.2       1998     21.6     17.7     2.5     41.5       2000     24.0     16.7     2.2     42.2       2001     22.7     13.4     3.4     39.2       2002     22.0     17.6     2.0     41.7       2003     23.4     12.9     2.9     39.3       2004     24.4     13.4     3.4     41.2       2005     24.1     15.6     3.4     43.1       2006     25.1     10.8     2.1     38.1       2007     23.7     12.3     2.4     38.3       2008     24.9     12.9     2.2     40.1       2010     24.1     12.9     2.2     40.1       2011     25.7     15.9     4.9     4.2       2011     25.7     15.9     4.9     4.2       2012     22.6     17.4     3.2     4.2       2013     21.6     14.5     5.0     41.6       2014     19.8     14.5     5.0     41.0       2015     16.3     18.6     4.4     39.3       2016     13.0     18.0     5.2     36.2       2017     13.2     15.2     5.	1996	19.3	14.0	2.0	35.4
1998       21.3       17.7       2.5       41.5         1999       21.6       17.7       2.1       41.4         2000       24.0       16.7       2.2       42.2         2001       22.7       13.4       3.4       39.5         2002       22.0       17.6       2.0       41.7         2003       23.4       12.9       2.9       39.3         2004       24.4       13.4       3.4       41.2         2005       24.1       15.6       3.4       41.2         2006       25.1       10.8       2.1       38.1         2007       23.7       12.3       2.4       38.3         2008       24.9       12.9       2.2       40.1         2009       24.1       12.9       2.2       40.1         2010       24.8       14.7       3.3       42.7         2011       25.7       15.9       4.9       45.5         2012       22.6       17.4       3.2       43.2         2013       21.6       14.5       5.0       41.0         2014       19.8       14.5       5.2       39.9         2016	1997	21.3	15.3	2.5	39.2
1999       21.6       17.7       2.1       41.4         2000       24.0       16.7       2.2       42.5         2001       22.7       13.4       3.4       39.5         2002       22.0       17.6       2.0       41.7         2003       23.4       12.9       2.9       39.3         2004       24.4       13.4       3.4       41.2         2005       24.1       15.6       3.4       43.1         2006       25.1       10.8       2.1       38.1         2007       23.7       12.3       2.4       38.3         2008       24.9       12.9       2.2       40.1         2010       24.8       14.7       3.3       2.4       38.5         2011       25.7       15.9       4.9       46.5       2.7         2012       22.6       17.4       3.2       49.2       46.5         2013       21.6       14.5       5.0       41.0         2014       19.8       14.5       5.2       39.5         2016       13.0       18.6       4.4       39.3         2016       13.0       18.6       4.4	1998	21.3	17.7	2.5	41.5
2005       24.1       15.6       3.4       43.1         2006       25.1       10.8       2.1       38.1         2007       23.7       12.3       2.4       38.3         2008       24.9       12.9       2.2       40.1         2009       24.1       12.2       1.7       38.0         2010       24.8       14.7       3.3       42.7         2011       25.7       15.9       4.9       4.9       46.5         2012       22.6       17.4       3.2       43.2         2013       21.6       14.5       5.0       41.0         2014       19.8       14.5       5.2       39.5         2015       16.3       18.6       4.4       39.3         2016       13.0       18.0       5.2       36.2         2017       13.2       15.2       5.0       33.5         2018       12.8       16.3       4.8       33.9         2019       8.4       18.6       3.7       3.7       30.7         2020       4.3       19.3       3.9       27.5	1999	21.6	17.7	2.1	41 4
2005       24.1       15.6       3.4       43.1         2006       25.1       10.8       2.1       38.1         2007       23.7       12.3       2.4       38.3         2008       24.9       12.9       2.2       40.1         2009       24.1       12.2       1.7       38.0         2010       24.8       14.7       3.3       42.7         2011       25.7       15.9       4.9       4.9       46.5         2012       22.6       17.4       3.2       43.2         2013       21.6       14.5       5.0       41.0         2014       19.8       14.5       5.2       39.5         2015       16.3       18.6       4.4       39.3         2016       13.0       18.0       5.2       36.2         2017       13.2       15.2       5.0       33.5         2018       12.8       16.3       4.8       33.9         2019       8.4       18.6       3.7       3.7       30.7         2020       4.3       19.3       3.9       27.5	2000	24.0	16.7	2.2	42.9
2005       24.1       15.6       3.4       43.1         2006       25.1       10.8       2.1       38.1         2007       23.7       12.3       2.4       38.3         2008       24.9       12.9       2.2       40.1         2009       24.1       12.2       1.7       38.0         2010       24.8       14.7       3.3       42.7         2011       25.7       15.9       4.9       4.9       46.5         2012       22.6       17.4       3.2       43.2         2013       21.6       14.5       5.0       41.0         2014       19.8       14.5       5.2       39.5         2015       16.3       18.6       4.4       39.3         2016       13.0       18.0       5.2       36.2         2017       13.2       15.2       5.0       33.5         2018       12.8       16.3       4.8       33.9         2019       8.4       18.6       3.7       3.7       30.7         2020       4.3       19.3       3.9       27.5	2001	22.7	13.4	3.4	39.5
2005       24.1       15.6       3.4       43.1         2006       25.1       10.8       2.1       38.1         2007       23.7       12.3       2.4       38.3         2008       24.9       12.9       2.2       40.1         2009       24.1       12.2       1.7       38.0         2010       24.8       14.7       3.3       42.7         2011       25.7       15.9       4.9       4.9       46.5         2012       22.6       17.4       3.2       43.2         2013       21.6       14.5       5.0       41.0         2014       19.8       14.5       5.2       39.5         2015       16.3       18.6       4.4       39.3         2016       13.0       18.0       5.2       36.2         2017       13.2       15.2       5.0       33.5         2018       12.8       16.3       4.8       33.9         2019       8.4       18.6       3.7       3.7       30.7         2020       4.3       19.3       3.9       27.5	2002	22.0	17.6	2.0	41./
2005       24.1       15.6       3.4       43.1         2006       25.1       10.8       2.1       38.1         2007       23.7       12.3       2.4       38.3         2008       24.9       12.9       2.2       40.1         2009       24.1       12.2       1.7       38.0         2010       24.8       14.7       3.3       42.7         2011       25.7       15.9       4.9       4.9       46.5         2012       22.6       17.4       3.2       43.2         2013       21.6       14.5       5.0       41.0         2014       19.8       14.5       5.2       39.5         2015       16.3       18.6       4.4       39.3         2016       13.0       18.0       5.2       36.2         2017       13.2       15.2       5.0       33.5         2018       12.8       16.3       4.8       33.9         2019       8.4       18.6       3.7       3.7       30.7         2020       4.3       19.3       3.9       27.5	2003	23.4 24.4	12.9	2.9	39.3 41.2
2006       25.1       10.8       2.1       38.1         2007       23.7       12.3       2.4       38.3         2008       24.9       12.9       2.2       40.1         2009       24.1       12.2       1.7       38.0         2010       24.8       14.7       3.3       42.7         2011       25.7       15.9       4.9       46.5         2012       22.6       17.4       3.2       43.2         2013       21.6       14.5       5.0       41.0         2014       19.8       14.5       5.2       39.3         2015       16.3       18.6       4.4       39.5         2016       13.0       18.0       5.2       36.2         2017       13.2       15.2       5.0       33.5         2018       12.8       16.3       4.8       33.9         2019       8.4       18.6       3.7       30.7         2020       4.3       19.3       3.9       5.2	2004	24.4	15.4	3.4	41.2
2008       24.9       12.9       2.2       40.1         2009       24.1       12.2       1.7       38.0         2010       24.8       14.7       3.3       42.7         2011       25.7       15.9       4.9       46.5         2012       22.6       17.4       3.2       43.2         2013       21.6       14.5       5.0       41.0         2014       19.8       14.5       5.2       39.5         2015       16.3       18.6       4.4       39.3         2016       13.0       18.0       5.2       36.2         2017       13.2       15.2       5.0       33.5         2018       12.8       16.3       4.8       33.9         2019       8.4       18.6       3.7       3.7       30.7         2020       4.3       19.3       3.9       27.5	2006	25.1	10.8	2.1	38.1
2008       24.9       12.9       2.2       40.1         2009       24.1       12.2       1.7       38.0         2010       24.8       14.7       3.3       42.7         2011       25.7       15.9       4.9       46.5         2012       22.6       17.4       3.2       43.2         2013       21.6       14.5       5.0       41.0         2014       19.8       14.5       5.2       39.5         2015       16.3       18.6       4.4       39.3         2016       13.0       18.0       5.2       36.2         2017       13.2       15.2       5.0       33.5         2018       12.8       16.3       4.8       33.9         2019       8.4       18.6       3.7       3.7       30.7         2020       4.3       19.3       3.9       27.5	2007	23.7	12.3	2.4	38.3
2012       22.6       17.4       3.2       43.2         2013       21.6       14.5       5.0       41.0         2014       19.8       14.5       5.2       39.5         2015       16.3       18.6       4.4       39.3         2016       13.0       18.0       5.2       36.2         2017       13.2       15.2       5.0       33.5         2018       12.8       16.3       4.8       33.5         2019       8.4       18.6       3.7       30.7         2020       4.3       19.3       3.9       27.5	2008	24.9	12.9	2.2	40.1
2012       22.6       17.4       3.2       43.2         2013       21.6       14.5       5.0       41.0         2014       19.8       14.5       5.2       39.5         2015       16.3       18.6       4.4       39.3         2016       13.0       18.0       5.2       36.2         2017       13.2       15.2       5.0       33.5         2018       12.8       16.3       4.8       33.5         2019       8.4       18.6       3.7       30.7         2020       4.3       19.3       3.9       27.5	2009	24.1	12.2	1.7	38.0
2012       22.6       17.4       3.2       43.2         2013       21.6       14.5       5.0       41.0         2014       19.8       14.5       5.2       39.5         2015       16.3       18.6       4.4       39.3         2016       13.0       18.0       5.2       36.2         2017       13.2       15.2       5.0       33.5         2018       12.8       16.3       4.8       33.9         2019       8.4       18.6       3.7       30.7         2020       4.3       19.3       3.9       27.5	2010	24.8	14.7	3.3	42.7
2016     13.0     18.0     5.2     36.2       2017     13.2     15.2     5.0     33.5       2018     12.8     16.3     4.8     33.9       2019     8.4     18.6     3.7     30.7       2020     4.3     19.3     3.9     27.5	2011	25.7	15.9	4.9	46.5
2016     13.0     18.0     5.2     36.2       2017     13.2     15.2     5.0     33.5       2018     12.8     16.3     4.8     33.9       2019     8.4     18.6     3.7     30.7       2020     4.3     19.3     3.9     27.5	2012	22.6	1/.4	3.2	43.2
2016     13.0     18.0     5.2     36.2       2017     13.2     15.2     5.0     33.5       2018     12.8     16.3     4.8     33.9       2019     8.4     18.6     3.7     30.7       2020     4.3     19.3     3.9     27.5	2013	∠1.0 10.9	14.5	5.U 5.2	41.U 20.5
2016     13.0     18.0     5.2     36.2       2017     13.2     15.2     5.0     33.5       2018     12.8     16.3     4.8     33.9       2019     8.4     18.6     3.7     30.7       2020     4.3     19.3     3.9     27.5	2014	16.3	18.6	5.2 4.4	39.3
2017       13.2       15.2       5.0       33.5         2018       12.8       16.3       4.8       33.9         2019       8.4       18.6       3.7       30.7         2020       4.3       19.3       3.9       27.5         2021       8.8       17.2       4.4       30.4         2022       8.8       19.8       3.5       32.1         2023       5.2       20.0       1.2       26.3	2016	13.0	18.0	5.2	36.2
2018       12.8       16.3       4.8       33.9         2019       8.4       18.6       3.7       30.7         2020       4.3       19.3       3.9       27.5         2021       8.8       17.2       4.4       30.4         2022       8.8       19.8       3.5       32.1         2023       5.2       20.0       1.2       26.3	2017	13.2	15.2	5.0	33.5
2019     8.4     18.6     3.7     30.7       2020     4.3     19.3     3.9     27.5       2021     8.8     17.2     4.4     30.4       2022     8.8     19.8     3.5     32.1       2023     5.2     20.0     1.2     26.3	2018	12.8	16.3	4.8	33.9
2020     4.3     19.3     3.9     27.5       2021     8.8     17.2     4.4     30.4       2022     8.8     19.8     3.5     32.1       2023     5.2     20.0     1.2     26.3	2019	8.4	18.6	3.7	30.7
2021     8.8     17.2     4.4     30.4       2022     8.8     19.8     3.5     32.1       2023     5.2     20.0     1.2     26.3	2020	4.3	19.3	3.9	27.5
2022 8.8 19.8 3.5 32.1 2023 5.2 20.0 1.2 26.3	2021	8.8	17.2	4.4	30.4
2025 5.2 20.0 1.2 26.3	2022	8.8	19.8	3.5	32.1
	2023	5.2	20.0	1.2	20.3

<sup>&</sup>lt;sup>a</sup> Excludes supplemental gaseous fuels.

Notes: Data are carbon dioxide (CO2) emissions estimates from fossil fuels primary energy consumption, excluding renewable energy. The state data do not account for interstate flow of electricity and represent CO2 emissions in the state where fossil fuels are burned to generate electricity, although the electricity might be sold to ultimate customers in other states and sectors.

consists of electricity-only and combined-heat-and-power (CHP) plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. • The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the technical notes for each type of energy.

Web page: All data are available at https://www.eia.gov/state/seds/seds-data-complete.php.
Data source: Table by the U.S. Energy Information Administration, State Energy Data System. See technical notes. https://www.eia.gov/state/seds/

b Excludes biofuels.

<sup>— =</sup> No consumption. Where shown, R = Revised data and (s) = Value less than 0.05.

<sup>·</sup> Totals may not equal sum of components due to independent rounding. · The electric power sector