

Released: August 2025

Next MECS will be fielded in 2027

Table 10.1 Nonswitchable minimum and maximum consumption, 2022

Level: National and regional data

Row: Energy sources

Column: Consumption potential

Unit: Physical units

Energy sources	Actual consumption	Minimum consumption ^a	Maximum consumption ^b
Total United States			
Electricity receipts ^c (million kilowatthours)	811,473	794,011	819,894
Natural gas (billion cubic feet)	6,827	6,422	6,918
Distillate fuel oil (thousand barrels)	14	13	31
Residual fuel oil (thousand barrels)	2	2	7
Coal (thousand short tons)	19	16	21
HGL (excluding natural gasoline) (thousand barrels)	24	21	65
Northeast Census Region			
Electricity receipts ^c (million kilowatthours)	82,297	80,612	82,768
Natural gas (billion cubic feet)	512	464	519
Distillate fuel oil (thousand barrels)	2	2	5
Residual fuel oil (thousand barrels)	1	*	3
Coal (thousand short tons)	1	1	1
HGL (excluding natural gasoline) (thousand barrels)	3	3	6
Midwest Census Region			
Electricity receipts ^c (million kilowatthours)	257,203	251,447	259,050
Natural gas (billion cubic feet)	1,952	1,851	1,989
Distillate fuel oil (thousand barrels)	3	3	7
Residual fuel oil (thousand barrels)	*	*	1
Coal (thousand short tons)	8	7	9
HGL (excluding natural gasoline) (thousand barrels)	5	5	17
South Census Region			
Electricity receipts ^c (million kilowatthours)	374,172	368,027	379,195
Natural gas (billion cubic feet)	3,645	3,457	3,668
Distillate fuel oil (thousand barrels)	7	7	15
Residual fuel oil (thousand barrels)	1	1	3
Coal (thousand short tons)	5	5	6
HGL (excluding natural gasoline) (thousand barrels)	11	11	26
West Census Region			
Electricity receipts ^c (million kilowatthours)	97,800	93,926	98,881
Natural gas (billion cubic feet)	718	650	742
Distillate fuel oil (thousand barrels)	2	2	4
Residual fuel oil (thousand barrels)	*	*	1
Coal (thousand short tons)	5	4	5
HGL (excluding natural gasoline) (thousand barrels)	4	4	16

Data source: U.S. Energy Information Administration, Office of Energy Demand and Integrated Statistics, Form EIA-846, 2022
Manufacturing Energy Consumption Survey

Note: Totals may not equal sum of components because of independent rounding.

^a *Minimum consumption* represents actual 2022 consumption decreased by the quantity of the designated type of energy that would no longer have been required if all ascertained switching from that type of energy had occurred. The minimum value includes the quantity of 2022 consumption for which switching capability was not ascertained.

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^b *Maximum consumption* represents actual 2022 consumption increased by the quantity of the designated type of energy that would have been required if all ascertained switching into that type of energy had occurred. This value assumes that all indicated substitutions were possible simultaneously and the substitutable amount consists of the sum of all possible switches to the designated type of energy. The estimate assumes that 2022 output remained constant.

^c *Electricity receipts* represent those quantities of electricity generated off the manufacturing establishment site and available at the site for consumption. It includes those quantities for which payment was made, quantities transferred in, quantities purchased and paid for by a central purchasing entity, and quantities for which payment was made in kind. It does not include electricity generated onsite. *Electricity receipts* have not been adjusted to account for any quantities that might have been resold or transferred out. The estimates include those quantities that were ascertained switchable or not switchable, plus an additional quantity for which the switching status was not ascertained.

* Estimate less than 0.5.

D=Withheld to avoid disclosing data for individual establishments.

Q=Withheld because relative standard error (RSE) is greater than 50%.

NA=Not available.

The Census Bureau has reviewed this data product to ensure appropriate access, use, and disclosure protection of the confidential source data (Project No. 7504703, Disclosure Review Board (DRB) approval number: CBDRB-FY25-0054).

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RSE Table 10.1 Relative standard errors for table 10.1
Unit: Percentage

Energy sources	Actual consumption	Minimum consumption ^a	Maximum consumption ^b
Total United States			
Electricity receipts ^c (million kilowatthours)	3.0	3.0	3.0
Natural gas (billion cubic feet)	2.2	2.4	2.2
Distillate fuel oil (thousand barrels)	7.0	7.1	4.3
Residual fuel oil (thousand barrels)	3.5	3.7	5.6
Coal (thousand short tons)	5.1	6.0	4.6
HGL (excluding natural gasoline) (thousand barrels)	4.1	4.6	4.3
Northeast Census Region			
Electricity receipts ^c (million kilowatthours)	6.7	6.8	6.6
Natural gas (billion cubic feet)	4.5	4.8	4.4
Distillate fuel oil (thousand barrels)	15.9	16.2	13.8
Residual fuel oil (thousand barrels)	8.5	5.4	12.9
Coal (thousand short tons)	0.0	0.0	0.1
HGL (excluding natural gasoline) (thousand barrels)	10.8	14.6	13.8
Midwest Census Region			
Electricity receipts ^c (million kilowatthours)	5.3	5.4	5.3
Natural gas (billion cubic feet)	3.3	3.5	3.3
Distillate fuel oil (thousand barrels)	11.4	11.7	6.4
Residual fuel oil (thousand barrels)	9.7	23.5	14.7
Coal (thousand short tons)	0.2	0.2	0.9
HGL (excluding natural gasoline) (thousand barrels)	15.2	17.6	6.4
South Census Region			
Electricity receipts ^c (million kilowatthours)	5.1	5.2	5.0
Natural gas (billion cubic feet)	3.7	3.9	3.7
Distillate fuel oil (thousand barrels)	10.5	10.7	5.3
Residual fuel oil (thousand barrels)	4.9	5.5	5.7
Coal (thousand short tons)	2.1	2.3	1.8
HGL (excluding natural gasoline) (thousand barrels)	3.8	3.8	5.3
West Census Region			
Electricity receipts ^c (million kilowatthours)	5.0	5.3	5.0
Natural gas (billion cubic feet)	2.8	3.1	2.7
Distillate fuel oil (thousand barrels)	21.1	21.4	15.6
Residual fuel oil (thousand barrels)	4.4	7.0	4.0
Coal (thousand short tons)	19.6	22.5	19.0
HGL (excluding natural gasoline) (thousand barrels)	5.0	5.3	15.6

Data source: U.S. Energy Information Administration, Office of Energy Demand and Integrated Statistics, Form EIA-846, 2022
Manufacturing Energy Consumption Survey

Note: Totals may not equal sum of components because of independent rounding.

^a *Minimum consumption* represents actual 2022 consumption decreased by the quantity of the designated type of energy that would no longer have been required if all ascertained switching from that type of energy had occurred. The minimum value includes the quantity of 2022 consumption for which switching capability was not ascertained.

^b *Maximum consumption* represents actual 2022 consumption increased by the quantity of the designated type of energy that would have been required if all ascertained switching into that type of energy had occurred. This value assumes that all indicated substitutions were possible simultaneously and the substitutable amount consists of the sum of all possible switches to the

designated type of energy. The estimate assumes that 2022 output remained constant.

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* Estimate less than 0.5.

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Q=Withheld because relative standard error (RSE) is greater than 50%.

NA=Not available.

X=Not defined because RSE corresponds to a data table value of zero.

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