

Released: July 2013

Next MECS will be fielded in 2015

Table 10.1 Nonswitchable Minimum and Maximum Consumption, 2010;

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 kilowatthou	745,247	727,194	770,790
Natural Gas (billion cubic feet)	5,064	4,331	5,298
Distillate Fuel Oil (thousand barrels)	22	20	82
Residual Fuel Oil (thousand barrels)	13	9	46
Coal (thousand short tons)	39	29	41
LPG (thousand barrels)	18	15	94
Northeast Census Region			
Electricity Receipts(c) (million kilowatthou	76,384	74,205	79,981
Natural Gas (billion cubic feet)	427	306	445
Distillate Fuel Oil (thousand barrels)	4	4	15
Residual Fuel Oil (thousand barrels)	5	4	12
Coal (thousand short tons)	3	3	3
LPG (thousand barrels)	4	4	10
Midwest Census Region			
Electricity Receipts(c) (million kilowatthou	228,561	220,778	233,974
Natural Gas (billion cubic feet)	1,393	1,167	1,473
Distillate Fuel Oil (thousand barrels)	4	3	23
Residual Fuel Oil (thousand barrels)	1	*	8
Coal (thousand short tons)	16	12	17
LPG (thousand barrels)	4	4	35
South Census Region			
Electricity Receipts(c) (million kilowatthou	338,710	332,413	353,135
Natural Gas (billion cubic feet)	2,647	2,352	2,746
Distillate Fuel Oil (thousand barrels)	8	7	32
Residual Fuel Oil (thousand barrels)	6	4	23
Coal (thousand short tons)	14	10	15
LPG (thousand barrels)	5	5	28

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Energy Sources	Actual Consumption	Minimum Consumption(a)	Maximum Consumption(b)
West Census Region			
Electricity Receipts(c) (million kilowatthou	101,593	99,798	103,700
Natural Gas (billion cubic feet)	597	506	634
Distillate Fuel Oil (thousand barrels)	6	6	13
Residual Fuel Oil (thousand barrels)	1	1	3
Coal (thousand short tons)	6	4	6
LPG (thousand barrels)	4	3	21

(a) Minimum consumption represents actual 2010 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 2010 consumption for which switching capability was not ascertained.

(b) Maximum consumption represents actual 2010 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 2010 output remained constant.

(c) 'Electricity Receipts' represents 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' has 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.

NF=No applicable RSE row/column factor.

* Estimate less than 0.5.

W=Withheld to avoid disclosing data for individual establishments.

Q=Withheld because Relative Standard Error is greater than 50 percent.

NA=Not available.

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Energy Sources	Actual Consumption	Minimum Consumption(a)	Maximum Consumption(b)
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Notes: Totals may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Form EIA-846, '2010 Manufacturing Energy Consumption Survey.'

RSE Table 10.1 Relative Standard Errors for Table 10.1;**Unit: Percents.**

Energy Sources	Actual Consumption	Minimum Consumption(a)	Maximum Consumption(b)
Total United States			
Electricity Receipts(c) (million kilowatthours)	1.1	1.1	1.0
Natural Gas (billion cubic feet)	1.0	1.1	1.0
Distillate Fuel Oil (thousand barrels)	7.7	8.5	3.7
Residual Fuel Oil (thousand barrels)	3.5	4.4	2.2
Coal (thousand short tons)	0.9	1.1	0.9
LPG (thousand barrels)	3.4	3.8	2.8
Northeast Census Region			
Electricity Receipts(c) (million kilowatthours)	3.0	3.1	2.9
Natural Gas (billion cubic feet)	3.1	4.0	3.1
Distillate Fuel Oil (thousand barrels)	6.9	7.9	4.1
Residual Fuel Oil (thousand barrels)	7.4	8.4	4.7
Coal (thousand short tons)	3.0	3.6	3.1
LPG (thousand barrels)	2.4	2.5	3.1
Midwest Census Region			
Electricity Receipts(c) (million kilowatthours)	2.6	2.6	2.6
Natural Gas (billion cubic feet)	2.4	2.6	2.3
Distillate Fuel Oil (thousand barrels)	10.7	11.5	10.3
Residual Fuel Oil (thousand barrels)	6.6	16.8	6.3
Coal (thousand short tons)	1.7	2.2	1.7
LPG (thousand barrels)	11.4	12.5	5.7
South Census Region			
Electricity Receipts(c) (million kilowatthours)	1.5	1.5	1.5
Natural Gas (billion cubic feet)	1.2	1.4	1.2
Distillate Fuel Oil (thousand barrels)	5.5	5.9	3.5
Residual Fuel Oil (thousand barrels)	4.4	6.1	2.8
Coal (thousand short tons)	1.5	1.7	1.5
LPG (thousand barrels)	4.8	5.4	4.6
West Census Region			
Electricity Receipts(c) (million kilowatthours)	2.8	2.8	2.7
Natural Gas (billion cubic feet)	3.2	3.8	3.1
Distillate Fuel Oil (thousand barrels)	25.3	27.4	12.7
Residual Fuel Oil (thousand barrels)	3.8	3.8	3.3

RSE Table 10.1 Relative Standard Errors for Table 10.1;**Unit: Percents.**

Energy Sources	Actual Consumption	Minimum Consumption(a)	Maximum Consumption(b)
Coal (thousand short tons)	0.5	0.7	0.6
LPG (thousand barrels)	5.4	5.8	5.6

(a) Minimum consumption represents actual 2010 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 2010 consumption for which switching capability was not ascertained.

(b) Maximum consumption represents actual 2010 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 2010 output remained constant.

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NF=No applicable RSE row/column factor.

* Estimate less than 0.5.

W=Withheld to avoid disclosing data for individual establishments.

Q=Withheld because Relative Standard Error is greater than 50 percent.

NA=Not available.

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

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

Source: Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Form EIA-846, '2010 Manufacturing Energy Consumption Survey.'