

Table 32. Metal Based Durables Sector Energy Consumption  
(trillion Btu)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	
<b>Fabricated Metal Product Consumption 1/</b>														
Liquefied Petroleum Gases	2.4	2.0	1.8	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.1	2.1
Distillate Fuel Oil	3.3	3.3	2.4	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.4	2.4	2.4
Residual Fuel Oil	3.0	2.6	1.8	1.5	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.4
Petroleum Coke	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Petroleum Subtotal	8.7	8.0	5.9	5.6	5.7	5.7	5.7	5.7	5.8	5.9	6.0	5.9	5.9	5.9
Natural Gas	197.3	189.7	196.5	197.0	196.7	197.5	196.4	197.1	198.1	199.4	199.7	201.1	201.4	
Metallurgical Coal	3.9	3.7	3.7	3.6	3.6	3.5	3.4	3.3	3.2	3.2	3.1	3.0	3.0	
Steam Coal	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Purchased Electricity	161.3	162.0	165.8	166.5	167.6	168.3	168.3	169.9	172.4	174.4	176.4	178.6	180.2	
Total	371.4	363.6	372.2	372.9	373.8	375.2	373.9	376.2	379.6	383.0	385.4	388.8	390.7	
<b>Machinery Consumption 1/</b>														
Liquefied Petroleum Gases	1.4	1.3	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Distillate Fuel Oil	0.8	0.8	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.6	0.6	
Residual Fuel Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Petroleum Coke	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Petroleum Subtotal	2.2	2.1	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
Natural Gas	79.0	78.0	82.0	82.7	81.2	80.9	80.8	81.5	82.3	83.7	84.5	85.8	86.5	
Steam Coal	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Purchased Electricity	88.4	92.9	96.5	96.7	95.7	95.1	95.4	96.6	98.6	100.7	102.8	104.9	106.8	
Total	172.0	175.5	182.7	183.6	181.1	180.1	180.3	182.1	185.0	188.5	191.5	194.8	197.5	
<b>Computers Consumption 1/</b>														
Liquefied Petroleum Gases	0.7	0.7	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Distillate Fuel Oil	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	
Residual Fuel Oil	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Petroleum Coke	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Petroleum Subtotal	1.0	1.2	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	
Natural Gas	52.0	53.1	55.8	56.9	57.4	59.4	61.5	63.6	65.9	68.3	70.2	72.7	75.2	
Steam Coal	15.8	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	
Renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Purchased Electricity	129.9	138.2	143.6	147.0	149.0	153.8	159.2	165.2	171.6	177.1	182.6	188.6	195.0	
Total	198.8	209.0	217.0	221.4	223.9	230.7	238.2	246.3	255.0	262.9	270.3	278.8	287.8	
<b>Transportation Equipment Consumption 1/</b>														
Liquefied Petroleum Gases	2.2	2.0	1.6	1.5	1.5	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Distillate Fuel Oil	2.0	1.9	1.5	1.4	1.4	1.4	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6
Residual Fuel Oil	11.7	11.0	8.3	8.3	8.1	7.8	7.6	7.6	7.5	8.0	7.8	7.5	7.6	
Petroleum Coke	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Petroleum Subtotal	15.9	14.9	11.4	11.1	10.9	10.7	10.5	10.5	10.6	11.1	10.9	10.6	10.7	
Natural Gas	188.1	179.7	184.0	183.3	186.8	193.5	197.5	205.2	209.5	212.5	213.6	215.8	216.2	
Steam Coal	4.2	4.2	4.2	4.1	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	3.9	
Renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Purchased Electricity	173.6	173.3	171.8	170.2	173.9	179.2	183.3	191.0	196.3	199.5	201.4	203.1	204.1	
Total	381.8	372.0	371.3	368.8	375.8	387.4	395.4	410.8	420.4	427.0	430.0	433.4	434.9	
<b>Electrical Equipment Consumption 1/</b>														
Liquefied Petroleum Gases	1.1	0.9	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Distillate Fuel Oil	0.7	0.7	0.6	0.5	0.5	0.5	0.5	0.6	0.5	0.6	0.6	0.6	0.6	0.6
Residual Fuel Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Petroleum Coke	77.1	77.6	79.8	82.0	82.8	83.9	84.9	85.5	86.7	87.8	89.0	90.2	91.5	

Table 32. Metal Based Durables Sector Energy Consumption  
(trillion Btu)

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Petroleum Subtotal	78.9	79.1	81.1	83.3	84.1	85.2	86.1	86.8	88.0	89.2	90.3	91.6	92.9
Natural Gas	53.9	52.8	55.1	55.8	55.8	56.8	57.7	58.5	59.3	60.3	61.0	61.8	62.7
Steam Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Renewables	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Purchased Electricity	52.3	53.2	54.4	54.8	54.9	55.6	56.4	57.1	58.1	58.9	59.8	60.6	61.4
Total	185.2	185.1	190.6	193.9	194.8	197.6	200.4	202.5	205.5	208.5	211.1	214.0	217.0
Value of Shipments (billion 2000 dollars)													
Fabricated Metal Products	250.89	251.85	263.61	268.33	273.49	277.34	278.86	283.32	289.04	294.86	300.94	307.44	313.07
Machinery	278.15	295.90	314.06	318.11	317.06	316.94	318.88	323.17	330.99	340.41	350.22	360.63	370.76
Computers	494.78	543.94	581.82	616.19	640.83	671.66	701.70	733.72	770.57	806.02	841.39	882.69	926.19
Transportation Equipment	666.20	661.62	665.72	674.76	699.67	730.65	755.23	794.83	823.93	847.91	865.35	882.92	899.56
Electrical Equipment	106.78	108.28	112.41	116.84	118.93	121.45	123.86	125.83	128.48	131.23	133.78	136.49	139.27
Energy Consumption per Unit of Output (thousand Btu per 2000 dollar shipments)													
Fabricated Metal Products	1.48	1.44	1.41	1.39	1.37	1.35	1.34	1.33	1.31	1.30	1.28	1.26	1.25
Machinery	0.62	0.59	0.58	0.58	0.57	0.57	0.57	0.56	0.56	0.55	0.55	0.54	0.53
Computers	0.40	0.38	0.37	0.36	0.35	0.34	0.34	0.34	0.33	0.33	0.32	0.32	0.31
Transportation Equipment	0.57	0.56	0.56	0.55	0.54	0.53	0.52	0.52	0.51	0.50	0.50	0.49	0.48
Electrical Equipment	1.73	1.71	1.70	1.66	1.64	1.63	1.62	1.61	1.60	1.59	1.58	1.57	1.56
Carbon Dioxide Emissions 2/ (million metric tons)													
Fabricated Metal Products	42.2	41.8	42.2	42.1	42.1	42.3	42.4	42.6	43.0	43.4	43.9	44.3	44.5
Machinery	21.4	22.2	22.7	22.7	22.3	22.2	22.3	22.5	22.9	23.3	23.8	24.2	24.6
Computers	29.1	30.7	31.4	32.0	32.2	33.2	34.4	35.6	36.8	37.9	39.1	40.2	41.5
Transportation Equipment	44.6	44.0	43.1	42.6	43.2	44.5	45.6	47.4	48.5	49.2	49.8	50.0	50.2
Electrical Equipment	16.9	17.0	17.2	17.4	17.4	17.6	17.9	18.1	18.4	18.6	18.9	19.1	19.4
Fabricated Metal Products, Machinery, Computers, Transportation Equipment, and Electrical Equipment:													
Combined Heat and Power 3/													
Generating Capacity (gigawatts)													
Petroleum	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
Natural Gas	0.08	0.07	0.09	0.10	0.12	0.14	0.16	0.18	0.20	0.22	0.25	0.27	0.30
Coal	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22
Other 4/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.41	0.41	0.42	0.43	0.45	0.47	0.49	0.51	0.53	0.56	0.58	0.60	0.63
Net Generation (billion kilowatthours)													
Petroleum	0.14	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
Natural Gas	0.20	0.21	0.30	0.40	0.52	0.67	0.84	1.00	1.15	1.32	1.49	1.67	1.86
Coal	0.72	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
Other 4/	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
Total	1.10	1.16	1.24	1.34	1.46	1.62	1.78	1.94	2.09	2.26	2.43	2.61	2.81
Disposition													
Sales to the Grid	0.02	0.02	0.03	0.05	0.07	0.09	0.12	0.15	0.17	0.20	0.22	0.25	0.28
Generation for Own Use	1.08	1.14	1.21	1.30	1.39	1.52	1.66	1.80	1.92	2.07	2.21	2.36	2.53

Table 32. Metal Based Durables Sector Energy Consumption  
(trillion Btu)

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2005-2030
<b>Fabricated Metal Product Consumption 1/</b>															
Liquefied Petroleum Gases	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	0.5%
Distillate Fuel Oil	2.5	2.4	2.3	2.3	2.2	2.2	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2	-1.7%
Residual Fuel Oil	1.4	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	-3.0%
Petroleum Coke	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Petroleum Subtotal	6.0	5.9	5.7	5.7	5.6	5.6	5.7	5.7	5.7	5.6	5.6	5.6	5.7	5.7	-1.4%
Natural Gas	200.1	199.2	198.7	198.6	199.7	200.2	200.4	200.9	202.0	203.2	204.3	205.1	205.6	206.7	0.3%
Metallurgical Coal	2.9	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.6	-1.4%
Steam Coal	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	-0.5%
Renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Purchased Electricity	181.0	180.8	181.4	182.3	183.1	184.2	185.4	186.3	187.8	189.6	191.5	193.0	194.2	195.7	0.8%
Total	390.1	388.9	388.8	389.5	391.3	392.8	394.4	395.7	398.3	401.3	404.3	406.6	408.3	410.8	0.5%
<b>Machinery Consumption 1/</b>															
Liquefied Petroleum Gases	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	-0.6%
Distillate Fuel Oil	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	-1.0%
Residual Fuel Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Petroleum Coke	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Petroleum Subtotal	1.7	1.7	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	-0.7%
Natural Gas	86.5	86.9	87.4	87.8	88.8	89.3	89.7	90.1	91.0	91.9	92.7	93.2	93.8	94.6	0.8%
Steam Coal	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	N/A
Renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Purchased Electricity	108.1	108.8	110.1	111.5	112.9	114.4	115.9	117.3	119.1	121.2	123.2	125.0	126.7	128.6	1.3%
Total	198.8	199.9	201.6	203.5	206.0	207.9	209.8	211.7	214.3	217.4	220.1	222.4	224.7	227.4	1.0%
<b>Computers Consumption 1/</b>															
Liquefied Petroleum Gases	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	-0.5%
Distillate Fuel Oil	0.3	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	4.6%
Residual Fuel Oil	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.7	5.3%
Petroleum Coke	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Petroleum Subtotal	1.0	1.0	1.1	1.2	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.4%
Natural Gas	76.7	79.5	83.0	86.4	90.3	94.2	97.8	101.5	106.1	110.9	115.3	119.6	123.8	128.8	3.6%
Steam Coal	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	N/A
Renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Purchased Electricity	199.1	204.0	209.9	216.3	222.7	229.7	236.7	243.6	251.7	260.2	268.6	277.0	285.2	294.6	3.1%
Total	293.4	301.1	310.7	320.5	330.9	341.8	352.5	363.2	376.0	389.5	402.3	415.1	427.5	442.0	3.0%
<b>Transportation Equipment Consumption 1/</b>															
Liquefied Petroleum Gases	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	-0.7%
Distillate Fuel Oil	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	-0.3%
Residual Fuel Oil	7.6	7.4	7.2	7.2	7.0	7.1	7.3	7.3	7.5	7.4	7.5	7.7	7.8	7.8	-1.4%
Petroleum Coke	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Petroleum Subtotal	10.8	10.6	10.3	10.4	10.2	10.3	10.6	10.6	10.8	10.7	10.9	11.1	11.3	11.2	-1.1%
Natural Gas	215.2	217.1	219.7	221.6	225.3	228.9	230.0	232.1	236.1	240.0	243.4	246.0	247.7	250.1	1.3%
Steam Coal	3.9	3.9	3.9	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.7	-0.5%
Renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Purchased Electricity	203.9	204.8	206.8	208.4	210.2	213.4	214.1	215.2	218.4	221.2	224.1	226.4	227.2	228.5	1.1%
Total	433.8	436.3	440.7	444.3	449.5	456.4	458.5	461.7	469.1	475.7	482.1	487.2	489.8	493.5	1.1%
<b>Electrical Equipment Consumption 1/</b>															
Liquefied Petroleum Gases	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	0.4%
Distillate Fuel Oil	0.6	0.6	0.5	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.7%
Residual Fuel Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Petroleum Coke	92.9	94.3	95.8	97.3	98.6	100.0	101.4	102.8	104.3	105.9	107.4	108.9	110.5	112.0	1.5%

Table 32. Metal Based Durables Sector Energy Consumption  
(trillion Btu)

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2005-2030
Petroleum Subtotal	94.3	95.7	97.2	98.7	100.1	101.4	102.9	104.3	105.9	107.5	109.0	110.6	112.2	113.8	1.5%
Natural Gas	63.2	64.1	65.1	65.8	66.7	67.4	68.1	68.9	69.7	70.5	71.1	71.7	72.4	73.1	1.3%
Steam Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Renewables	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	N/A
Purchased Electricity	62.1	62.8	63.6	64.4	65.0	65.7	66.4	67.0	67.6	68.2	68.7	69.3	69.8	70.2	1.1%
Total	219.6	222.7	225.9	228.9	231.8	234.7	237.5	240.2	243.2	246.3	248.9	251.6	254.4	257.2	1.3%
Value of Shipments (billion 2000 dollars)															
Fabricated Metal Products	317.56	321.02	325.74	331.15	336.56	342.30	348.43	354.39	360.98	368.10	375.35	381.76	387.64	393.93	1.8%
Machinery	379.09	385.35	393.09	402.11	411.58	420.96	431.06	441.37	452.61	465.11	477.54	488.97	500.58	512.47	2.2%
Computers	961.08	999.99	1041.58	1088.69	1136.40	1187.00	1238.63	1291.49	1349.66	1410.76	1471.35	1533.58	1595.88	1664.85	4.6%
Transportation Equipment	911.14	928.77	950.15	969.83	990.70	1017.33	1030.23	1047.05	1074.60	1100.57	1127.11	1150.77	1167.16	1185.50	2.4%
Electrical Equipment	142.26	145.50	148.81	152.22	155.64	159.23	162.98	166.71	170.43	174.31	178.09	182.13	186.32	190.58	2.3%
Energy Consumption per Unit of Output (thousand Btu per 2000 dollar shipments)															
Fabricated Metal Products	1.23	1.21	1.19	1.18	1.16	1.15	1.13	1.12	1.10	1.09	1.08	1.06	1.05	1.04	-1.3%
Machinery	0.52	0.52	0.51	0.51	0.50	0.49	0.49	0.48	0.47	0.47	0.46	0.45	0.45	0.44	-1.2%
Computers	0.31	0.30	0.30	0.29	0.29	0.29	0.28	0.28	0.28	0.28	0.27	0.27	0.27	0.27	-1.5%
Transportation Equipment	0.48	0.47	0.46	0.46	0.45	0.45	0.45	0.44	0.44	0.43	0.43	0.42	0.42	0.42	-1.2%
Electrical Equipment	1.54	1.53	1.52	1.50	1.49	1.47	1.46	1.44	1.43	1.41	1.40	1.38	1.37	1.35	-0.9%
Carbon Dioxide Emissions 2/ (million metric tons)															
Fabricated Metal Products	44.5	44.3	44.3	44.6	44.9	45.3	45.7	45.9	46.3	46.8	47.3	47.7	48.1	48.6	0.6%
Machinery	24.8	24.9	25.1	25.4	25.8	26.2	26.6	26.9	27.4	27.8	28.3	28.7	29.2	29.7	1.2%
Computers	42.3	43.2	44.4	45.8	47.4	49.1	50.8	52.4	54.2	56.2	58.1	60.0	61.9	64.3	3.0%
Transportation Equipment	50.0	50.1	50.5	51.0	51.7	52.6	53.1	53.5	54.3	55.2	56.0	56.7	57.1	57.6	1.1%
Electrical Equipment	19.6	19.8	20.1	20.3	20.6	20.9	21.2	21.5	21.7	22.0	22.2	22.5	22.7	23.0	1.2%
Fabricated Metal Products, Machinery, Computers, Transportation Equipment, and Electrical Equipment:															
Combined Heat and Power 3/															
Generating Capacity (gigawatts)															
Petroleum	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	N/A
Natural Gas	0.32	0.35	0.39	0.42	0.46	0.49	0.53	0.57	0.60	0.64	0.68	0.72	0.76	0.80	10.0%
Coal	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	N/A
Other 4/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Total	0.66	0.69	0.72	0.75	0.79	0.83	0.86	0.90	0.94	0.98	1.02	1.05	1.09	1.13	4.2%
Net Generation (billion kilowatthours)															
Petroleum	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	N/A
Natural Gas	2.06	2.29	2.54	2.79	3.06	3.33	3.60	3.87	4.16	4.45	4.73	5.01	5.29	5.58	13.9%
Coal	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	N/A
Other 4/	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	N/A
Total	3.00	3.23	3.48	3.73	4.01	4.27	4.54	4.81	5.10	5.39	5.67	5.95	6.24	6.53	7.2%
Disposition															
Sales to the Grid	0.31	0.34	0.38	0.42	0.46	0.50	0.54	0.58	0.62	0.66	0.70	0.74	0.78	0.82	17.1%
Generation for Own Use	2.69	2.89	3.10	3.31	3.55	3.77	4.00	4.23	4.48	4.72	4.97	5.21	5.45	5.70	6.7%

Table 32. Metal Based Durables Sector Energy Consumption  
(trillion Btu)

1/ Fuel consumption includes consumption for combined heat and power.

2/ Includes emissions attributable to the fuels consumed to generate the purchased electricity.

3/ Includes industrial-owned generators not classified as combined heat and power, such as standby generators.

4/ Includes wood and other biomass, waste heat, municipal solid waste, and renewable sources.

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2005 are model results and may differ slightly from official EIA data reports.

Source: 2004 and 2005 nonutility and CHP summer capacity, net generation, fuel use, and thermal output: Energy Information Administration (EIA), Form EIA-860: "Annual Electric Generator Report," 2002 (preliminary). Other 2004 and 2005 data based on: EIA, Manufacturing Energy Consumption Survey, 1998. Projections: EIA, AEO2007 National Energy Modeling System run aeo2007.d112106a.