

Equipment Type Trend Report



Equipment Type Trend Report

DOLLARS

1. All figures reported are in 2012 real dollars and for new equipment only.
2. For 2008, 2009, and 2010, total level figures are actual as reported by the U.S. Census Bureau.
3. For 2011 and 2012, total level figures are estimated based on actual data from 2010 and percent changes in USMTO (as reported by AMT) for 2011 and 2012.
4. For 2008 through 2012, figures reported below the total level are estimated based on the actual total for that year and proportions forecasted by the Capital Spending Survey in that year.
5. For 2013, reported figures are from the Capital Spending Survey.

REGIONS

East North Central – IL, IN, MI, OH, WI
East South Central – AL, KY, MS, TN
Middle Atlantic – NY, PA
Mountain – AZ, CO, ID, MT, NM, NV, UT, WY
New England – CT, MA, ME, NH, RI, VT
Pacific – AK, CA, HI, OR, WA
South Atlantic – DE, FL, GA, MD, NC, NJ, SC, VA, WV
West North Central – IA, KS, MN, MO, ND, NE, SD
West South Central – AR, LA, OK, TX

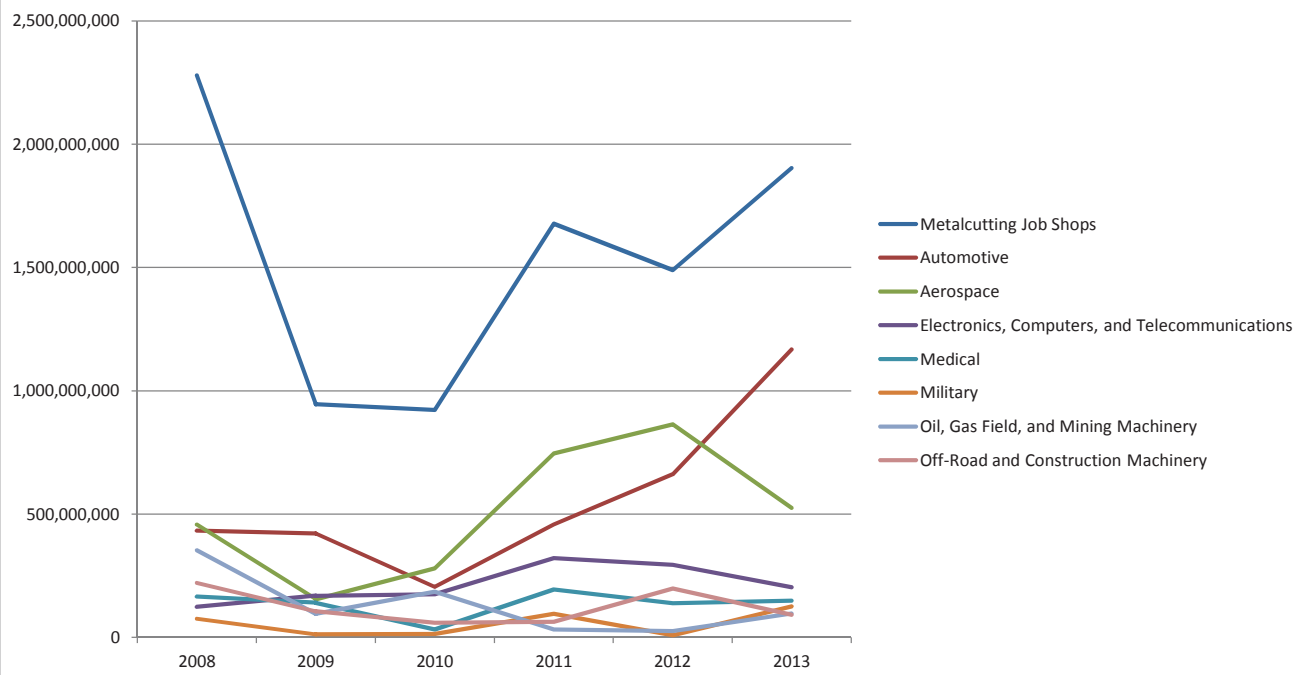
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Total Metalcutting

Industry	2008	2009	2010	2011	2012	2013
Metalcutting Job Shops	2,279,654,252	945,348,582	921,802,374	1,678,048,123	1,488,984,002	1,903,153,792
Automotive	432,434,382	420,823,366	204,704,234	457,584,241	660,765,709	1,167,778,451
Machinery and Equipment Manufacturing	576,759,610	408,369,089	184,592,214	842,251,289	712,122,905	648,639,051
Aerospace	456,534,055	153,990,216	278,990,718	746,171,181	863,485,758	525,157,011
Forming and Fabricating (non-auto)	151,787,561	155,012,878	342,137,709	468,037,663	398,723,185	516,888,991
Other Manufacturing	41,415,973	79,711,215	149,004,717	91,228,385	102,066,052	449,822,612
Primary Metals	27,594,997	6,524,755	698,593	0	0	279,085,842
Electronics, Computers, and Telecommunications	123,491,570	167,950,490	174,605,593	321,206,987	294,232,808	203,603,013
Pumps, Valves and Plumbing Products	362,011,256	145,143,815	216,142,386	223,937,566	790,891,990	175,500,116
Medical	165,139,927	139,954,194	31,317,140	194,102,216	138,507,189	148,110,264
Military	75,381,982	11,570,796	13,797,757	95,671,196	8,005,511	125,030,179
Non-Manufacturing	0	0	0	0	0	110,818,188
Oil, Gas Field, and Mining Machinery	353,069,637	95,024,745	184,764,647	31,534,973	25,694,441	96,392,567
Off-Road and Construction Machinery	221,146,725	105,555,085	58,537,359	63,084,873	197,229,888	90,856,629
Hardware	80,127,125	67,393,975	30,565,327	14,931,611	25,953,040	56,195,093
Plastics and Rubber	5,731,368	0	0	1,207,970	0	32,934,530
Industrial Motors, Hydraulic and Mechanical Components	396,142,163	89,551,540	117,623,988	387,072,803	258,577,306	32,292,502
Wood and Paper Products	0	0	0	0	0	22,221,134
Custom Processors	20,389,075	0	5,586,398	0	0	21,247,562
Ship Building	3,162,505	32,417,815	1,298,422	2,729,679	2,259,097	13,715,103
HVAC	41,923,128	33,437,415	12,917,064	32,950,765	53,903,352	10,786,615
Food and Beverage Processing	0	0	0	0	0	2,718,866
Petrochemical Processors	0	0	1,197,085	0	0	630,895
Printing	0	0	0	0	0	144,322
Construction Materials	88,285,901	0	0	0	0	32,626
Power Generation	64,735,407	118,661,521	77,735,301	4,227,894	134,522,160	0
Furniture Manufacturing	1,528,244	9,944,471	5,199,917	22,418,609	2,405,342	0
Appliances	19,055,223	1,330,751	0	13,005,807	0	0
Textiles, Clothing, and Leather Goods	0	0	0	0	0	0
All	5,987,502,065	3,187,716,713	3,013,218,944	5,691,403,831	6,158,329,733	6,633,755,952

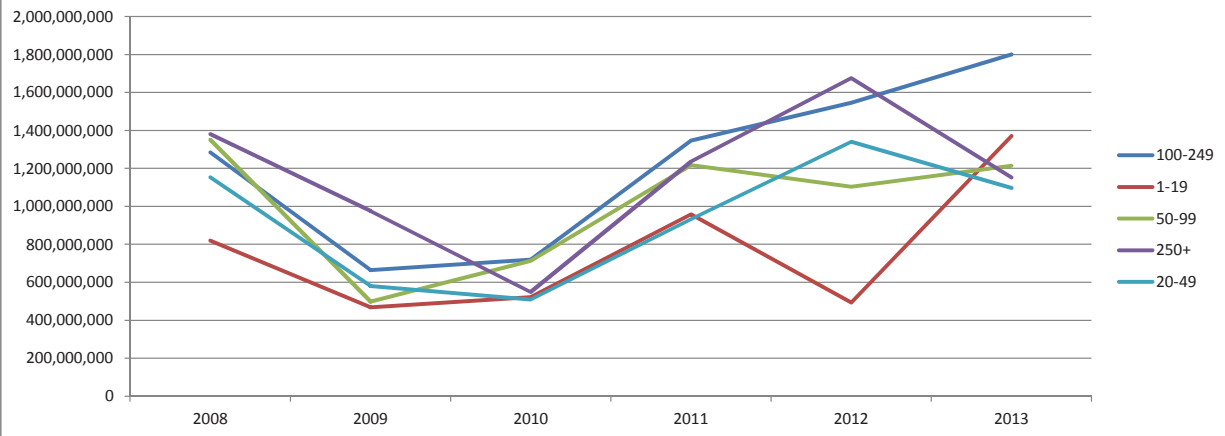
Total Metalcutting - Industry



Total Metalcutting

Plant Size	2008	2009	2010	2011	2012	2013
100-249	1,283,669,559	664,388,787	719,978,810	1,346,886,310	1,545,302,606	1,799,701,288
1-19	819,603,152	468,241,528	522,026,498	958,452,762	493,678,868	1,371,116,493
50-99	1,350,554,807	498,394,209	712,518,717	1,217,524,014	1,103,507,196	1,214,291,681
250+	1,380,436,002	975,864,260	549,455,509	1,236,333,867	1,675,666,771	1,151,685,207
20-49	1,153,238,545	580,827,930	509,239,410	932,206,879	1,340,174,292	1,096,961,284
All	5,987,502,065	3,187,716,713	3,013,218,944	5,691,403,831	6,158,329,733	6,633,755,952

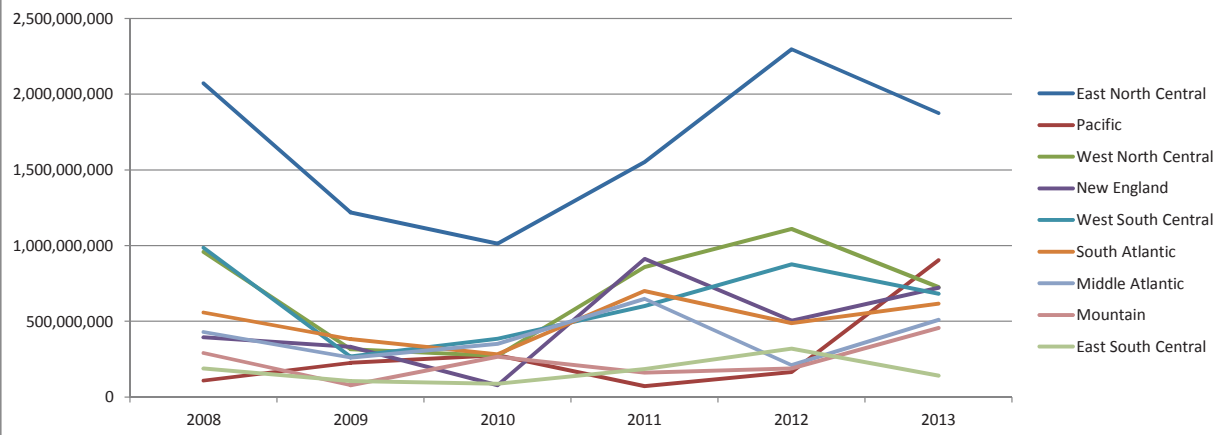
Total Metalcutting - Plant Size



Total Metalcutting

Region	2008	2009	2010	2011	2012	2013
East North Central	2,071,918,744	1,219,445,742	1,012,372,961	1,552,486,383	2,296,213,466	1,875,610,254
Pacific	108,669,106	226,227,511	275,758,954	72,893,922	165,460,665	904,250,790
West North Central	958,673,218	315,861,968	272,557,385	859,432,046	1,110,483,223	725,668,559
New England	393,014,597	331,090,636	77,576,106	911,759,857	504,470,690	720,965,489
West South Central	986,705,890	267,278,958	385,609,922	601,718,795	875,710,113	682,772,278
South Atlantic	558,226,985	382,700,059	282,451,856	699,133,460	488,257,198	616,020,979
Middle Atlantic	429,464,827	261,029,350	352,102,313	648,221,405	209,930,127	509,235,768
Mountain	291,907,631	78,783,812	266,751,149	161,485,340	188,131,211	457,360,926
East South Central	188,921,066	105,298,676	88,038,297	184,272,622	319,673,041	141,870,909
All	5,987,502,065	3,187,716,713	3,013,218,944	5,691,403,831	6,158,329,733	6,633,755,952

Total Metalcutting - Region



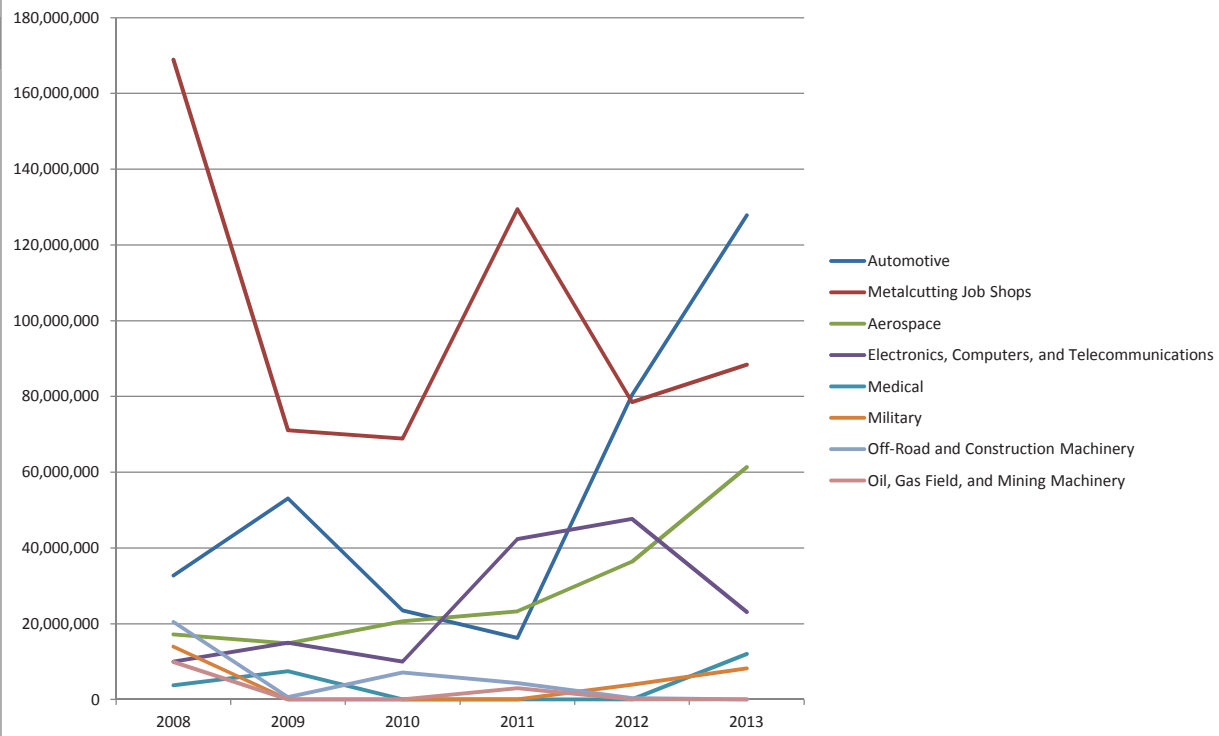
2013

CAPITAL SPENDING Equipment Type Trend Report

HMCs, <400 mm pallet

Industry	2008	2009	2010	2011	2012	2013
Automotive	32,681,701	53,079,657	23,472,163	16,232,406	80,338,571	127,848,356
Metalcutting Job Shops	168,889,459	71,097,201	68,882,805	129,486,209	78,549,158	88,409,653
Aerospace	17,189,629	14,827,201	20,674,543	23,269,343	36,394,946	61,346,130
Forming and Fabricating (non-auto)	7,226,961	35,337,244	14,158,621	6,300,331	41,507,234	35,298,058
Electronics, Computers, and Telecommunications	10,025,956	15,006,417	10,013,937	42,320,740	47,693,878	23,076,787
Machinery and Equipment Manufacturing	23,910,001	31,825,876	2,878,328	12,251,847	21,027,435	14,512,956
Medical	3,704,756	7,435,316	35,135	0	0	11,994,998
Pumps, Valves and Plumbing Products	9,320,842	8,568,462	26,592,209	9,770,596	40,929,971	8,636,399
Military	13,973,621	0	0	0	3,898,799	8,192,488
Hardware	1,280,915	10,089,758	776,215	0	1,346,991	7,504,197
HVAC	0	24,618	796,384	0	588,828	3,134,693
Non-Manufacturing	0	0	0	0	0	66,852
Printing	0	0	0	0	0	59,427
Industrial Motors, Hydraulic and Mechanical Components	24,976,531	17,187,317	3,773,921	17,188,063	22,353,367	35,185
Petrochemical Processors	0	0	0	0	0	27,430
Furniture Manufacturing	0	0	0	0	1,385,477	0
Off-Road and Construction Machinery	20,464,210	617,972	7,126,940	4,317,133	338,672	0
Other Manufacturing	1,371,162	5,782,968	66,481,554	3,060,190	32,958	0
Oil, Gas Field, and Mining Machinery	9,897,982	937	0	3,019,924	0	0
Ship Building	0	35,545	0	136,484	0	0
Primary Metals	1,908,245	107,896	0	0	0	0
Power Generation	0	17,320	0	0	0	0
Appliances	0	0	0	0	0	0
Construction Materials	0	0	0	0	0	0
Custom Processors	0	0	0	0	0	0
Food and Beverage Processing	0	0	0	0	0	0
Plastics and Rubber	0	0	0	0	0	0
Textiles, Clothing, and Leather Goods	0	0	0	0	0	0
Wood and Paper Products	0	0	0	0	0	0
All	346,821,972	271,041,705	245,662,753	267,353,265	376,386,284	390,143,609

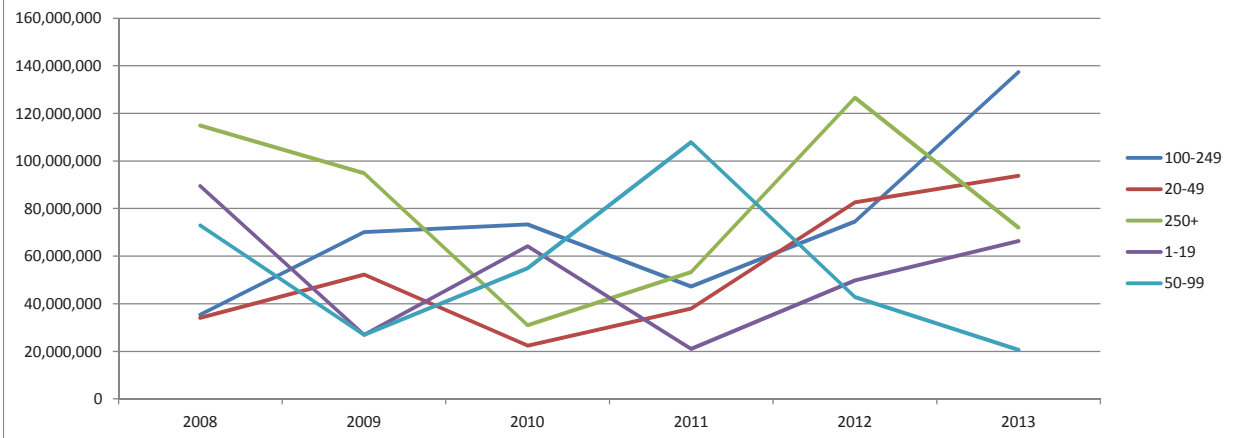
HMCs, <400 mm pallet - Industry



HMCs, <400 mm pallet

Plant Size	2008	2009	2010	2011	2012	2013
100-249	35,399,106	70,051,987	73,265,386	47,276,544	74,567,980	137,407,650
20-49	34,121,540	52,266,322	22,311,009	37,933,699	82,585,735	93,834,545
250+	114,890,096	94,868,373	30,992,861	53,262,764	126,606,789	71,929,493
1-19	89,433,049	26,969,614	64,137,057	20,988,082	49,825,252	66,396,119
50-99	72,978,182	26,885,409	54,956,439	107,892,176	42,800,528	20,575,801
All	346,821,972	271,041,705	245,662,753	267,353,265	376,386,284	390,143,609

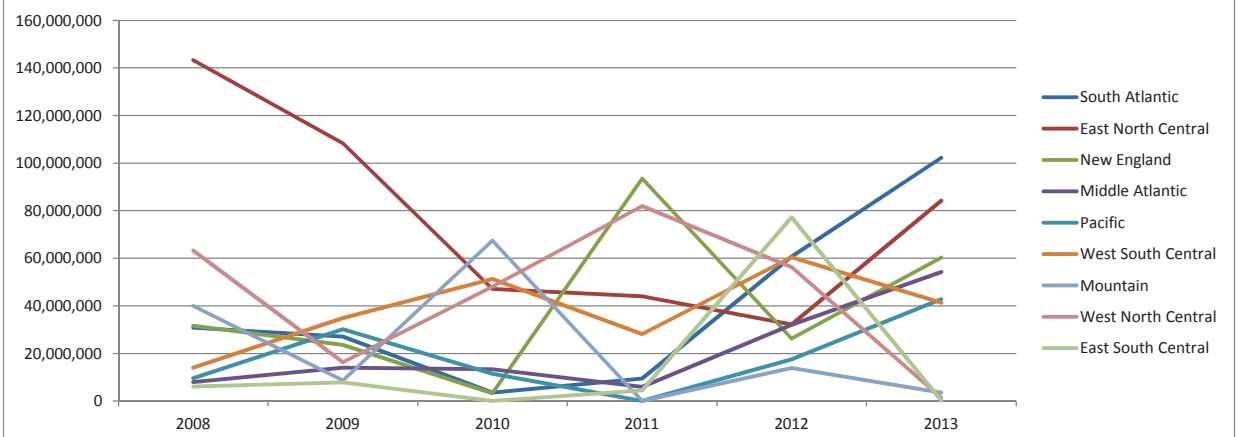
HMCs, <400 mm pallet - Plant Size



HMCs, <400 mm pallet

Region	2008	2009	2010	2011	2012	2013
South Atlantic	30,875,990	27,105,540	3,591,915	9,397,482	60,658,260	102,285,938
East North Central	143,261,464	108,335,356	47,132,240	43,957,426	32,221,257	84,266,255
New England	31,704,474	23,560,078	3,243,012	93,514,764	26,203,810	60,235,057
Middle Atlantic	8,014,423	14,075,699	13,383,955	5,905,501	32,072,353	54,237,087
Pacific	9,614,143	30,148,123	11,449,563	96,638	17,549,372	42,771,552
West South Central	13,991,816	34,895,003	51,282,205	28,091,554	60,379,692	41,320,330
Mountain	39,996,640	8,652,337	67,413,012	0	13,875,137	3,582,506
West North Central	63,213,543	16,378,211	48,063,790	81,951,970	56,196,753	1,316,877
East South Central	6,149,479	7,891,358	103,061	4,437,930	77,229,649	128,008
All	346,821,972	271,041,705	245,662,753	267,353,265	376,386,284	390,143,609

HMCs, <400 mm pallet - Region



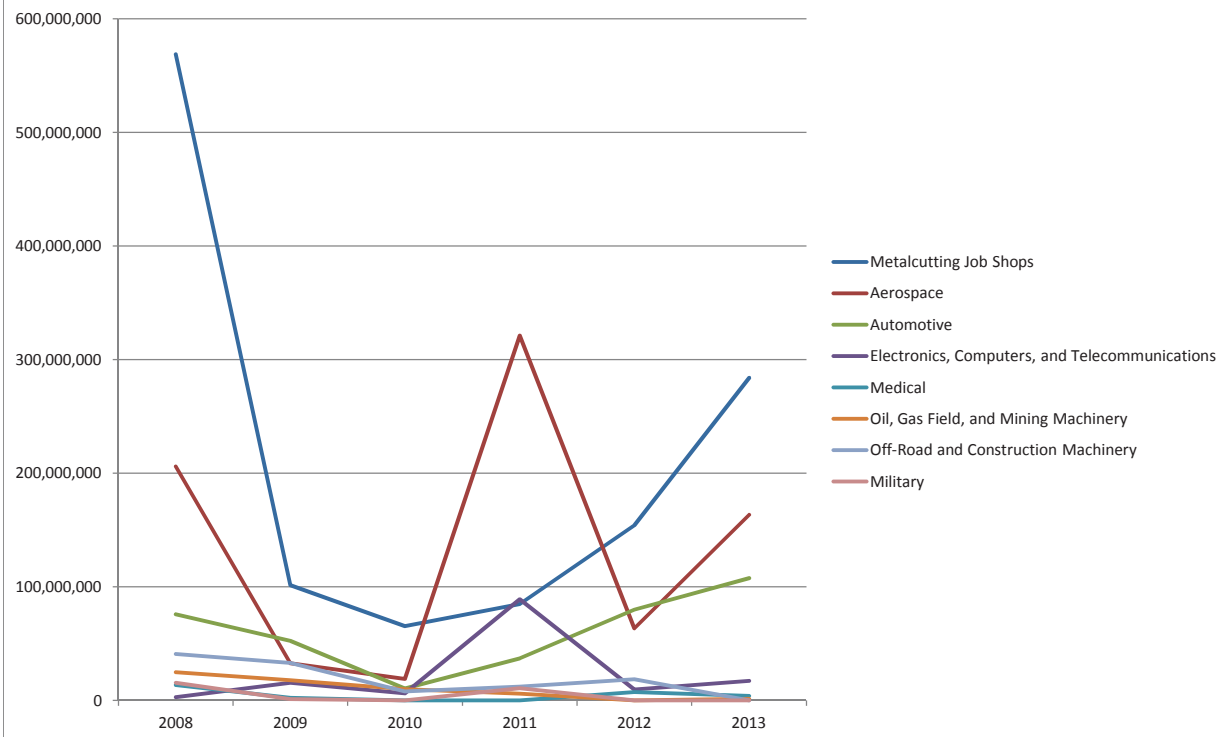
2013

CAPITAL SPENDING Equipment Type Trend Report

HMCs, 400-800 mm pallet

Industry	2008	2009	2010	2011	2012	2013
Metalcutting Job Shops	568,598,476	101,353,520	65,326,691	84,786,240	153,997,857	283,816,316
Aerospace	206,001,269	32,723,196	18,849,560	321,103,554	63,357,334	163,313,137
Forming and Fabricating (non-auto)	3,668,076	23,880,974	84,245,234	7,490,975	16,421,147	139,262,196
Automotive	75,841,973	52,417,913	10,495,277	36,874,077	79,842,056	107,727,290
Pumps, Valves and Plumbing Products	73,613,470	19,999,575	67,991,369	3,382,315	100,961,647	70,332,950
Primary Metals	0	296,419	0	0	0	34,611,419
Electronics, Computers, and Telecommunications	2,862,555	15,624,909	6,304,022	89,043,265	9,662,798	17,130,371
Machinery and Equipment Manufacturing	60,394,305	52,066,986	18,688,591	89,157,135	3,785,308	7,209,794
Hardware	0	3,475,805	0	0	3,906,275	5,198,838
Medical	13,630,103	2,240,925	0	0	7,312,238	4,158,266
Non-Manufacturing	0	0	0	0	0	3,756,499
Other Manufacturing	0	3,350,630	0	0	0	3,518,533
Oil, Gas Field, and Mining Machinery	24,728,593	17,829,145	9,822,315	6,039,848	0	1,399,416
Custom Processors	0	0	0	0	0	167,930
Industrial Motors, Hydraulic and Mechanical Components	58,818,883	7,368,142	44,105,599	38,403,369	14,143,408	35,185
Power Generation	7,827,411	26,758,491	8,379,597	0	47,144,695	0
HVAC	841,923	9,372,243	0	19,240,162	26,939,826	0
Off-Road and Construction Machinery	40,974,733	32,907,191	7,929,658	12,079,697	18,588,480	0
Military	15,560,258	1,323,814	0	10,823,408	103,956	0
Ship Building	1,856,844	4,441,738	0	0	0	0
Construction Materials	43,326,367	0	0	0	0	0
Appliances	0	0	0	0	0	0
Food and Beverage Processing	0	0	0	0	0	0
Furniture Manufacturing	0	0	0	0	0	0
Petrochemical Processors	0	0	0	0	0	0
Plastics and Rubber	0	0	0	0	0	0
Printing	0	0	0	0	0	0
Textiles, Clothing, and Leather Goods	0	0	0	0	0	0
Wood and Paper Products	0	0	0	0	0	0
All	1,198,545,240	407,431,615	342,137,911	718,424,045	546,167,026	841,638,141

HMCs, 400-800 mm pallet - Industry

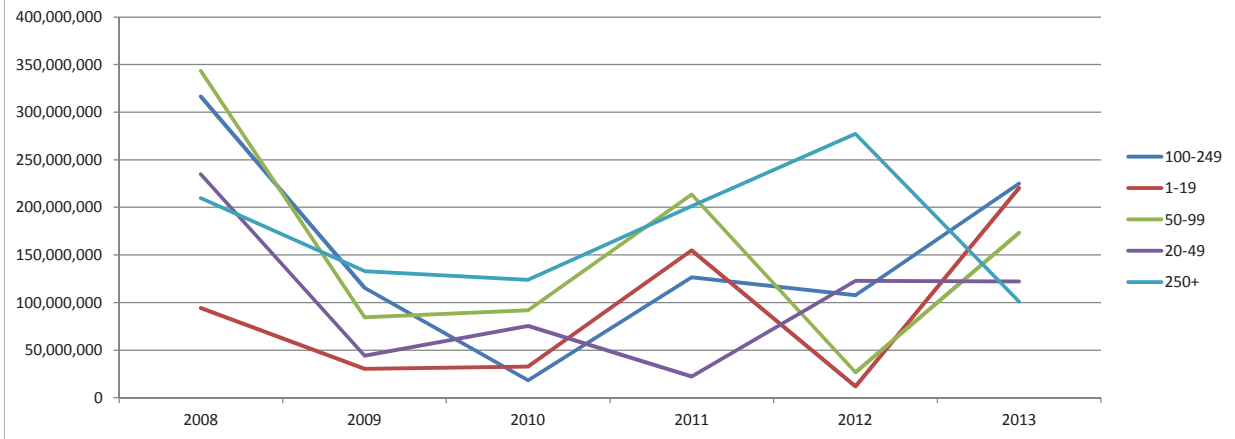


2013 CAPITAL SPENDING
EQUIPMENT TYPE TREND REPORT
HMCs, 400-800 mm PALLET

HMCs, 400-800 mm pallet

Plant Size	2008	2009	2010	2011	2012	2013
100-249	316,329,052	115,250,925	18,217,803	126,408,224	107,761,282	225,013,020
1-19	94,245,370	30,293,093	32,616,536	154,856,789	11,865,261	220,431,360
50-99	343,450,991	84,603,575	91,891,844	213,718,350	26,613,882	173,115,749
20-49	234,929,190	44,231,096	75,522,780	22,163,222	122,835,101	122,188,883
250+	209,590,637	133,052,926	123,888,949	201,277,460	277,091,500	100,889,129
All	1,198,545,240	407,431,615	342,137,911	718,424,045	546,167,026	841,638,141

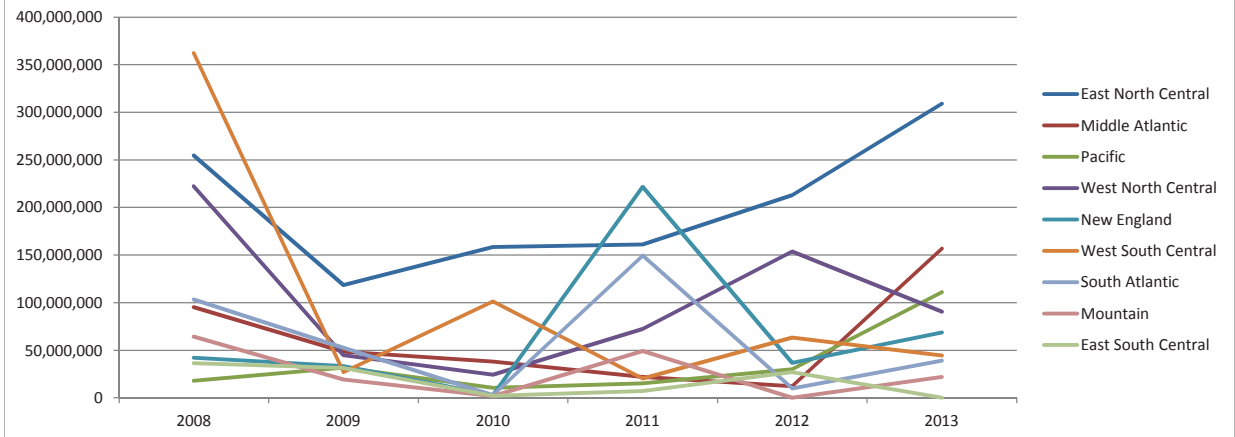
HMCs, 400-800 mm pallet - Plant Size



HMCs, 400-800 mm pallet

Region	2008	2009	2010	2011	2012	2013
East North Central	254,747,876	118,444,438	158,362,759	161,223,908	213,056,340	309,017,570
Middle Atlantic	95,244,065	48,582,214	38,157,217	21,897,863	12,144,397	156,916,201
Pacific	18,032,522	31,581,576	10,405,455	15,286,856	30,064,845	111,141,243
West North Central	222,463,241	44,822,796	24,211,145	72,496,023	153,589,358	90,467,160
New England	42,107,422	33,531,254	2,951,304	221,507,697	36,907,561	68,811,642
West South Central	362,115,596	27,151,535	101,257,467	20,254,857	63,259,857	44,376,578
South Atlantic	103,235,133	52,669,898	2,879,481	149,291,935	10,016,263	39,067,703
Mountain	64,260,192	19,214,528	1,844,565	49,217,089	0	21,840,043
East South Central	36,339,193	31,433,376	2,068,519	7,247,818	27,128,404	0
All	1,198,545,240	407,431,615	342,137,911	718,424,045	546,167,026	841,638,141

HMCs, 400-800 mm pallet - Region



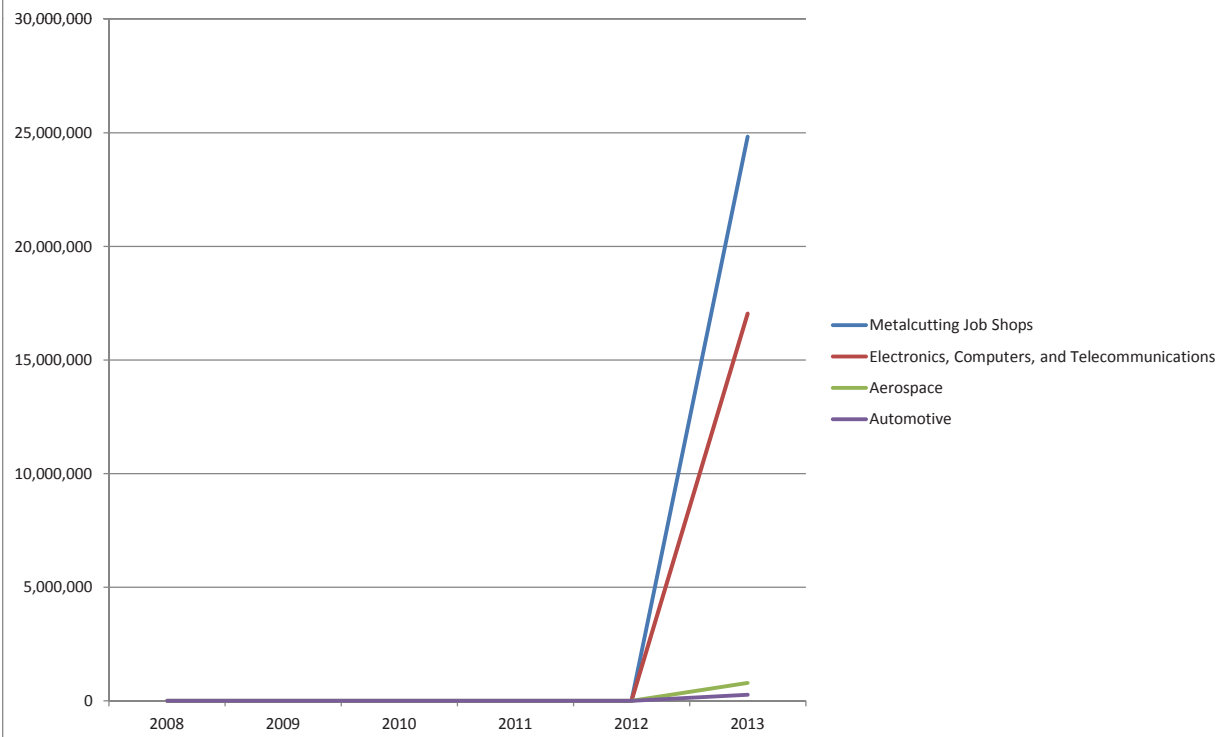
2013

CAPITAL SPENDING Equipment Type Trend Report

HMCs, >800 mm pallet

Industry	2008	2009	2010	2011	2012	2013
Other Manufacturing	0	0	0	0	0	100,799,389
Metalcutting Job Shops	0	0	0	0	0	24,822,604
Primary Metals	0	0	0	0	0	18,352,347
Electronics, Computers, and Telecommunications	0	0	0	0	0	17,047,392
Forming and Fabricating (non-auto)	0	0	0	0	0	16,458,123
Machinery and Equipment Manufacturing	0	0	0	0	0	14,944,478
Aerospace	0	0	0	0	0	799,667
Automotive	0	0	0	0	0	268,688
Appliances	0	0	0	0	0	0
Construction Materials	0	0	0	0	0	0
Custom Processors	0	0	0	0	0	0
Food and Beverage Processing	0	0	0	0	0	0
Furniture Manufacturing	0	0	0	0	0	0
Hardware	0	0	0	0	0	0
HVAC	0	0	0	0	0	0
Medical	0	0	0	0	0	0
Military	0	0	0	0	0	0
Industrial Motors, Hydraulic and Mechanical Components	0	0	0	0	0	0
Non-Manufacturing	0	0	0	0	0	0
Off-Road and Construction Machinery	0	0	0	0	0	0
Oil, Gas Field, and Mining Machinery	0	0	0	0	0	0
Petrochemical Processors	0	0	0	0	0	0
Plastics and Rubber	0	0	0	0	0	0
Power Generation	0	0	0	0	0	0
Printing	0	0	0	0	0	0
Pumps, Valves and Plumbing Products	0	0	0	0	0	0
Ship Building	0	0	0	0	0	0
Textiles, Clothing, and Leather Goods	0	0	0	0	0	0
Wood and Paper Products	0	0	0	0	0	0
All	0	0	0	0	0	193,492,688

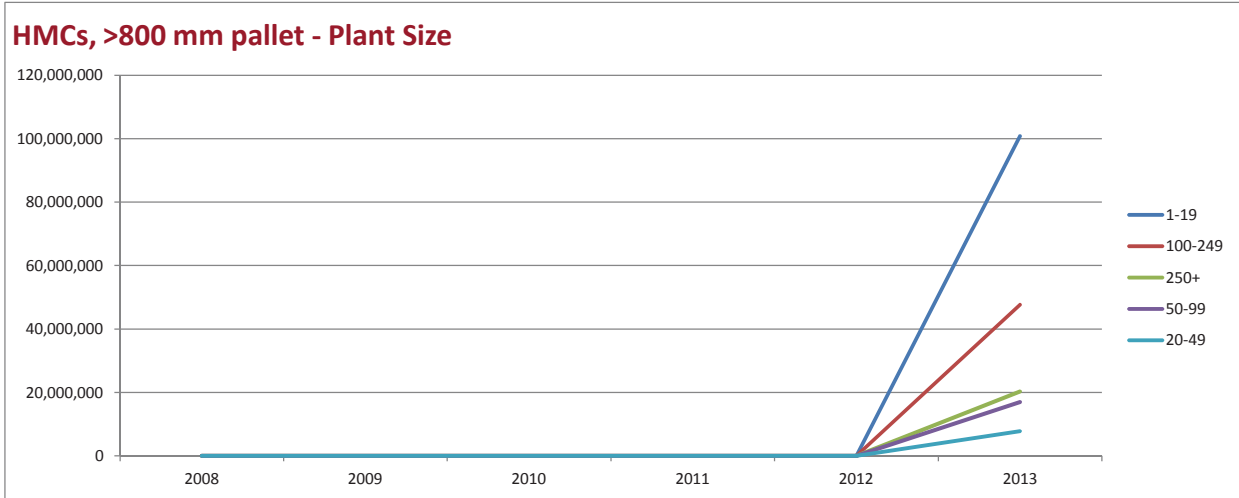
HMCs, >800 mm pallet - Industry



2013 CAPITAL SPENDING
EQUIPMENT TYPE TREND REPORT
HMCs, >800 mm PALLET

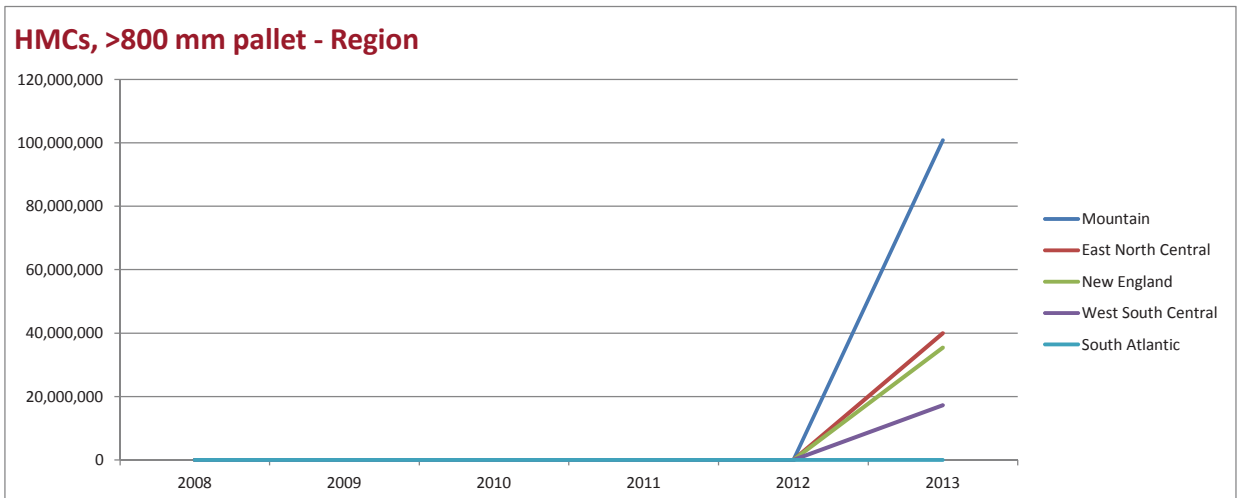
HMCs, >800 mm pallet

Plant Size	2008	2009	2010	2011	2012	2013
1-19	0	0	0	0	0	100,799,389
100-249	0	0	0	0	0	47,606,645
250+	0	0	0	0	0	20,352,665
50-99	0	0	0	0	0	16,979,068
20-49	0	0	0	0	0	7,754,921
All	0	0	0	0	0	193,492,688



HMCs, >800 mm pallet

Region	2008	2009	2010	2011	2012	2013
Mountain	0	0	0	0	0	100,799,389
East North Central	0	0	0	0	0	39,947,156
New England	0	0	0	0	0	35,420,030
West South Central	0	0	0	0	0	17,257,790
South Atlantic	0	0	0	0	0	68,324
East South Central	0	0	0	0	0	0
Middle Atlantic	0	0	0	0	0	0
Pacific	0	0	0	0	0	0
West North Central	0	0	0	0	0	0
All	0	0	0	0	0	193,492,688



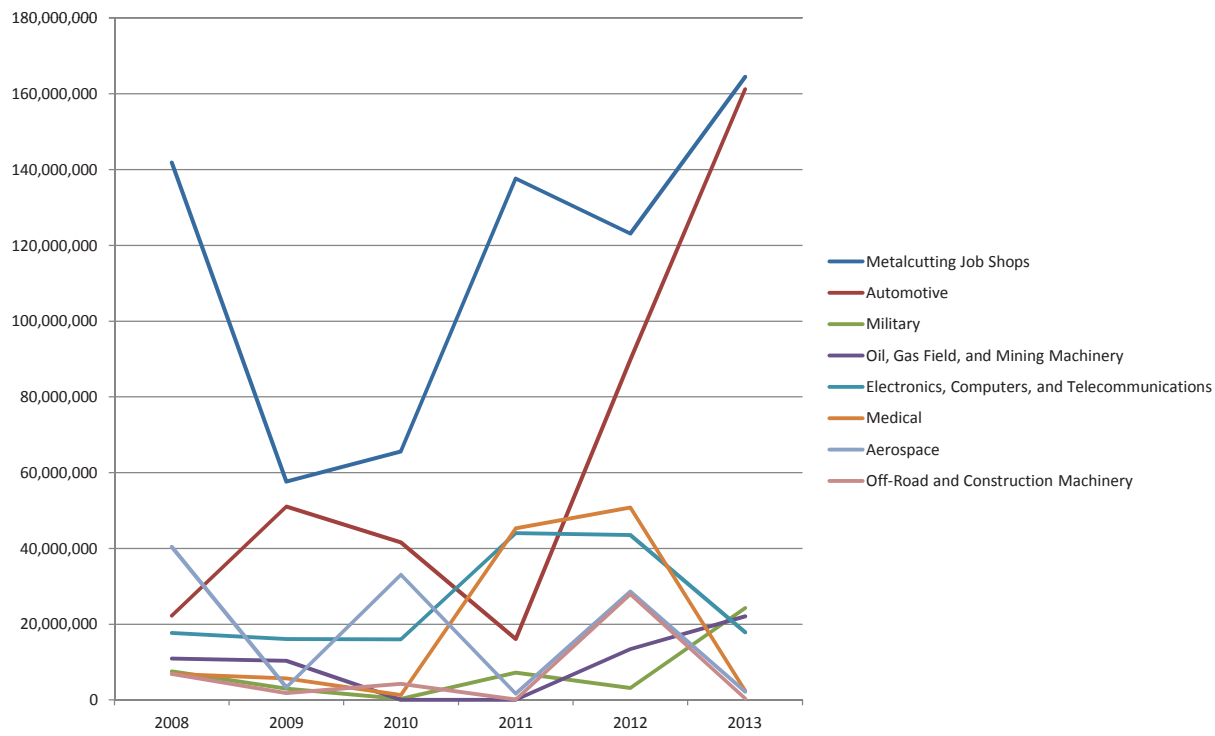
2013

CAPITAL SPENDING Equipment Type Trend Report

Lathes, horizontal, CNC, <10 in chuck

Industry	2008	2009	2010	2011	2012	2013
Metalcutting Job Shops	141,873,603	57,650,633	65,555,198	137,650,202	123,082,730	164,544,679
Automotive	22,234,258	51,033,178	41,632,615	16,061,028	89,855,423	161,182,064
Machinery and Equipment Manufacturing	54,522,304	17,995,558	9,125,028	115,804,439	25,320,863	55,200,305
Military	7,516,354	3,009,168	252,969	7,247,818	3,119,039	24,311,137
Forming and Fabricating (non-auto)	25,061,473	4,684,960	1,762,669	28,645,716	15,411,503	22,293,517
Oil, Gas Field, and Mining Machinery	10,887,780	10,348,139	0	0	13,335,214	22,035,598
Primary Metals	3,549,449	0	0	0	0	19,121,939
Electronics, Computers, and Telecommunications	17,709,704	16,112,607	15,961,969	44,018,551	43,555,769	17,822,442
Pumps, Valves and Plumbing Products	31,660,254	15,208,239	1,828,196	12,998,409	7,389,134	12,910,178
Hardware	4,688,328	4,794,886	2,824,820	135,897	1,778,462	10,086,394
Other Manufacturing	2,962,613	4,059,314	0	209,381	2,659,591	3,737,958
Medical	6,834,992	5,700,867	1,291,422	45,339,177	50,781,303	2,399,609
Aerospace	40,438,466	3,310,054	33,058,512	1,634,036	28,551,633	2,164,831
Non-Manufacturing	0	0	0	0	0	1,598,241
Industrial Motors, Hydraulic and Mechanical Components	5,287,421	17,235,453	5,445,859	3,280,864	1,702,342	374,127
Off-Road and Construction Machinery	6,891,152	1,822,878	4,276,166	119,439	27,865,519	358,251
Petrochemical Processors	0	0	0	0	0	271,254
Custom Processors	8,207,075	0	0	0	0	167,930
Printing	0	0	0	0	0	12,734
Power Generation	2,061,531	24,982	983,768	0	5,613,866	0
HVAC	10,769,994	130,820	99,972	1,630,759	1,458,338	0
Furniture Manufacturing	0	0	983,768	9,860,236	64,656	0
Ship Building	100,872	17,773	0	0	62,346	0
Appliances	3,930,081	0	0	0	0	0
Plastics and Rubber	1,910,456	0	0	0	0	0
Construction Materials	0	0	0	0	0	0
Food and Beverage Processing	0	0	0	0	0	0
Textiles, Clothing, and Leather Goods	0	0	0	0	0	0
Wood and Paper Products	0	0	0	0	0	0
All	409,098,161	213,139,511	185,082,931	424,635,951	441,607,730	520,593,189

Lathes, horizontal, CNC, <10 in chuck - Industry

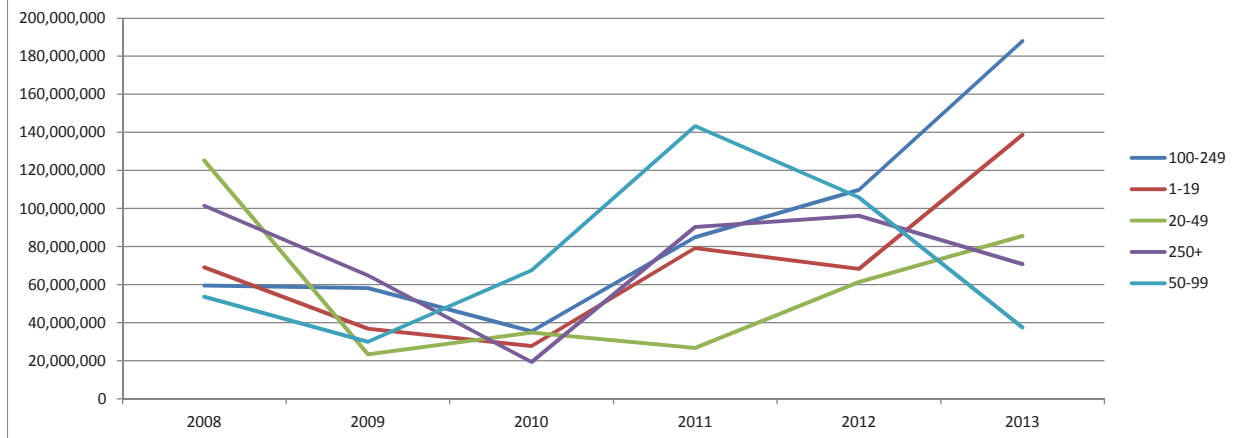


LATHES, HORIZONTAL, CNC, <10 IN CHUCK

Lathes, horizontal, CNC, <10 in chuck

Plant Size	2008	2009	2010	2011	2012	2013
100-249	59,542,641	58,234,332	35,541,567	84,984,277	109,840,412	187,900,562
1-19	69,076,960	36,885,812	27,843,903	79,300,324	68,378,987	138,696,203
20-49	125,298,463	23,367,557	34,901,686	26,836,202	61,337,281	85,589,239
250+	101,440,412	64,719,288	19,400,842	90,277,411	96,210,969	70,887,688
50-99	53,739,684	29,932,522	67,394,932	143,237,736	105,840,082	37,519,496
All	409,098,161	213,139,511	185,082,931	424,635,951	441,607,730	520,593,189

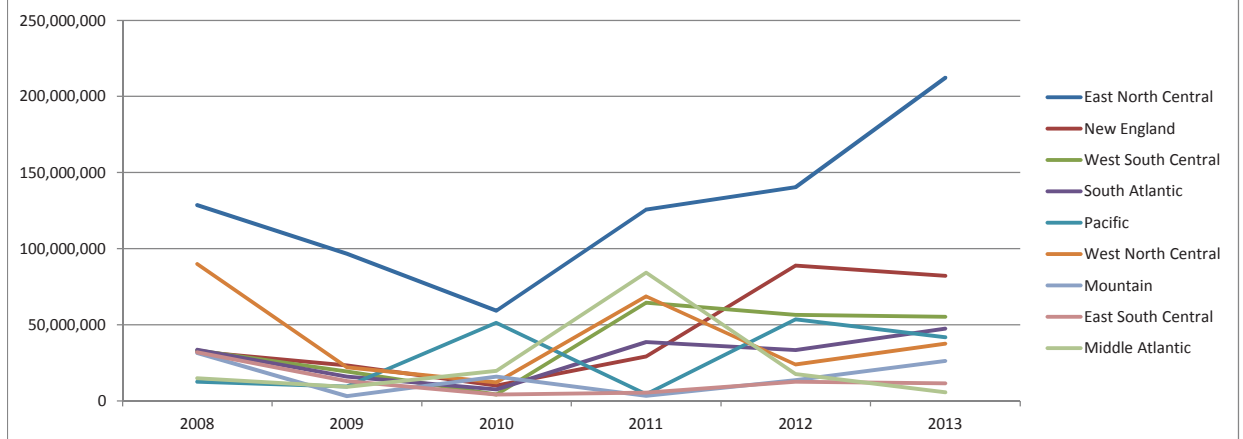
Lathes, horizontal, CNC, <10 in chuck - Plant Size



Lathes, horizontal, CNC, <10 in chuck

Region	2008	2009	2010	2011	2012	2013
East North Central	128,560,896	96,747,263	59,246,920	125,616,070	140,477,315	212,371,329
New England	32,486,559	23,380,002	10,145,022	29,343,950	88,931,286	82,286,834
West South Central	33,215,806	19,458,610	4,258,437	64,661,125	56,619,342	55,257,506
South Atlantic	33,634,934	16,046,759	7,695,118	38,643,205	33,570,787	47,498,552
Pacific	12,654,496	9,580,059	51,432,990	4,475,125	53,681,180	41,905,345
West North Central	89,935,800	22,223,683	12,220,825	68,674,889	23,978,602	37,585,992
Mountain	31,635,115	3,267,194	16,069,775	3,472,430	13,777,090	26,345,405
East South Central	32,039,352	13,066,591	4,276,921	5,484,837	12,763,886	11,643,145
Middle Atlantic	14,935,203	9,369,350	19,736,923	84,264,320	17,808,243	5,699,082
All	409,098,161	213,139,511	185,082,931	424,635,951	441,607,730	520,593,189

Lathes, horizontal, CNC, <10 in chuck - Region



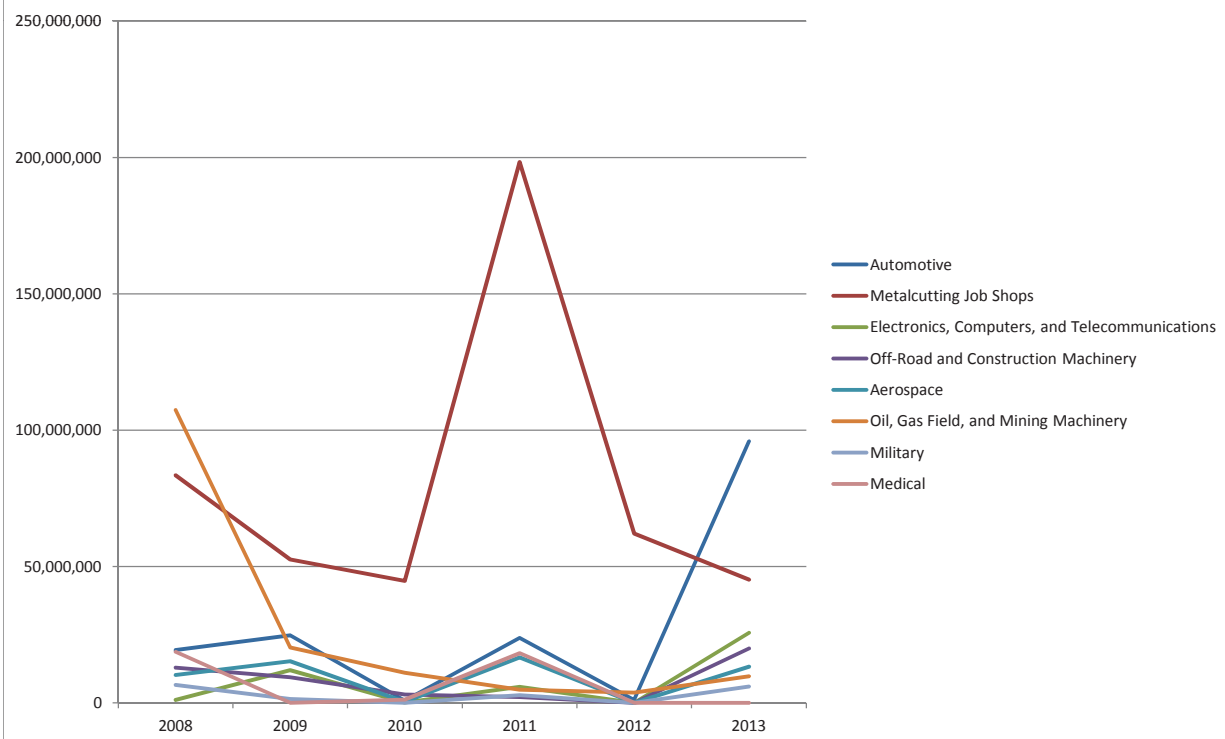
2013

CAPITAL SPENDING Equipment Type Trend Report

Lathes, horizontal, CNC, >10 in chuck

Industry	2008	2009	2010	2011	2012	2013
Automotive	19,427,130	24,816,232	877,094	23,845,603	1,102,609	95,931,609
Other Manufacturing	0	3,053,824	0	0	24,232,039	68,168,899
Metalcutting Job Shops	83,496,643	52,590,290	44,787,094	198,358,025	62,068,245	45,202,001
Electronics, Computers, and Telecommunications	1,084,134	11,983,741	128,827	5,948,557	0	25,761,183
Machinery and Equipment Manufacturing	22,774,988	38,603,867	3,290,855	22,227,721	18,650,338	22,379,394
Off-Road and Construction Machinery	12,974,212	9,454,497	3,104,510	2,113,947	0	20,001,443
Primary Metals	1,060,216	3,949,470	0	0	0	18,031,195
Aerospace	10,198,128	15,273,154	399,028	16,702,194	0	13,250,983
Pumps, Valves and Plumbing Products	50,085,234	20,565,558	1,868,491	24,230,058	188,889,040	11,959,185
Oil, Gas Field, and Mining Machinery	107,407,221	20,281,272	11,008,832	4,831,879	3,827,997	9,752,962
Plastics and Rubber	0	0	0	0	0	7,782,073
Military	6,646,204	1,467,084	0	2,868,928	0	6,034,645
HVAC	5,071,914	0	0	0	0	3,134,693
Forming and Fabricating (non-auto)	7,536,539	7,841,431	6,448,691	23,744,185	17,884,196	3,020,035
Ship Building	33,624	0	0	0	331,745	1,828,680
Industrial Motors, Hydraulic and Mechanical Components	16,261,939	2,630,824	927,174	3,881,609	9,567,487	51,818
Furniture Manufacturing	0	1,579,788	0	0	53,880	0
Medical	18,659,797	0	1,171,152	18,185,432	0	0
Hardware	982,520	8,784,676	5,164,782	0	0	0
Power Generation	0	3,461,401	0	0	0	0
Appliances	0	0	0	0	0	0
Construction Materials	0	0	0	0	0	0
Custom Processors	0	0	0	0	0	0
Food and Beverage Processing	0	0	0	0	0	0
Non-Manufacturing	0	0	0	0	0	0
Petrochemical Processors	0	0	0	0	0	0
Printing	0	0	0	0	0	0
Textiles, Clothing, and Leather Goods	0	0	0	0	0	0
Wood and Paper Products	0	0	0	0	0	0
All	363,700,441	226,337,108	79,176,532	346,938,137	326,607,573	352,290,799

Lathes, horizontal, CNC, >10 in chuck - Industry

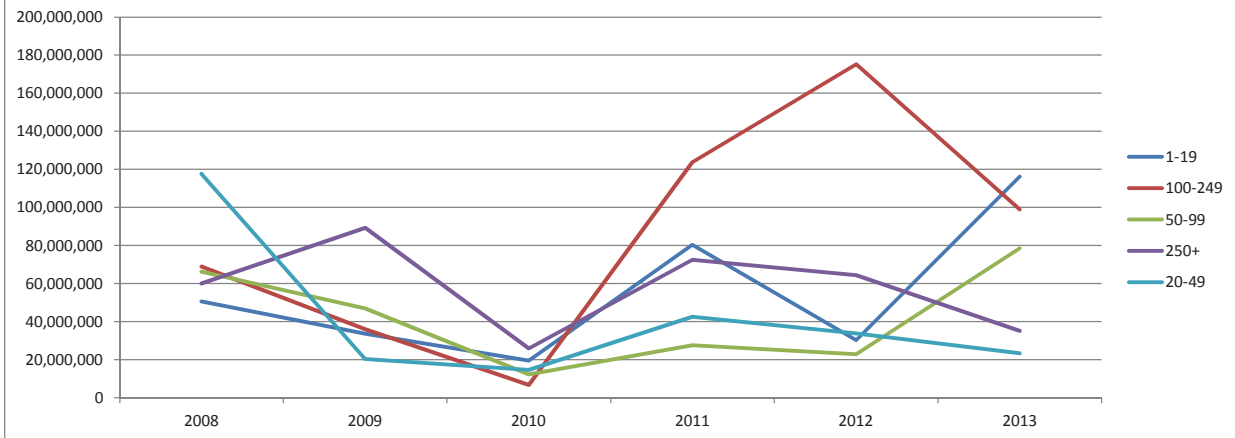


LATHES, HORIZONTAL, CNC, >10 IN CHUCK

Lathes, horizontal, CNC, >10 in chuck

Plant Size	2008	2009	2010	2011	2012	2013
1-19	50,709,799	33,615,980	19,614,942	80,426,579	30,229,897	116,276,165
100-249	69,015,207	35,965,529	6,748,128	123,800,739	175,218,639	98,885,889
50-99	66,300,786	46,953,165	12,246,832	27,676,179	22,871,305	78,471,593
250+	59,989,775	89,377,505	25,922,287	72,472,542	64,436,984	35,229,469
20-49	117,684,874	20,424,929	14,644,343	42,562,097	33,850,748	23,427,682
All	363,700,441	226,337,108	79,176,532	346,938,137	326,607,573	352,290,799

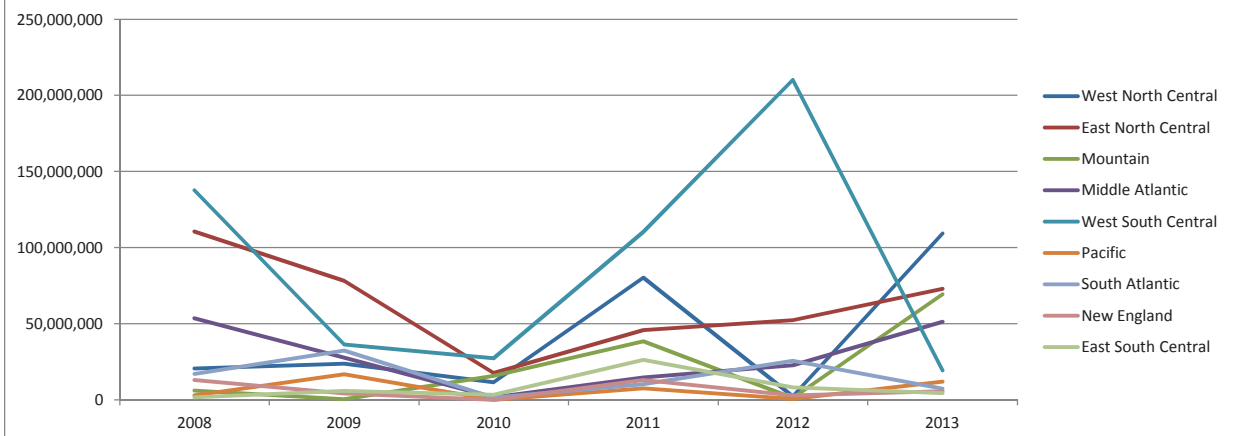
Lathes, horizontal, CNC, >10 in chuck - Plant Size



Lathes, horizontal, CNC, >10 in chuck

Region	2008	2009	2010	2011	2012	2013
West North Central	20,663,000	23,708,481	11,713,025	80,286,951	2,397,931	109,284,271
East North Central	110,495,207	78,315,961	17,614,504	45,949,443	52,313,416	72,995,029
Mountain	6,212,659	425,484	15,856,323	38,528,304	1,403,412	69,476,703
Middle Atlantic	53,748,576	27,837,830	1,838,066	14,696,733	22,766,895	51,403,369
West South Central	137,742,867	36,452,302	27,310,272	110,310,205	210,175,558	19,466,639
Pacific	2,918,449	16,969,506	0	7,630,342	635,010	11,990,295
South Atlantic	16,992,255	32,450,213	1,505,218	10,297,024	25,651,762	7,324,317
New England	13,103,143	4,319,871	0	12,992,222	3,024,015	5,795,983
East South Central	1,824,283	5,857,461	3,339,125	26,246,913	8,239,574	4,554,191
All	363,700,441	226,337,108	79,176,532	346,938,137	326,607,573	352,290,799

Lathes, horizontal, CNC, >10 in chuck - Region



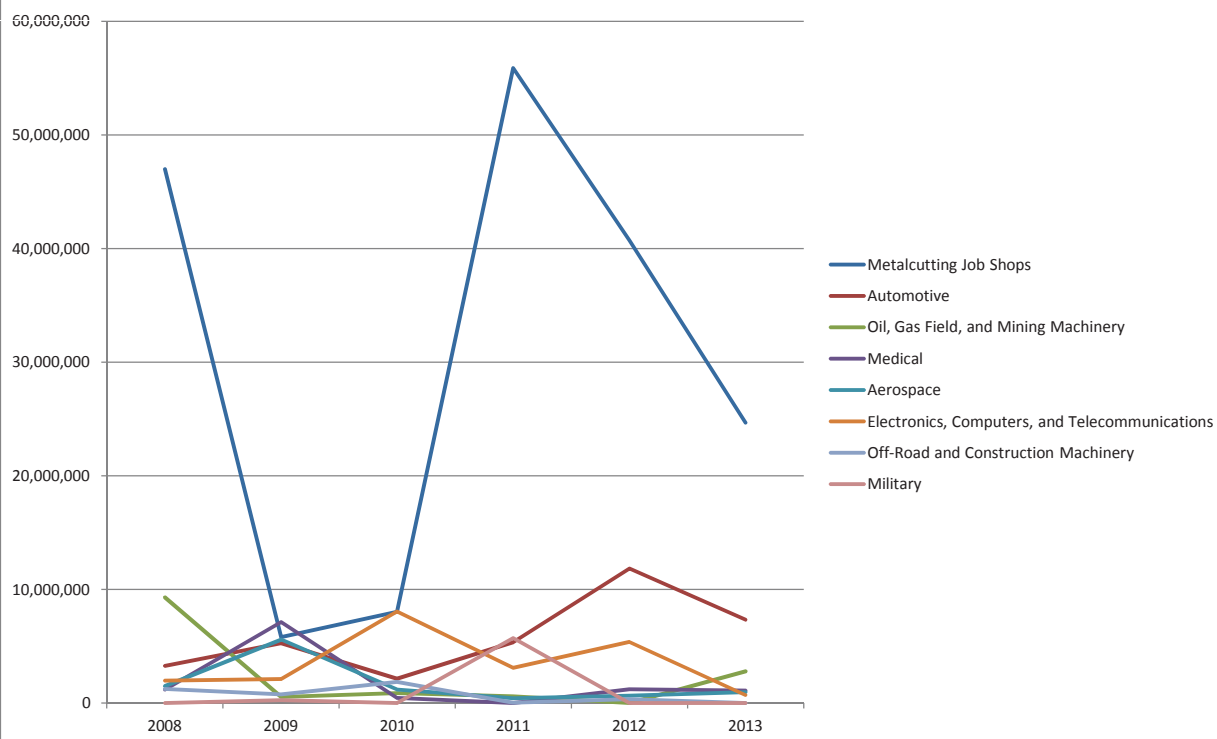
2013

CAPITAL SPENDING Equipment Type Trend Report

Lathes, manual

Industry	2008	2009	2010	2011	2012	2013
Metalcutting Job Shops	46,986,661	5,821,444	8,036,544	55,888,983	40,733,867	24,673,465
Automotive	3,268,809	5,266,489	2,146,136	5,358,894	11,843,700	7,337,119
Machinery and Equipment Manufacturing	19,262,132	7,402,969	1,600,636	2,707,690	1,840,751	6,710,420
Plastics and Rubber	0	0	0	805,313	0	4,309,368
Non-Manufacturing	0	0	0	0	0	4,239,842
Oil, Gas Field, and Mining Machinery	9,307,567	531,181	892,443	590,556	0	2,798,833
Medical	1,190,832	7,136,645	456,749	0	1,212,292	1,119,533
Primary Metals	0	0	349,297	0	0	1,023,573
Aerospace	1,497,798	5,571,533	1,182,584	421,551	651,065	952,466
Ship Building	201,744	44,786	0	136,484	438,734	914,340
Electronics, Computers, and Telecommunications	1,979,213	2,118,657	8,052,996	3,110,943	5,387,607	718,602
Other Manufacturing	51,237	2,148,429	0	0	0	548,604
Pumps, Valves and Plumbing Products	1,159,595	1,547,139	15,594,688	549,098	3,718,757	211,112
Forming and Fabricating (non-auto)	10,253,654	3,901,002	31,922	3,993,202	1,719,836	170,455
Hardware	22,338	464,272	966,514	262,469	2,343,765	121,912
Custom Processors	0	0	0	0	0	86,364
Wood and Paper Products	0	0	0	0	0	15,993
Construction Materials	0	0	0	0	0	6,525
Industrial Motors, Hydraulic and Mechanical Components	2,212,867	1,497,319	1,099,009	5,222,612	2,233,935	0
Off-Road and Construction Machinery	1,236,918	779,764	1,880,178	44,620	345,538	0
Furniture Manufacturing	0	177,851	0	0	107,759	0
Power Generation	509,455	403,129	0	0	20,792	0
Military	0	256,716	0	5,737,856	0	0
HVAC	93,157	201,221	0	0	0	0
Appliances	260,141	0	0	0	0	0
Food and Beverage Processing	0	0	0	0	0	0
Petrochemical Processors	0	0	0	0	0	0
Printing	0	0	0	0	0	0
Textiles, Clothing, and Leather Goods	0	0	0	0	0	0
All	99,494,118	45,270,545	42,289,695	84,830,270	72,598,399	55,958,527

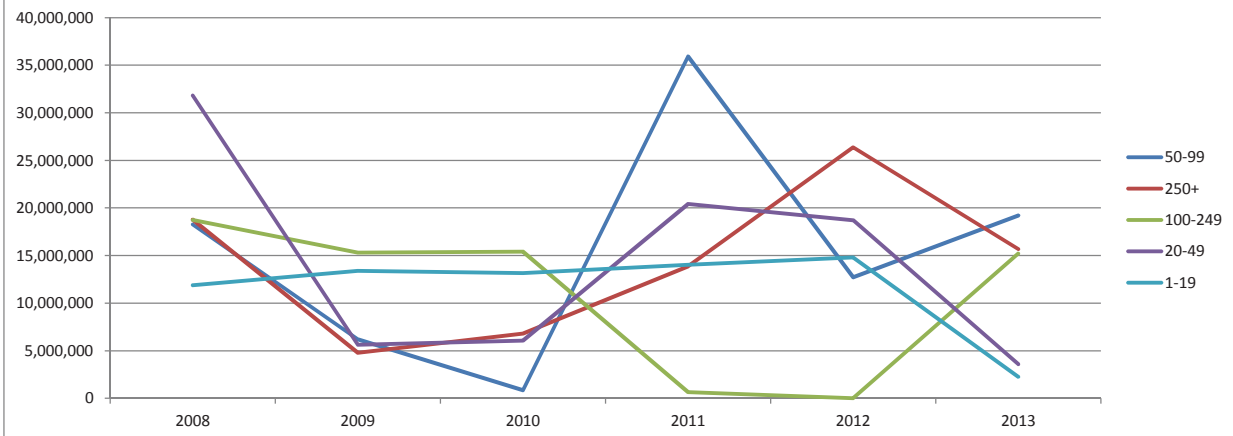
Lathes, manual - Industry



Lathes, manual

Plant Size	2008	2009	2010	2011	2012	2013
50-99	18,271,051	6,199,928	851,106	35,900,039	12,716,446	19,221,720
250+	18,782,003	4,783,687	6,816,575	13,845,064	26,362,544	15,663,996
100-249	18,730,721	15,295,775	15,395,728	646,393	0	15,212,792
20-49	31,825,673	5,611,996	6,058,582	20,424,498	18,708,501	3,584,207
1-19	11,884,670	13,379,159	13,167,704	14,014,277	14,810,908	2,275,812
All	99,494,118	45,270,545	42,289,695	84,830,270	72,598,399	55,958,527

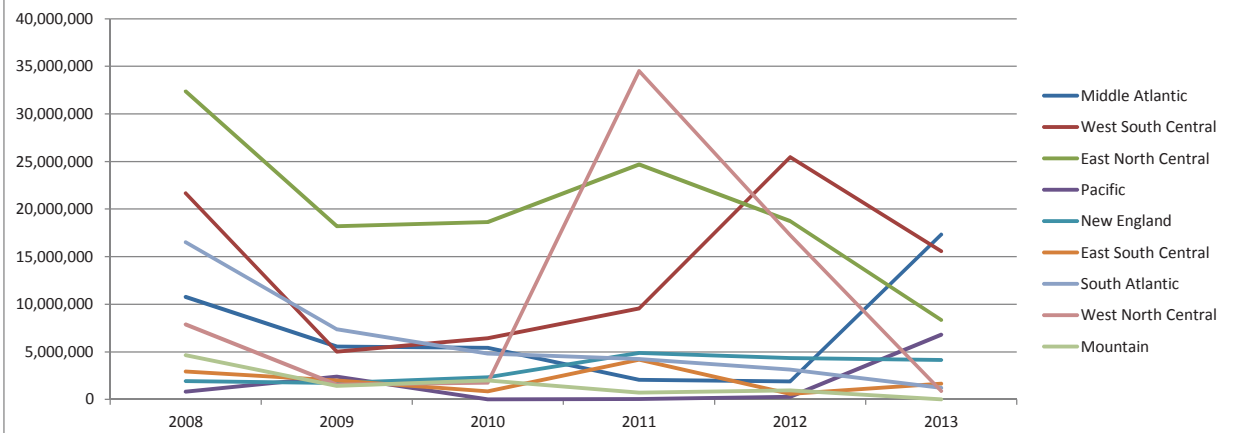
Lathes, manual - Plant Size



Lathes, manual

Region	2008	2009	2010	2011	2012	2013
Middle Atlantic	10,771,555	5,549,629	5,431,644	2,054,823	1,876,136	17,308,622
West South Central	21,662,956	5,033,784	6,422,784	9,566,172	25,461,439	15,589,640
East North Central	32,356,442	18,207,262	18,645,662	24,670,124	18,748,176	8,354,026
Pacific	802,216	2,399,148	9,315	50,332	269,398	6,788,119
New England	1,910,232	1,733,190	2,332,525	4,876,900	4,335,197	4,140,157
East South Central	2,929,222	1,990,786	862,456	4,168,094	577,282	1,672,963
South Atlantic	16,520,050	7,356,228	4,826,570	4,243,914	3,133,187	1,216,609
West North Central	7,889,305	1,565,681	1,774,377	34,499,096	17,244,538	872,398
Mountain	4,652,140	1,434,837	1,984,364	700,815	953,044	15,993
All	99,494,118	45,270,545	42,289,695	84,830,270	72,598,399	55,958,527

Lathes, manual - Region



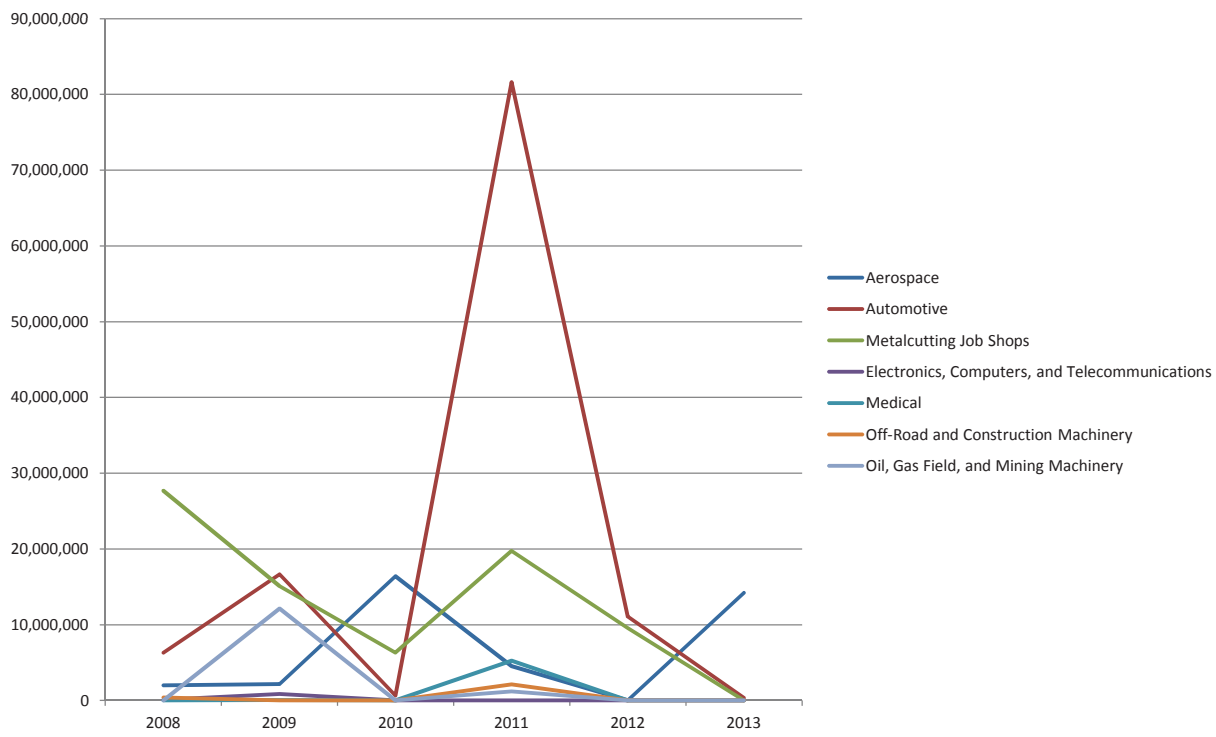
2013

CAPITAL SPENDING Equipment Type Trend Report

Lathes, vertical, CNC

Industry	2008	2009	2010	2011	2012	2013
Aerospace	1,979,305	2,179,196	16,396,133	4,522,155	0	14,209,989
Industrial Motors, Hydraulic and Mechanical Components	109,169	6,724,135	8,198,067	422,789	0	8,636,399
Pumps, Valves and Plumbing Products	13,167,022	1,248,040	7,528,302	0	123,713,990	5,597,666
Machinery and Equipment Manufacturing	6,307,554	18,867,887	372,583	55,595,869	34,401,167	4,714,834
Forming and Fabricating (non-auto)	0	1,143,353	3,814,668	0	19,396,674	488,756
Automotive	6,288,130	16,644,000	667,557	81,640,084	11,089,587	358,251
Hardware	111,411	0	0	0	0	155,641
Non-Manufacturing	0	0	0	0	0	127,947
Metalcutting Job Shops	27,694,180	15,084,974	6,295,956	19,756,330	9,569,694	0
Furniture Manufacturing	0	0	0	0	64,656	0
Ship Building	59,825	9,055,913	0	0	62,346	0
Electronics, Computers, and Telecommunications	101,891	839,592	0	30,602	1,155	0
Medical	7,853	71,140	0	5,249,383	0	0
Off-Road and Construction Machinery	393,008	0	0	2,113,947	0	0
Oil, Gas Field, and Mining Machinery	0	12,141,571	0	1,207,970	0	0
Power Generation	0	29,100,116	0	0	0	0
Other Manufacturing	340,607	9,603,964	0	0	0	0
Appliances	0	0	0	0	0	0
Construction Materials	0	0	0	0	0	0
Custom Processors	0	0	0	0	0	0
Food and Beverage Processing	0	0	0	0	0	0
HVAC	0	0	0	0	0	0
Military	0	0	0	0	0	0
Petrochemical Processors	0	0	0	0	0	0
Plastics and Rubber	0	0	0	0	0	0
Primary Metals	0	0	0	0	0	0
Printing	0	0	0	0	0	0
Textiles, Clothing, and Leather Goods	0	0	0	0	0	0
Wood and Paper Products	0	0	0	0	0	0
All	56,559,954	122,703,882	43,273,267	170,539,130	198,299,270	34,289,482

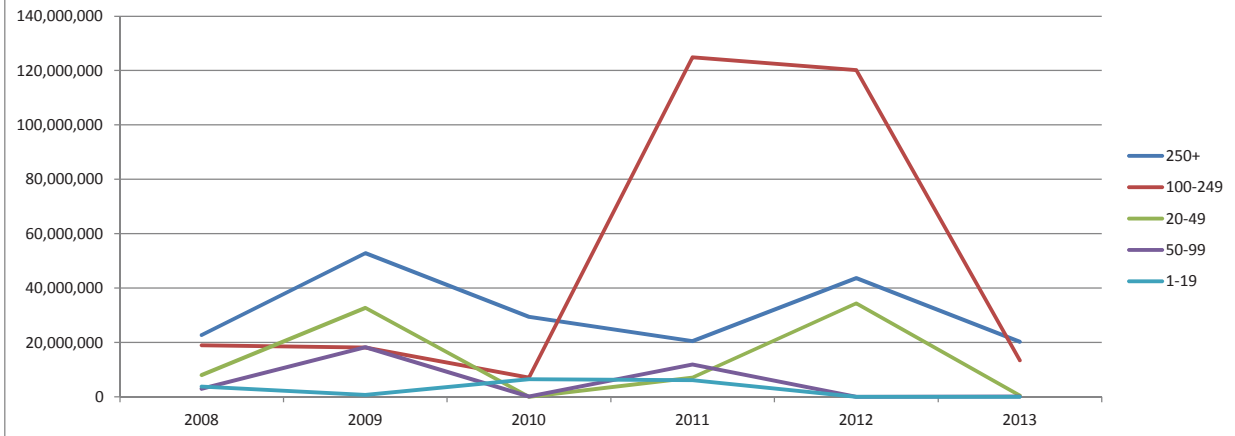
Lathes, vertical, CNC - Industry



Lathes, vertical CNC

Plant Size	2008	2009	2010	2011	2012	2013
250+	22,721,545	52,858,959	29,463,852	20,558,355	43,718,719	20,234,762
100-249	18,943,260	18,208,257	7,140,876	124,896,321	120,121,707	13,410,323
20-49	8,081,450	32,689,024	0	7,046,111	34,401,167	488,756
50-99	3,031,432	18,249,904	194,910	11,935,935	0	155,641
1-19	3,782,268	697,740	6,473,630	6,102,407	57,677	0
All	56,559,954	122,703,882	43,273,267	170,539,130	198,299,270	34,289,482

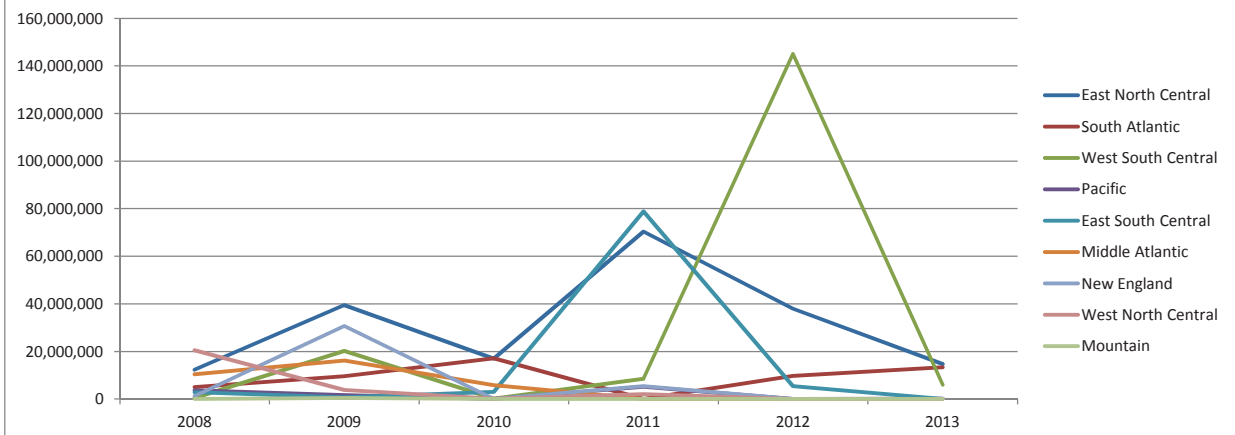
Lathes, vertical, CNC - Plant Size



Lathes, vertical, CNC

Region	2008	2009	2010	2011	2012	2013
East North Central	12,295,819	39,390,281	17,011,348	70,396,991	37,920,567	14,658,394
South Atlantic	4,969,900	9,607,850	17,063,690	30,602	9,760,180	13,410,323
West South Central	497,810	20,170,415	217,340	8,455,788	145,068,534	6,003,256
Pacific	3,711,452	1,604,218	0	5,214,402	0	127,947
East South Central	2,913,148	655,773	2,957,463	78,881,887	5,484,179	89,563
Middle Atlantic	10,395,869	16,244,795	5,806,085	0	65,810	0
New England	1,237,896	30,750,092	0	5,354,370	0	0
West North Central	20,538,060	3,790,157	217,340	2,113,947	0	0
Mountain	0	490,301	0	91,143	0	0
All	56,559,954	122,703,882	43,273,267	170,539,130	198,299,270	34,289,482

Lathes, vertical, CNC - Region



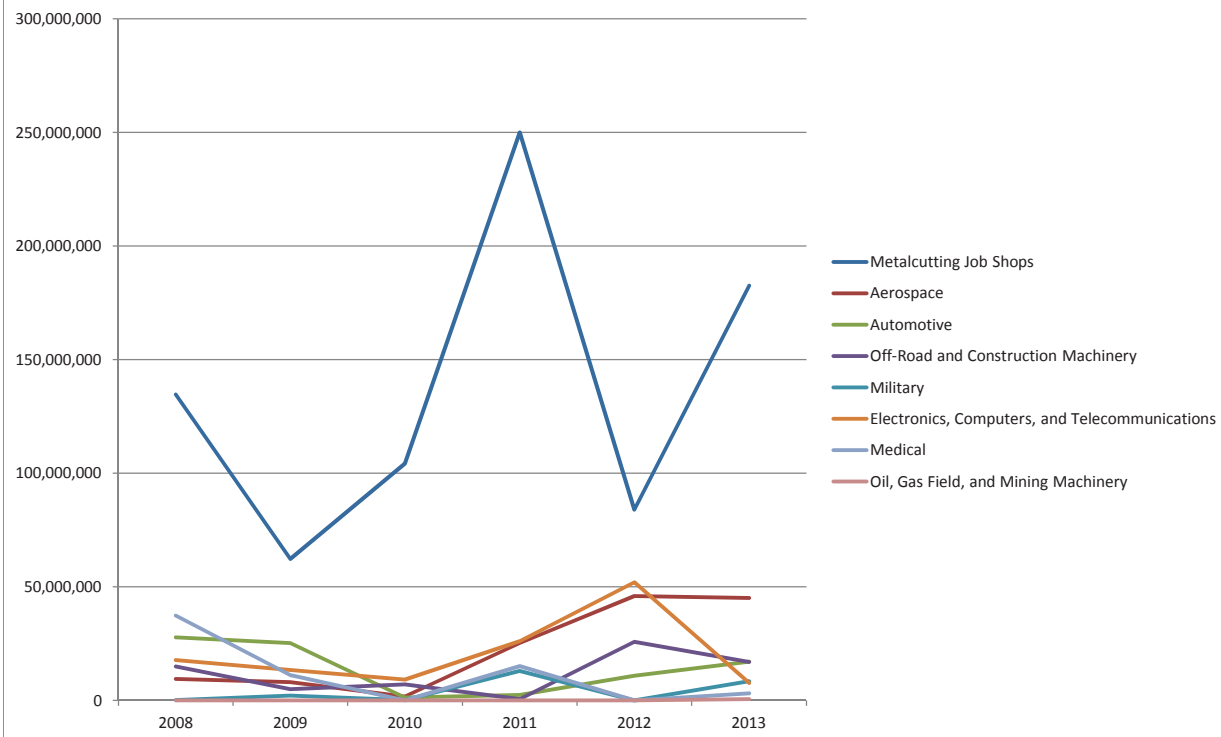
2013

CAPITAL SPENDING Equipment Type Trend Report

VMCs, <20 in Y

Industry	2008	2009	2010	2011	2012	2013
Metalcutting Job Shops	134,629,000	62,218,141	104,175,618	249,937,303	83,999,503	182,540,036
Aerospace	9,428,966	8,028,269	1,666,454	25,308,184	46,006,929	45,164,667
Machinery and Equipment Manufacturing	62,095,007	14,451,565	15,746,107	10,761,123	34,493,396	32,621,063
Automotive	27,754,939	25,312,512	1,267,789	2,423,871	10,872,247	17,039,043
Off-Road and Construction Machinery	14,958,270	5,028,737	7,126,940	596,737	25,810,732	16,975,525
Other Manufacturing	342,063	854,481	712,061	0	2,626,633	16,748,180
Hardware	8,270,106	5,916,623	843,230	2,613,467	2,963,381	16,613,547
Military	227,071	2,206,357	252,969	12,985,674	0	8,533,842
Electronics, Computers, and Telecommunications	17,758,965	13,384,002	9,148,079	26,058,222	51,955,331	7,673,179
Wood and Paper Products	0	0	0	0	0	3,902,373
Custom Processors	0	0	0	0	0	3,579,784
Medical	37,379,404	11,212,340	0	15,055,328	0	3,198,666
Pumps, Valves and Plumbing Products	4,234,966	4,781,449	1,386,644	2,932,519	3,903,908	3,072,183
Non-Manufacturing	0	0	0	0	0	1,825,346
Forming and Fabricating (non-auto)	16,734,658	8,067,883	4,155,182	9,408,309	19,203,118	1,600,095
Industrial Motors, Hydraulic and Mechanical Components	480,343	3,995,574	1,317,546	0	43,905,403	1,053,929
Oil, Gas Field, and Mining Machinery	0	0	0	0	0	621,751
HVAC	0	4,145,661	0	0	280,682	76,195
Power Generation	0	6,272,403	64,267,883	0	103,960	0
Appliances	4,986,836	817,594	0	0	0	0
Furniture Manufacturing	139,263	355,702	0	0	0	0
Ship Building	34,934	88,863	0	0	0	0
Primary Metals	2,785,266	0	0	0	0	0
Plastics and Rubber	1,910,456	0	0	0	0	0
Construction Materials	0	0	0	0	0	0
Food and Beverage Processing	0	0	0	0	0	0
Petrochemical Processors	0	0	0	0	0	0
Printing	0	0	0	0	0	0
Textiles, Clothing, and Leather Goods	0	0	0	0	0	0
All	344,150,515	177,138,157	212,066,502	358,080,737	326,125,223	362,839,403

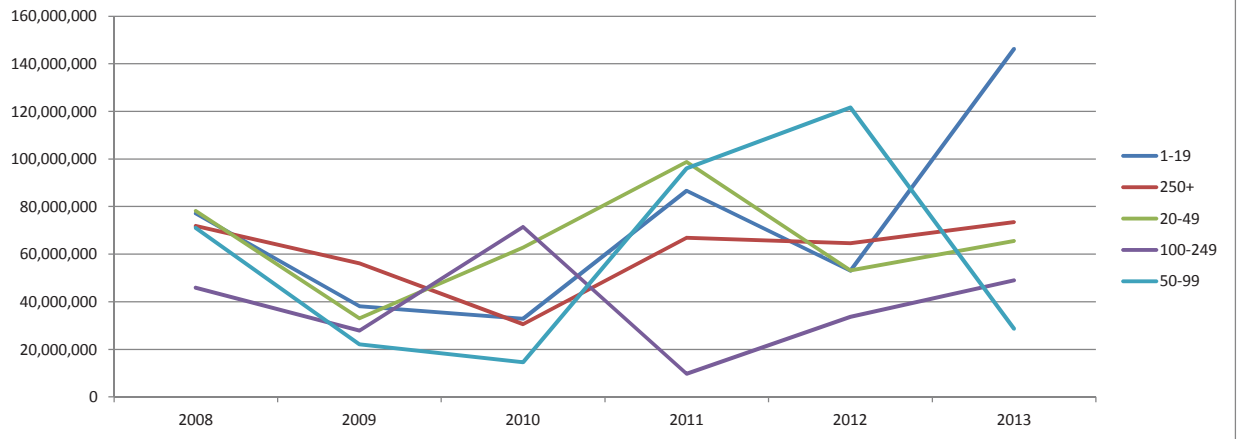
VMCs, <20 in Y - Industry



VMCs, <20 in Y

Plant Size	2008	2009	2010	2011	2012	2013
1-19	77,162,279	38,075,655	32,805,156	86,697,230	53,090,595	146,174,767
250+	71,894,864	56,093,802	30,577,618	66,876,743	64,632,490	73,466,964
20-49	78,133,920	32,955,903	62,697,341	98,799,286	53,184,204	65,527,454
100-249	45,905,365	27,916,446	71,408,759	9,695,899	33,671,502	48,932,438
50-99	71,054,087	22,096,351	14,577,628	96,011,580	121,546,431	28,737,780
All	344,150,515	177,138,157	212,066,502	358,080,737	326,125,223	362,839,403

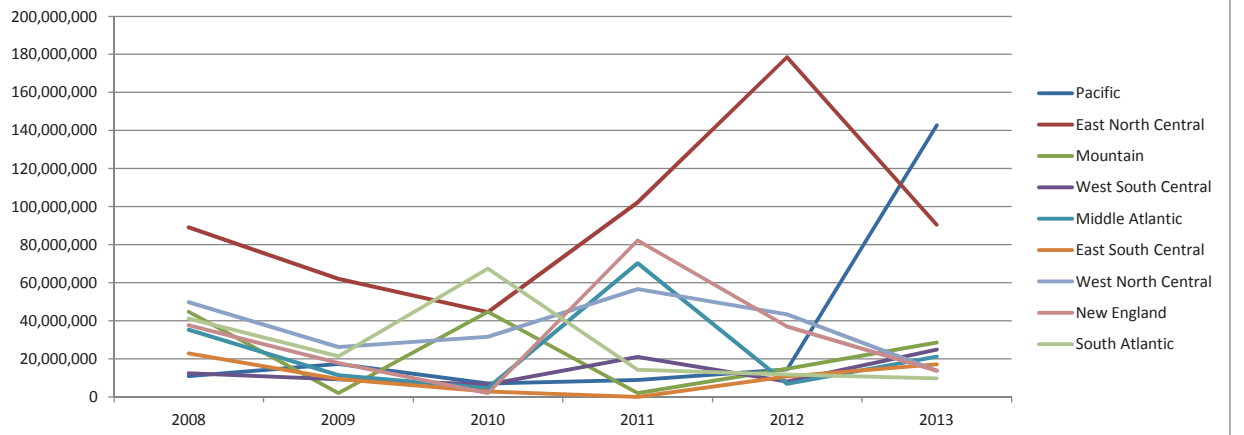
VMCs, <20 in Y - Plant Size



VMCs, <20 in Y

Region	2008	2009	2010	2011	2012	2013
Pacific	10,905,277	17,285,669	7,038,820	9,019,507	14,562,900	142,812,335
East North Central	89,162,386	62,073,109	44,541,963	102,312,383	178,621,207	90,559,545
Mountain	44,705,385	1,994,305	44,808,862	2,005,791	14,889,181	28,670,277
West South Central	12,460,067	9,376,961	6,671,022	21,069,619	8,077,130	24,895,567
Middle Atlantic	35,281,843	11,465,472	4,778,747	70,356,172	6,931,123	21,245,468
East South Central	22,889,573	9,531,052	2,907,107	0	10,775,930	17,162,429
West North Central	49,736,585	26,194,210	31,718,742	56,713,446	43,360,647	13,904,682
New England	37,706,177	17,809,148	2,130,388	82,299,133	37,018,515	13,823,354
South Atlantic	41,303,224	21,408,231	67,470,849	14,304,687	11,888,589	9,765,747
All	344,150,515	177,138,157	212,066,502	358,080,737	326,125,223	362,839,403

VMCs, <20 in Y - Region



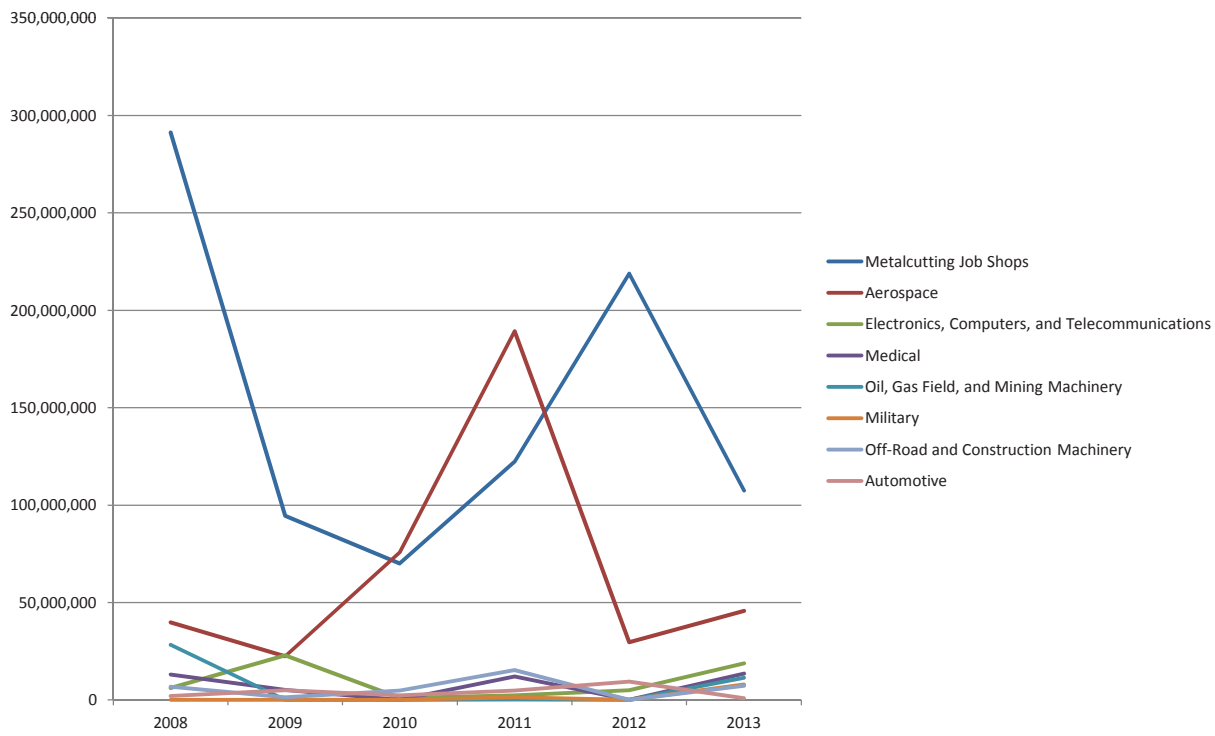
2013

CAPITAL SPENDING Equipment Type Trend Report

VMCs, >20 in Y

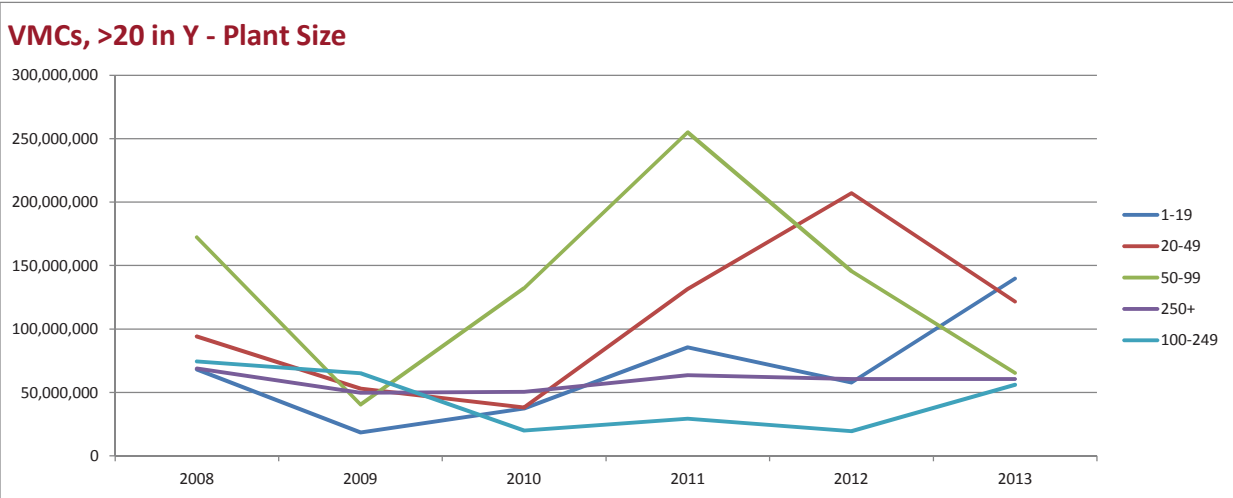
Industry	2008	2009	2010	2011	2012	2013
Metalcutting Job Shops	291,313,144	94,461,548	69,953,479	122,270,684	218,893,383	107,455,932
Other Manufacturing	3,127,342	7,220,804	0	0	6,003,733	80,611,211
Machinery and Equipment Manufacturing	24,485,014	27,822,616	21,334,818	117,766,588	77,510,337	57,135,948
Aerospace	39,864,864	22,425,936	75,764,667	189,230,143	29,636,370	45,752,931
Non-Manufacturing	0	0	0	0	0	43,617,858
Forming and Fabricating (non-auto)	13,601,762	12,323,045	67,173,836	65,325,314	35,818,006	19,455,372
Electronics, Computers, and Telecommunications	6,101,318	22,817,697	1,011,876	2,333,797	4,948,328	18,749,140
Primary Metals	3,575,424	2,146,071	0	0	0	14,524,025
Medical	13,074,005	5,105,770	0	12,082,918	0	13,598,979
Oil, Gas Field, and Mining Machinery	28,231,619	0	0	154,620	0	11,401,760
Military	0	0	0	1,352,926	0	7,888,648
Off-Road and Construction Machinery	6,841,111	1,390,370	4,822,262	15,338,145	0	7,196,999
Custom Processors	0	0	0	0	0	4,532,510
HVAC	2,242,621	22,484	0	8,967,778	7,484,866	3,657,361
Pumps, Valves and Plumbing Products	24,353,747	6,313,478	12,708,334	3,352,116	94,855,373	3,633,685
Ship Building	0	9,059,479	0	0	0	1,828,680
Wood and Paper Products	0	0	0	0	0	1,151,520
Automotive	2,052,376	5,005,285	2,327,666	4,821,594	9,492,597	929,213
Hardware	31,441	0	0	1,955,300	1,086,520	311,283
Industrial Motors, Hydraulic and Mechanical Components	15,351,056	6,965,136	23,188,817	7,086,667	3,205,839	0
Power Generation	3,138,242	2,140,478	0	0	1,385,477	0
Appliances	0	0	0	13,005,807	0	0
Furniture Manufacturing	583,690	1,579,788	0	0	0	0
Construction Materials	0	0	0	0	0	0
Food and Beverage Processing	0	0	0	0	0	0
Petrochemical Processors	0	0	0	0	0	0
Plastics and Rubber	0	0	0	0	0	0
Printing	0	0	0	0	0	0
Textiles, Clothing, and Leather Goods	0	0	0	0	0	0
All	477,968,777	226,799,985	278,285,754	565,044,396	490,320,830	443,433,054

VMCs, >20 in Y - Industry



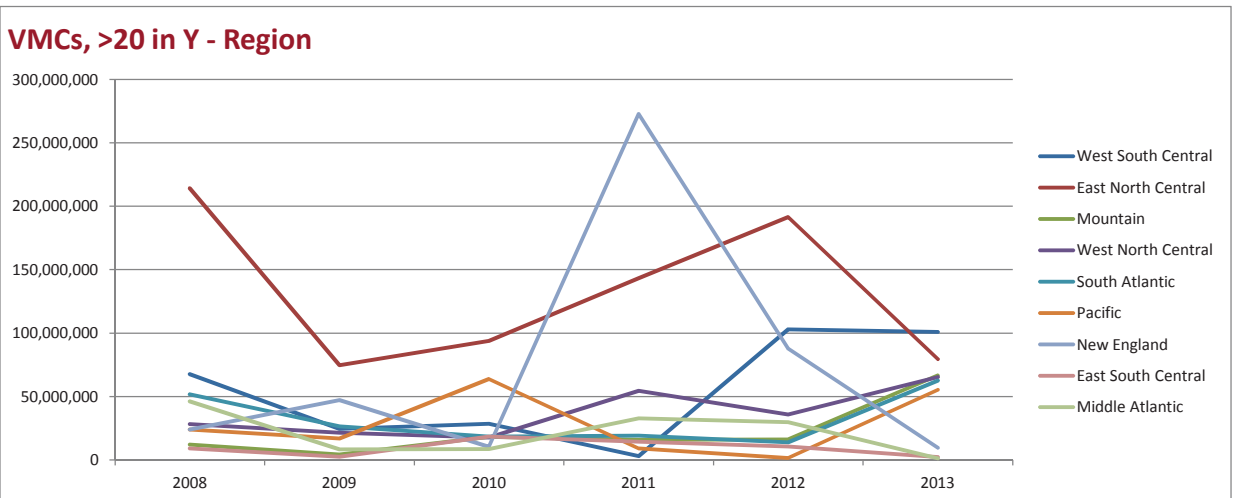
VMCs, >20 in Y

Plant Size	2008	2009	2010	2011	2012	2013
1-19	68,117,962	18,380,175	37,516,779	85,577,274	57,744,306	139,691,675
20-49	94,031,244	53,050,859	38,258,845	131,429,185	207,026,223	121,732,711
50-99	172,407,764	40,363,565	132,101,733	255,068,771	145,648,628	65,489,681
250+	68,944,683	49,755,032	50,528,198	63,607,575	60,482,602	60,523,562
100-249	74,467,124	65,250,354	19,880,198	29,361,591	19,419,070	55,995,426
All	477,968,777	226,799,985	278,285,754	565,044,396	490,320,830	443,433,054



VMCs, >20 in Y

Region	2008	2009	2010	2011	2012	2013
West South Central	67,732,674	24,510,527	28,454,489	2,998,909	102,941,802	101,016,302
East North Central	214,201,103	74,621,288	93,810,755	143,182,071	191,545,200	79,489,469
Mountain	12,064,529	4,294,425	18,194,963	15,939,518	16,321,521	66,574,140
West North Central	28,431,667	21,561,700	17,789,757	54,558,606	35,782,376	65,301,558
South Atlantic	51,881,486	26,577,933	18,517,929	19,204,797	13,863,030	62,598,206
Pacific	24,112,794	16,848,041	63,926,961	9,100,038	1,544,920	55,327,435
New England	24,096,891	47,276,433	10,419,358	272,716,992	87,701,215	9,543,439
East South Central	9,105,421	2,712,612	18,526,445	14,443,409	10,766,706	2,239,066
Middle Atlantic	46,342,212	8,397,026	8,645,096	32,900,056	29,854,060	1,343,440
All	477,968,777	226,799,985	278,285,754	565,044,396	490,320,830	443,433,054



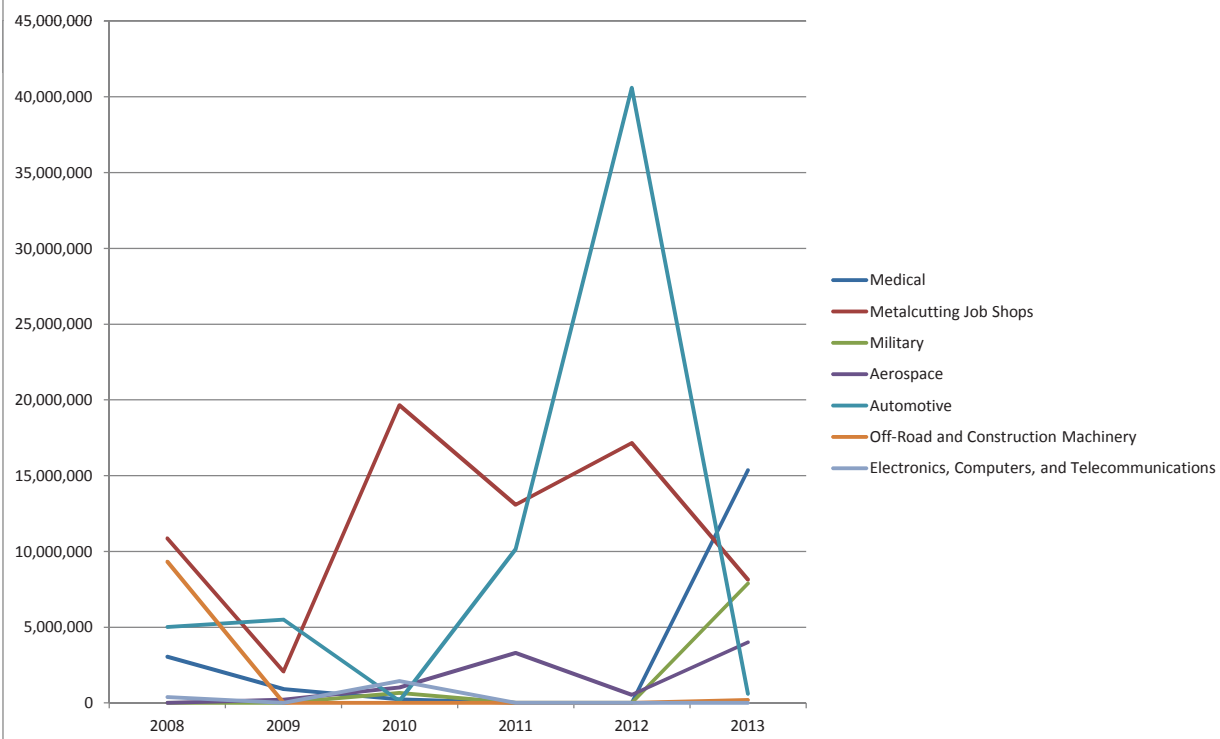
2013

CAPITAL SPENDING Equipment Type Trend Report

Grinding, centerless

Industry	2008	2009	2010	2011	2012	2013
Medical	3,056,730	905,680	242,179	0	0	15,360,915
Non-Manufacturing	0	0	0	0	0	14,236,875
Metalcutting Job Shops	10,866,618	2,073,876	19,647,003	13,085,959	17,155,030	8,139,081
Military	0	0	663,663	0	0	7,888,648
Machinery and Equipment Manufacturing	0	11,369,621	29,496	26,247	2,597,769	5,564,144
Aerospace	9,898	217,232	1,015,638	3,307,111	538,797	3,998,333
Pumps, Valves and Plumbing Products	509,455	666,704	0	0	0	1,102,999
Automotive	5,019,574	5,492,356	143,360	10,142,944	40,604,710	591,071
Other Manufacturing	649,191	1,628,825	0	6,532,618	24,534,484	570,771
Plastics and Rubber	1,910,456	0	0	0	0	548,604
Off-Road and Construction Machinery	9,310,454	0	0	0	0	187,825
Primary Metals	0	0	0	0	0	65,832
Industrial Motors, Hydraulic and Mechanical Components	0	0	0	0	138,013	35,185
Hardware	2,183,378	1,212,531	0	0	646,556	0
Electronics, Computers, and Telecommunications	392,897	0	1,436,502	0	0	0
Forming and Fabricating (non-auto)	0	71,317	0	0	0	0
Appliances	0	0	0	0	0	0
Construction Materials	0	0	0	0	0	0
Custom Processors	0	0	0	0	0	0
Food and Beverage Processing	0	0	0	0	0	0
Furniture Manufacturing	0	0	0	0	0	0
HVAC	0	0	0	0	0	0
Oil, Gas Field, and Mining Machinery	0	0	0	0	0	0
Petrochemical Processors	0	0	0	0	0	0
Power Generation	0	0	0	0	0	0
Printing	0	0	0	0	0	0
Ship Building	0	0	0	0	0	0
Textiles, Clothing, and Leather Goods	0	0	0	0	0	0
Wood and Paper Products	0	0	0	0	0	0
All	33,908,652	23,638,142	23,177,842	33,094,880	86,215,357	58,290,283

Grinding, centerless - Industry

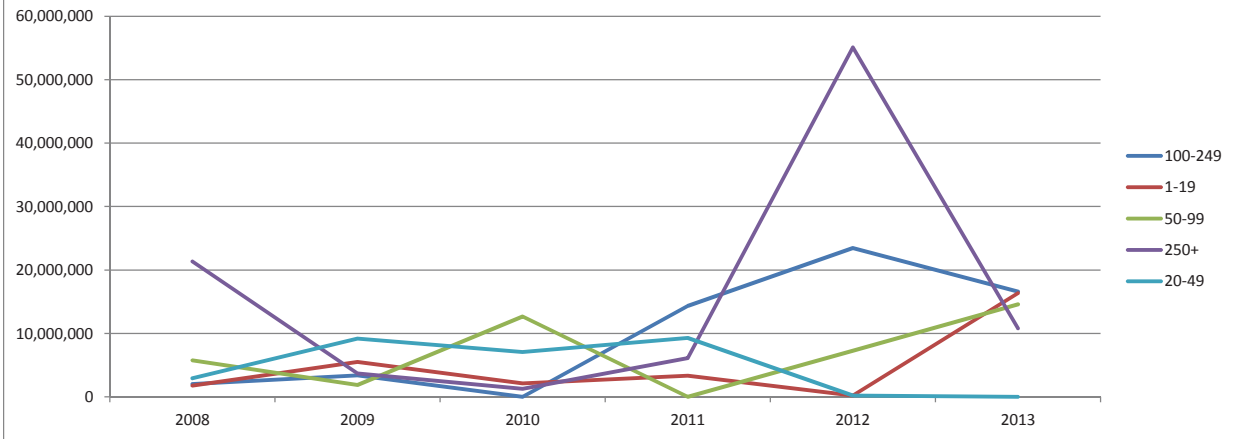


2013 CAPITAL SPENDING
EQUIPMENT TYPE TREND REPORT
GRINDING, CENTERLESS

Grinding, centerless

Plant Size	2008	2009	2010	2011	2012	2013
100-249	2,043,066	3,371,348	0	14,330,209	23,442,185	16,584,912
1-19	1,786,779	5,505,561	2,136,919	3,333,358	224,528	16,334,510
50-99	5,772,286	1,892,574	12,674,009	0	7,277,233	14,573,700
250+	21,368,433	3,687,449	1,269,529	6,130,446	55,065,003	10,797,162
20-49	2,938,089	9,181,210	7,097,386	9,300,866	206,407	0
All	33,908,652	23,638,142	23,177,842	33,094,880	86,215,357	58,290,283

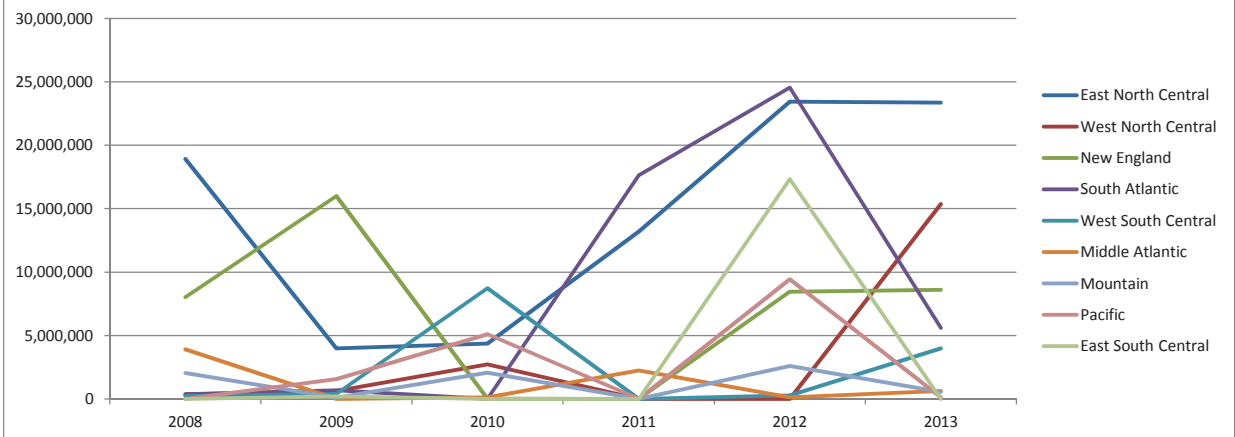
Grinding, centerless - Plant Size



Grinding, centerless

Region	2008	2009	2010	2011	2012	2013
East North Central	18,923,389	3,995,091	4,368,325	13,202,804	23,442,185	23,363,424
West North Central	392,897	648,163	2,732,450	0	0	15,360,915
New England	8,037,485	16,004,870	42,161	0	8,462,586	8,602,347
South Atlantic	356,618	692,406	0	17,637,321	24,534,484	5,605,013
West South Central	240,172	400,165	8,720,150	0	292,923	3,998,333
Middle Atlantic	3,909,545	0	126,484	2,254,755	138,013	639,733
Mountain	2,038,648	112,418	2,079,863	0	2,597,769	574,225
Pacific	9,898	1,570,881	5,108,409	0	9,428,939	146,294
East South Central	0	214,147	0	0	17,318,459	0
All	33,908,652	23,638,142	23,177,842	33,094,880	86,215,357	58,290,283

Grinding, centerless - Region



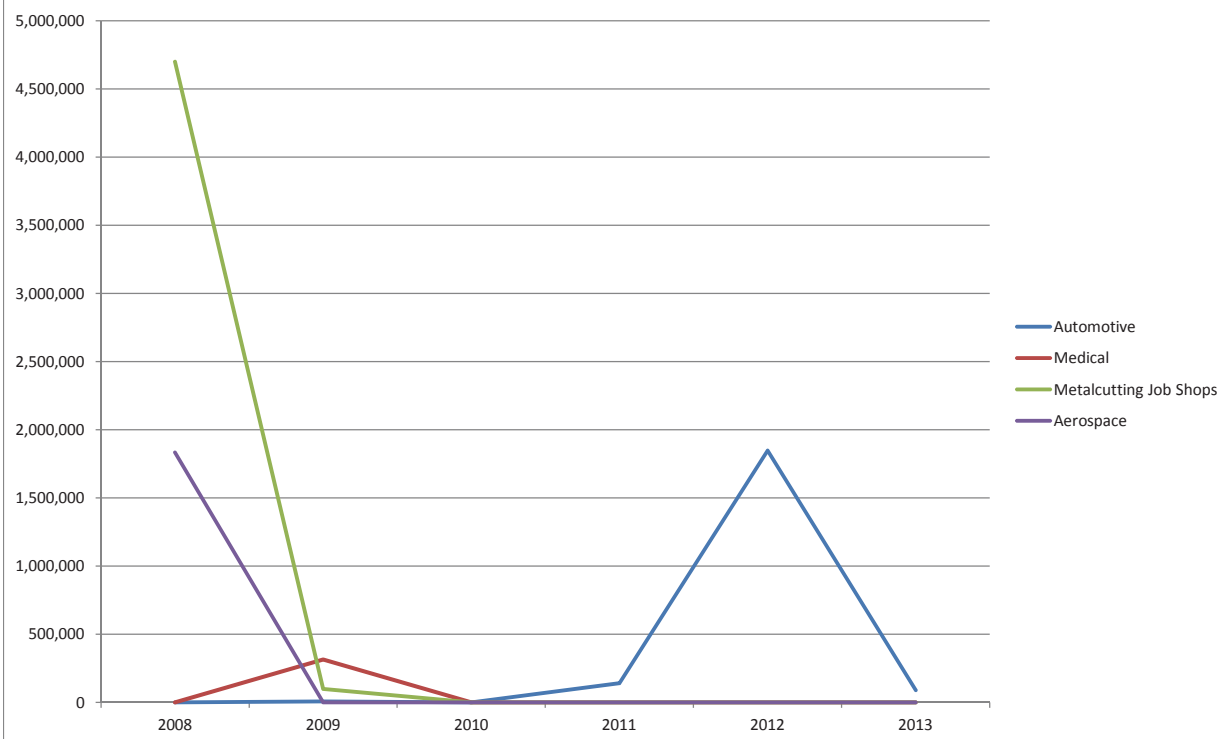
2013

CAPITAL SPENDING Equipment Type Trend Report

Grinding, creep feed

Industry	2008	2009	2010	2011	2012	2013
Automotive	0	8,915	0	140,930	1,847,302	89,563
Machinery and Equipment Manufacturing	10,026,959	746,975	0	0	96,913,821	0
Ship Building	0	0	0	0	62,346	0
Industrial Motors, Hydraulic and Mechanical Components	0	0	0	2,113,947	0	0
Hardware	0	1,648,801	0	0	0	0
Medical	0	314,292	0	0	0	0
Other Manufacturing	0	178,291	0	0	0	0
Metalcutting Job Shops	4,698,841	99,597	0	0	0	0
Aerospace	1,834,038	0	0	0	0	0
Appliances	0	0	0	0	0	0
Construction Materials	0	0	0	0	0	0
Custom Processors	0	0	0	0	0	0
Electronics, Computers, and Telecommunications	0	0	0	0	0	0
Food and Beverage Processing	0	0	0	0	0	0
Forming and Fabricating (non-auto)	0	0	0	0	0	0
Furniture Manufacturing	0	0	0	0	0	0
HVAC	0	0	0	0	0	0
Military	0	0	0	0	0	0
Non-Manufacturing	0	0	0	0	0	0
Off-Road and Construction Machinery	0	0	0	0	0	0
Oil, Gas Field, and Mining Machinery	0	0	0	0	0	0
Petrochemical Processors	0	0	0	0	0	0
Plastics and Rubber	0	0	0	0	0	0
Power Generation	0	0	0	0	0	0
Primary Metals	0	0	0	0	0	0
Printing	0	0	0	0	0	0
Pumps, Valves and Plumbing Products	0	0	0	0	0	0
Textiles, Clothing, and Leather Goods	0	0	0	0	0	0
Wood and Paper Products	0	0	0	0	0	0
All	16,559,838	2,996,871	0	2,254,877	98,823,470	89,563

Grinding, creep feed - Industry

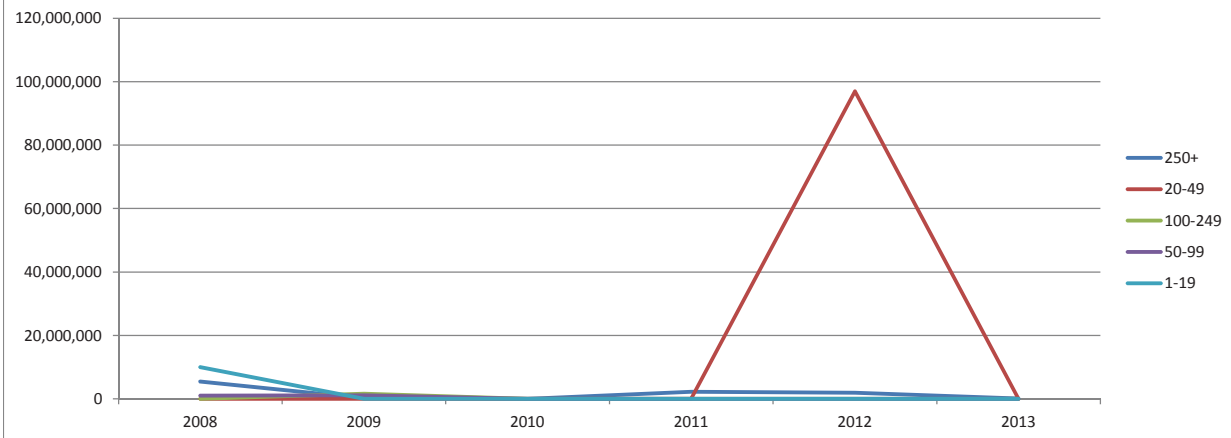


2013 CAPITAL SPENDING
EQUIPMENT TYPE TREND REPORT
GRINDING, CREEP FEED

Grinding, creep feed

Plant Size	2008	2009	2010	2011	2012	2013
250+	5,502,113	187,206	0	2,254,877	1,909,649	89,563
20-49	0	0	0	0	96,913,821	0
100-249	0	1,650,075	0	0	0	0
50-99	1,030,765	1,159,590	0	0	0	0
1-19	10,026,959	0	0	0	0	0
All	16,559,838	2,996,871	0	2,254,877	98,823,470	89,563

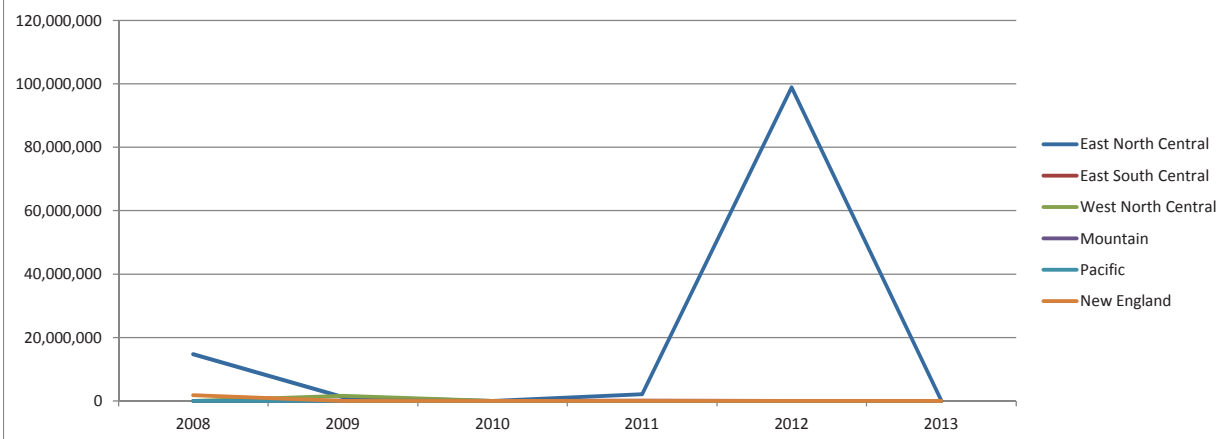
Grinding, creep feed - Plant Size



Grinding, creep feed

Region	2008	2009	2010	2011	2012	2013
East North Central	14,725,800	1,232,971	0	2,113,947	98,823,470	89,563
East South Central	0	14,228	0	140,930	0	0
West North Central	0	1,648,801	0	0	0	0
Mountain	0	99,597	0	0	0	0
Pacific	0	1,274	0	0	0	0
New England	1,834,038	0	0	0	0	0
Middle Atlantic	0	0	0	0	0	0
South Atlantic	0	0	0	0	0	0
West South Central	0	0	0	0	0	0
All	16,559,838	2,996,871	0	2,254,877	98,823,470	89,563

Grinding, creep feed - Region



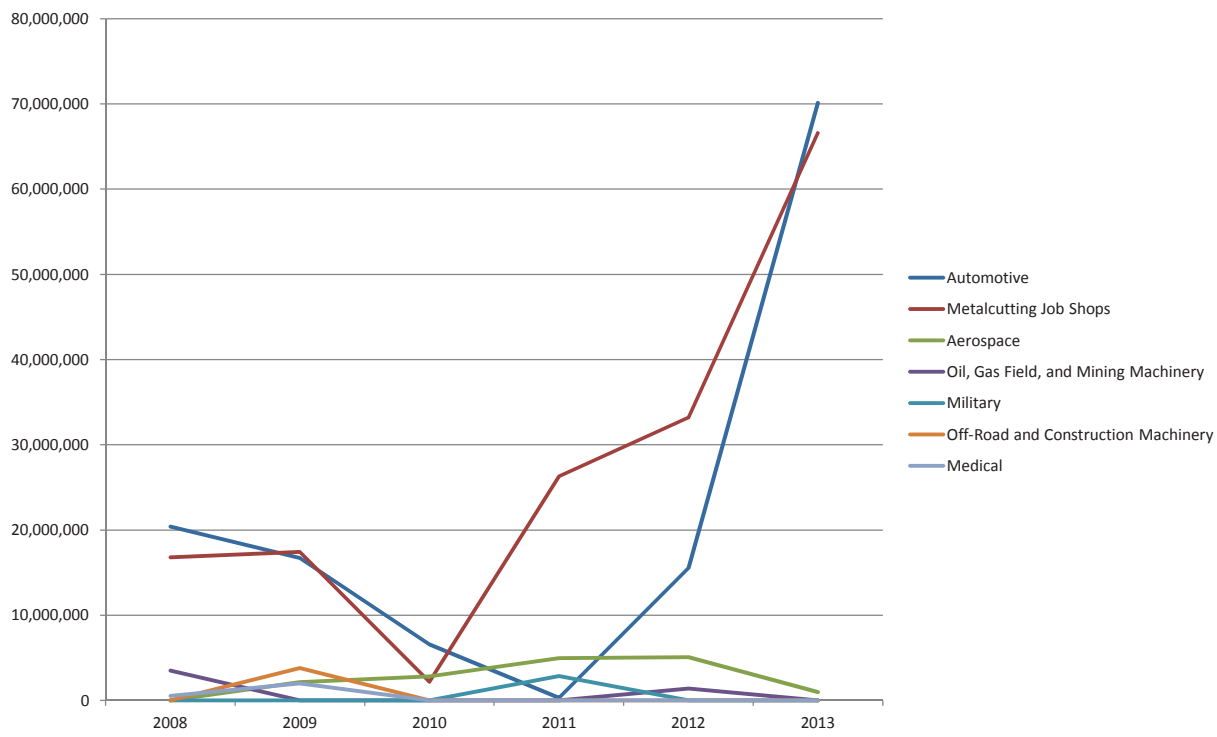
2013

CAPITAL SPENDING Equipment Type Trend Report

Grinding, cylindrical/external

Industry	2008	2009	2010	2011	2012	2013
Automotive	20,411,808	16,730,212	6,590,268	311,314	15,567,371	70,103,385
Metalcutting Job Shops	16,808,900	17,425,489	2,183,407	26,300,597	33,220,327	66,575,084
Machinery and Equipment Manufacturing	10,225,568	9,912,101	85,126	324,777	11,584,125	46,191,524
Other Manufacturing	713,237	8,959,356	2,136,182	0	16,372,802	37,093,066
Primary Metals	0	0	0	0	0	8,836,315
Aerospace	14,847	2,162,118	2,838,873	4,985,470	5,080,081	969,457
Industrial Motors, Hydraulic and Mechanical Components	20,751,292	703,524	3,863,956	1,811,954	0	425,945
Non-Manufacturing	0	0	0	0	0	109,596
Oil, Gas Field, and Mining Machinery	3,493,405	0	0	0	1,403,412	0
Forming and Fabricating (non-auto)	0	2,055,158	0	0	1,278,293	0
Pumps, Valves and Plumbing Products	436,676	2,830,534	0	0	550,419	0
Military	0	0	0	2,868,928	0	0
Ship Building	26,201	0	0	136,484	0	0
Electronics, Computers, and Telecommunications	1,092	6,831,682	0	30,602	0	0
HVAC	0	0	936,922	0	0	0
Off-Road and Construction Machinery	0	3,820,531	0	0	0	0
Medical	549,331	1,986,919	0	0	0	0
Hardware	2,183,378	907,702	0	0	0	0
Power Generation	0	178,291	0	0	0	0
Custom Processors	561,282	0	0	0	0	0
Appliances	0	0	0	0	0	0
Construction Materials	0	0	0	0	0	0
Food and Beverage Processing	0	0	0	0	0	0
Furniture Manufacturing	0	0	0	0	0	0
Petrochemical Processors	0	0	0	0	0	0
Plastics and Rubber	0	0	0	0	0	0
Printing	0	0	0	0	0	0
Textiles, Clothing, and Leather Goods	0	0	0	0	0	0
Wood and Paper Products	0	0	0	0	0	0
All	76,177,017	74,503,616	18,634,734	36,770,127	85,056,830	230,304,373

Grinding, cylindrical/external - Industry

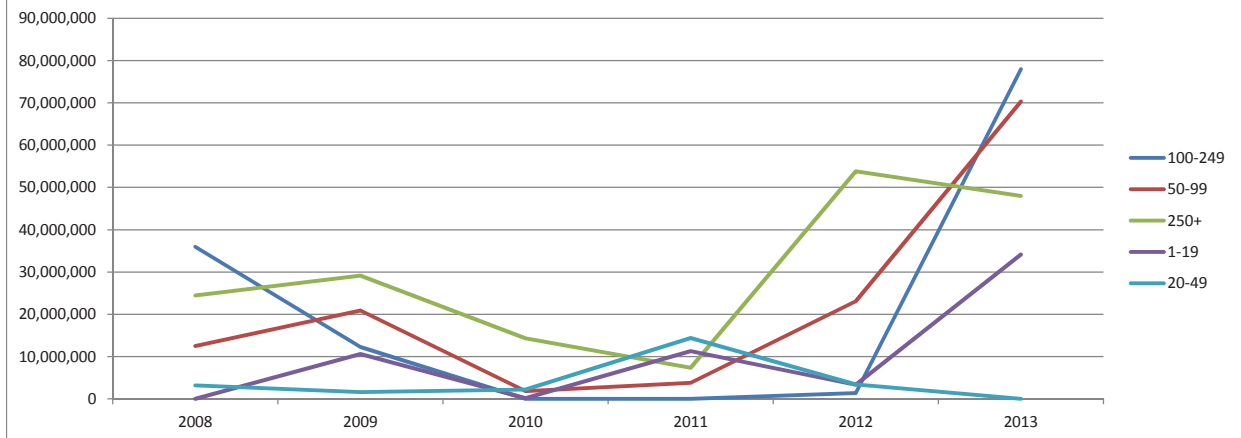


GRINDING, CYLINDRICAL/EXTERNAL

Grinding, cylindrical/external

Plant Size	2008	2009	2010	2011	2012	2013
100-249	35,978,162	12,300,266	0	0	1,403,412	77,923,727
50-99	12,524,289	20,875,936	1,851,643	3,798,883	23,110,414	70,272,118
250+	24,436,298	29,113,721	14,344,274	7,349,126	53,783,437	47,961,952
1-19	7,923	10,588,924	209,578	11,256,251	3,319,450	34,146,576
20-49	3,230,346	1,624,770	2,229,239	14,365,867	3,440,117	0
All	76,177,017	74,503,616	18,634,734	36,770,127	85,056,830	230,304,373

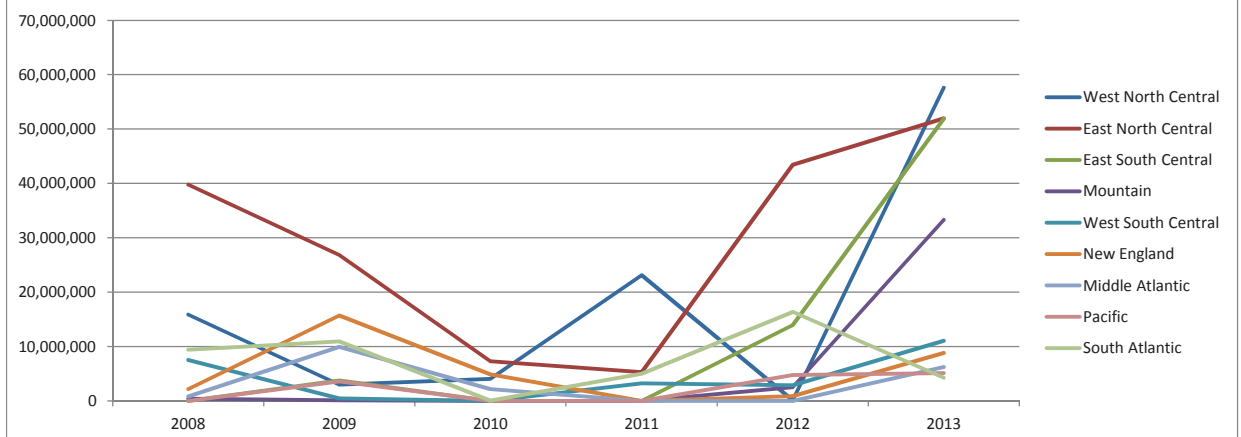
Grinding, cylindrical/external - Plant Size



Grinding, cylindrical/external

Region	2008	2009	2010	2011	2012	2013
West North Central	15,902,984	3,011,909	4,098,187	23,138,498	124,753	57,620,443
East North Central	39,799,668	26,838,302	7,303,568	5,302,632	43,447,100	51,946,671
East South Central	0	3,778,493	0	38,433	13,950,981	51,892,982
Mountain	407,564	107,769	0	40,552	2,556,953	33,321,325
West South Central	7,572,759	513,276	0	3,240,624	2,906,177	11,057,117
New England	2,215,401	15,722,151	4,918,840	0	903,861	8,836,315
Middle Atlantic	838,936	9,986,165	2,220,993	0	0	6,225,658
Pacific	15,939	3,611,392	18,629	18,120	4,810,683	5,150,317
South Atlantic	9,423,766	10,934,159	74,517	4,991,269	16,356,323	4,253,543
All	76,177,017	74,503,616	18,634,734	36,770,127	85,056,830	230,304,373

Grinding, cylindrical/external - Region



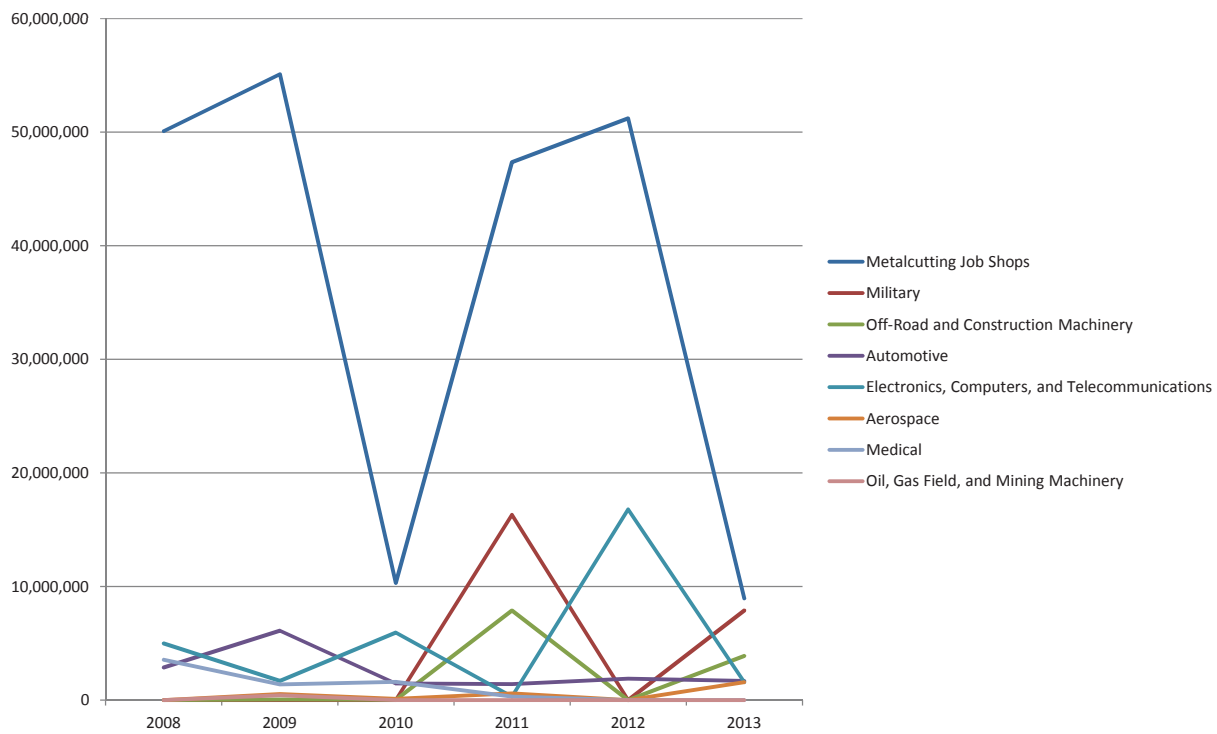
2013

CAPITAL SPENDING Equipment Type Trend Report

Grinding, flat/surface

Industry	2008	2009	2010	2011	2012	2013
Machinery and Equipment Manufacturing	27,113,963	10,688,654	1,320,821	3,108,393	32,658,345	41,199,925
Primary Metals	0	24,899	0	0	0	39,183,660
Non-Manufacturing	0	0	0	0	0	13,909,294
Metalcutting Job Shops	50,083,899	55,099,315	10,310,615	47,333,660	51,200,704	8,976,619
Military	0	11,857	0	16,301,550	0	7,888,648
Hardware	568,183	847,748	1,869,160	717,105	224,845	4,848,290
Off-Road and Construction Machinery	0	64,026	29,927	7,904,626	0	3,901,599
Industrial Motors, Hydraulic and Mechanical Components	93,076	1,511,100	0	8,014,029	61,797	3,192,269
Wood and Paper Products	0	0	0	0	0	1,791,253
Automotive	2,884,951	6,124,814	1,466,488	1,417,623	1,897,127	1,688,213
Electronics, Computers, and Telecommunications	4,981,774	1,689,062	5,961,513	317,645	16,797,236	1,599,310
Plastics and Rubber	0	0	0	0	0	1,588,570
Aerospace	4,949	536,719	123,816	602,957	11,810	1,582,342
Forming and Fabricating (non-auto)	6,412,007	1,342,836	760,869	43,954,134	6,261,163	1,459,753
Custom Processors	0	0	0	0	0	368,300
Other Manufacturing	841,328	2,001,956	0	20,387,828	2,626,633	187,825
Petrochemical Processors	0	0	0	0	0	27,430
Construction Materials	0	0	0	0	0	1,088
Pumps, Valves and Plumbing Products	436,676	354,208	0	1,087,378	15,818,585	0
HVAC	0	0	0	0	561,365	0
Power Generation	509,455	55,299	0	0	20,792	0
Medical	3,569,380	1,382,131	1,607,825	322,768	0	0
Ship Building	93,449	97,163	0	136,484	0	0
Furniture Manufacturing	139,263	0	0	120,797	0	0
Oil, Gas Field, and Mining Machinery	0	435,066	0	0	0	0
Appliances	0	0	0	0	0	0
Food and Beverage Processing	0	0	0	0	0	0
Printing	0	0	0	0	0	0
Textiles, Clothing, and Leather Goods	0	0	0	0	0	0
All	97,732,352	82,266,855	23,451,033	151,726,977	128,140,402	133,394,389

Grinding, flat/surface - Industry

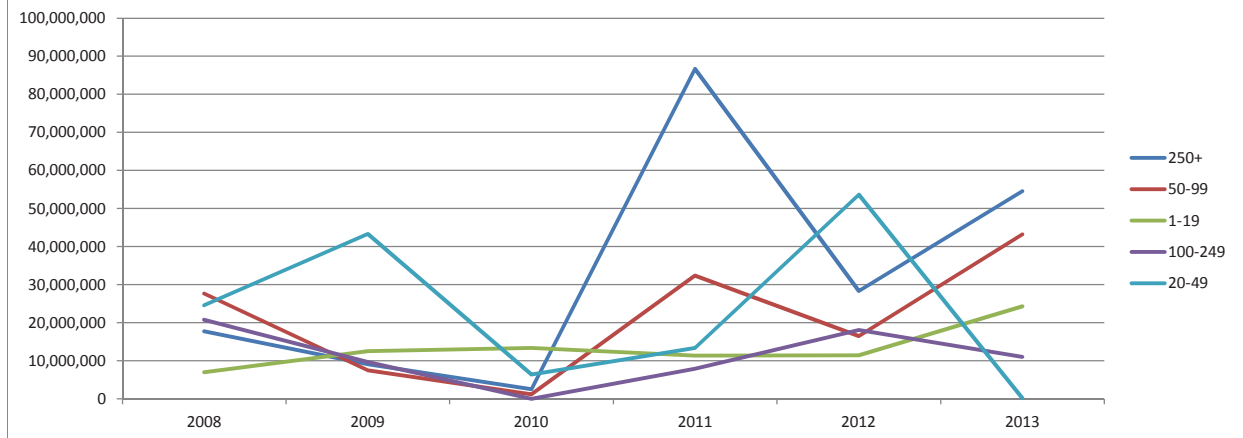


2013 CAPITAL SPENDING
EQUIPMENT TYPE TREND REPORT
GRINDING, FLAT/SURFACE

Grinding, flat/surface

Plant Size	2008	2009	2010	2011	2012	2013
250+	17,718,843	9,089,553	2,536,716	86,707,498	28,380,337	54,597,457
50-99	27,645,125	7,536,338	1,174,981	32,361,576	16,523,478	43,249,931
1-19	7,031,746	12,582,419	13,350,891	11,346,541	11,493,656	24,357,139
100-249	20,748,529	9,724,540	0	7,942,968	18,109,218	11,026,942
20-49	24,588,109	43,334,006	6,388,445	13,368,394	53,633,713	162,919
All	97,732,352	82,266,855	23,451,033	151,726,977	128,140,402	133,394,389

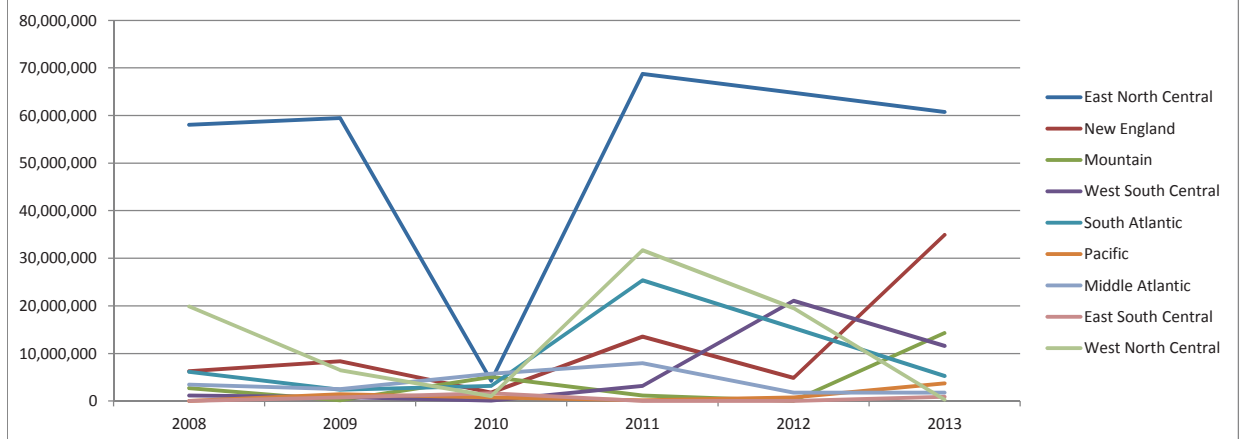
Grinding, flat/surface - Plant Size



Grinding, flat/surface

Region	2008	2009	2010	2011	2012	2013
East North Central	58,074,979	59,458,119	4,265,367	68,708,923	64,784,337	60,737,821
New England	6,306,313	8,363,962	1,758,970	13,525,007	4,881,249	34,903,274
Mountain	2,683,060	139,853	5,040,919	1,154,677	0	14,243,010
West South Central	1,164,046	834,289	118,406	3,150,933	21,057,874	11,573,613
South Atlantic	6,159,120	2,364,214	3,171,429	25,373,430	15,335,277	5,231,550
Pacific	27,287	1,416,867	745,166	140,124	744,871	3,724,802
Middle Atlantic	3,464,501	2,512,995	5,717,853	7,951,813	1,773,934	1,798,343
East South Central	0	733,504	1,627,162	38,433	46,183	909,448
West North Central	19,853,046	6,443,052	1,005,760	31,683,635	19,516,676	272,529
All	97,732,352	82,266,855	23,451,033	151,726,977	128,140,402	133,394,389

Grinding, flat/surface - Region



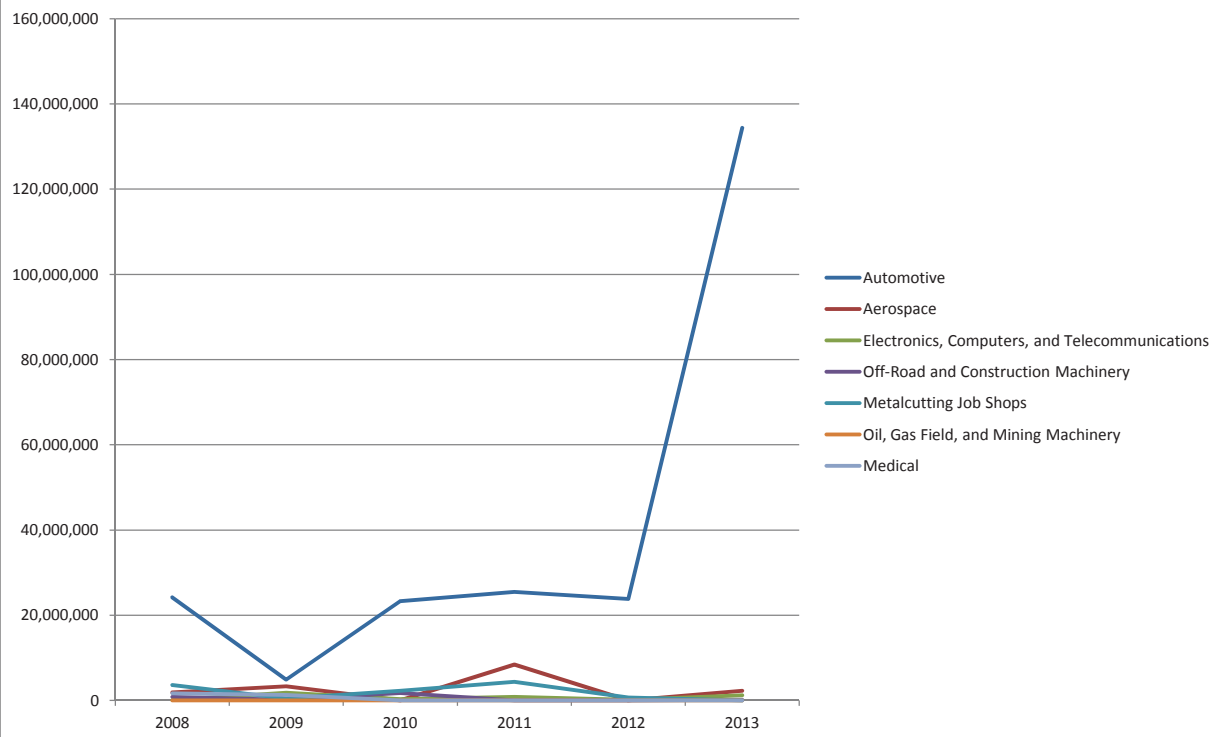
2013

CAPITAL SPENDING Equipment Type Trend Report

Grinding, gearcutting

Industry	2008	2009	2010	2011	2012	2013
Automotive	24,180,187	4,893,542	23,329,542	25,508,445	23,860,893	134,342,776
Primary Metals	0	0	0	0	0	24,687,185
Machinery and Equipment Manufacturing	21,646,740	300,109	13,972	14,797,075	0	3,567,625
Industrial Motors, Hydraulic and Mechanical Components	128,090,767	2,107,034	1,660,318	13,323,555	3,925,517	3,501,370
Wood and Paper Products	0	0	0	0	0	2,303,040
Aerospace	1,917,006	3,317,735	0	8,468,189	23,620	2,281,392
Electronics, Computers, and Telecommunications	67,354	1,860,102	358,373	830,762	197,750	1,248,590
Pumps, Valves and Plumbing Products	1,834,038	1,850,654	0	0	0	639,733
Non-Manufacturing	0	0	0	0	0	639,733
Ship Building	0	53,318	0	272,968	0	457,170
Off-Road and Construction Machinery	876,656	140,544	1,713,810	0	0	179,125
Forming and Fabricating (non-auto)	148,548	19,030	0	398,436	976,472	46,061
Metalcutting Job Shops	3,621,969	493,357	2,282,443	4,405,019	721,088	0
Other Manufacturing	0	178,291	0	53,058,054	0	0
Furniture Manufacturing	0	0	0	120,797	0	0
Oil, Gas Field, and Mining Machinery	0	1,561	3,990	0	0	0
Hardware	982,520	4,351,284	0	0	0	0
HVAC	0	1,730,537	0	0	0	0
Medical	1,646,538	1,267,357	0	0	0	0
Appliances	7,641,824	194,847	0	0	0	0
Construction Materials	544,389	0	0	0	0	0
Custom Processors	0	0	0	0	0	0
Food and Beverage Processing	0	0	0	0	0	0
Military	0	0	0	0	0	0
Petrochemical Processors	0	0	0	0	0	0
Plastics and Rubber	0	0	0	0	0	0
Power Generation	0	0	0	0	0	0
Printing	0	0	0	0	0	0
Textiles, Clothing, and Leather Goods	0	0	0	0	0	0
All	193,198,536	22,759,302	29,362,448	121,183,301	29,705,340	173,893,799

Grinding, gearcutting - Industry

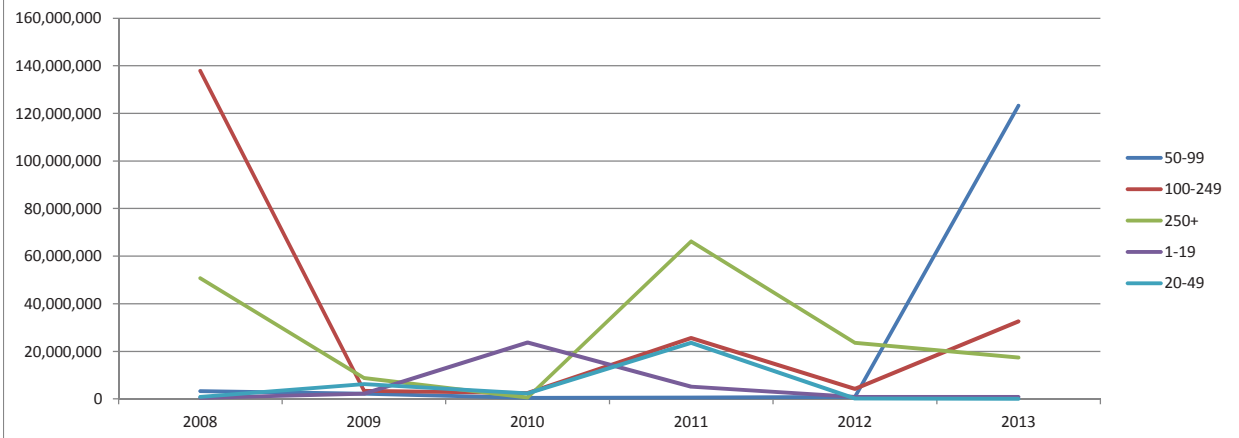


2013 CAPITAL SPENDING
EQUIPMENT TYPE TREND REPORT
GRINDING, GEARCUTTING

Grinding, gearcutting

Plant Size	2008	2009	2010	2011	2012	2013
50-99	3,204,207	2,183,894	462,911	592,456	873,268	123,168,990
100-249	137,871,383	3,410,607	2,399,334	25,658,525	4,158,259	32,532,223
250+	50,794,114	8,779,453	543,883	66,226,654	23,628,151	17,334,851
1-19	509,766	2,151,408	23,669,887	5,094,788	880,536	857,734
20-49	819,066	6,233,940	2,286,433	23,610,877	165,126	0
All	193,198,536	22,759,302	29,362,448	121,183,301	29,705,340	173,893,799

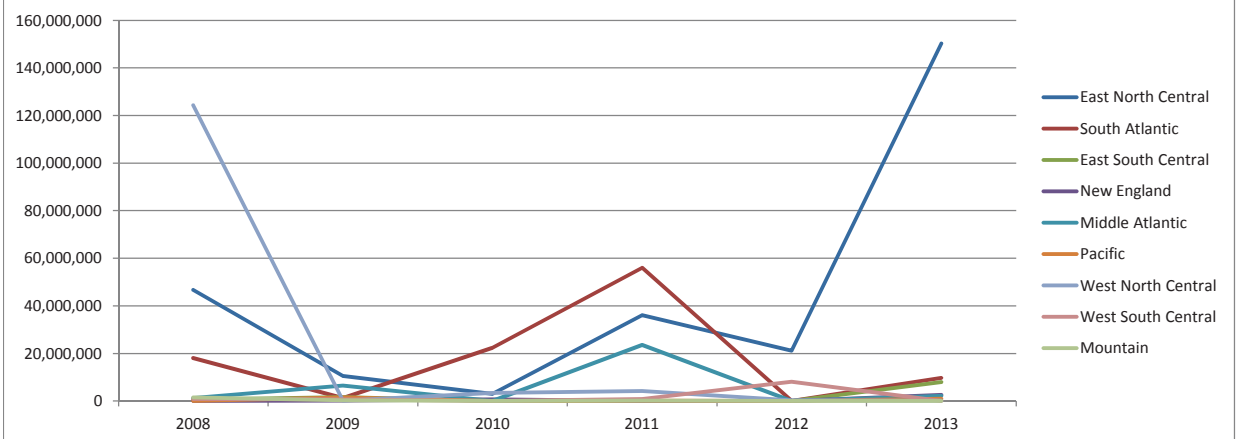
Grinding, gearcutting - Plant Size



Grinding, gearcutting

Region	2008	2009	2010	2011	2012	2013
East North Central	46,680,076	10,508,990	2,945,617	36,029,640	21,149,675	150,235,769
South Atlantic	18,112,805	1,203,521	22,309,153	55,975,259	0	9,760,137
East South Central	521,224	1,716,878	0	38,433	46,183	7,971,076
New England	0	113,133	685,524	104,988	0	2,541,561
Middle Atlantic	1,283,542	6,555,970	0	23,582,943	103,204	2,169,870
Pacific	0	1,550,574	0	142,943	0	1,017,390
West North Central	124,313,767	149,121	3,418,164	4,221,888	322,502	151,937
West South Central	831,536	649,106	3,990	865,424	8,083,776	46,061
Mountain	1,455,586	312,010	0	221,783	0	0
All	193,198,536	22,759,302	29,362,448	121,183,301	29,705,340	173,893,799

Grinding, flat/surface - Region



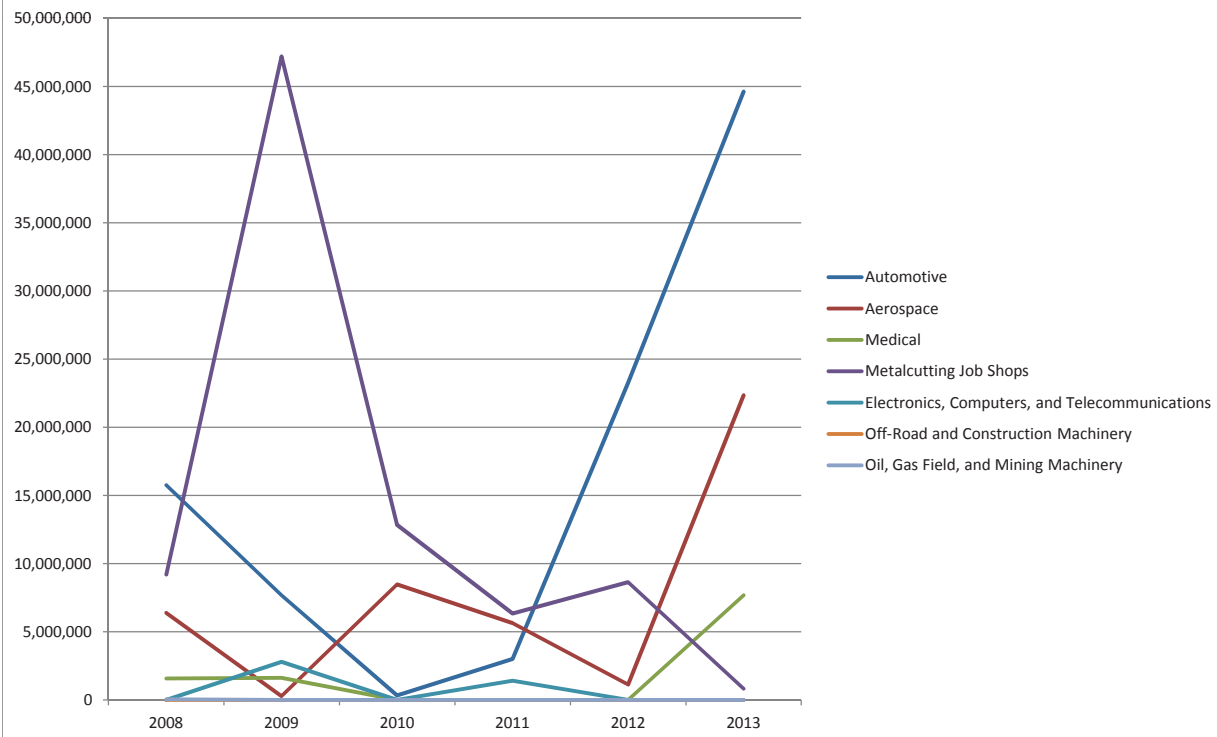
2013

CAPITAL SPENDING Equipment Type Trend Report

Grinding, ID/OD

Industry	2008	2009	2010	2011	2012	2013
Automotive	15,743,613	7,673,571	325,963	3,007,100	23,264,464	44,607,291
Aerospace	6,386,109	295,072	8,473,135	5,637,192	1,139,170	22,356,150
Other Manufacturing	1,288,466	8,427,999	0	0	8,341,725	19,866,516
Machinery and Equipment Manufacturing	5,374,960	3,961,367	19,270,305	115,083,330	34,926,129	10,670,193
Medical	1,587,753	1,635,615	0	0	0	7,680,457
Industrial Motors, Hydraulic and Mechanical Components	7,960,225	1,728,675	0	13,323,555	0	6,481,020
Primary Metals	0	0	0	0	0	4,861,973
Pumps, Valves and Plumbing Products	1,067,752	1,827,723	14,213,375	0	0	2,399,000
Metalcutting Job Shops	9,210,422	47,193,586	12,842,547	6,352,187	8,635,654	830,884
Ship Building	0	0	0	0	0	457,170
Hardware	0	1,610,804	3,513	0	646,556	0
Forming and Fabricating (non-auto)	10,477,260	988,694	31,922	4,027	432,578	0
Electronics, Computers, and Telecommunications	9,903	2,805,548	0	1,409,298	0	0
Off-Road and Construction Machinery	0	0	16,626	0	0	0
Oil, Gas Field, and Mining Machinery	64,046	0	3,990	0	0	0
Power Generation	0	89,146	0	0	0	0
Appliances	0	0	0	0	0	0
Construction Materials	0	0	0	0	0	0
Custom Processors	0	0	0	0	0	0
Food and Beverage Processing	0	0	0	0	0	0
Furniture Manufacturing	0	0	0	0	0	0
HVAC	0	0	0	0	0	0
Military	0	0	0	0	0	0
Non-Manufacturing	0	0	0	0	0	0
Petrochemical Processors	0	0	0	0	0	0
Plastics and Rubber	0	0	0	0	0	0
Printing	0	0	0	0	0	0
Textiles, Clothing, and Leather Goods	0	0	0	0	0	0
Wood and Paper Products	0	0	0	0	0	0
All	59,170,508	78,237,801	55,181,378	144,816,688	77,386,275	120,210,655

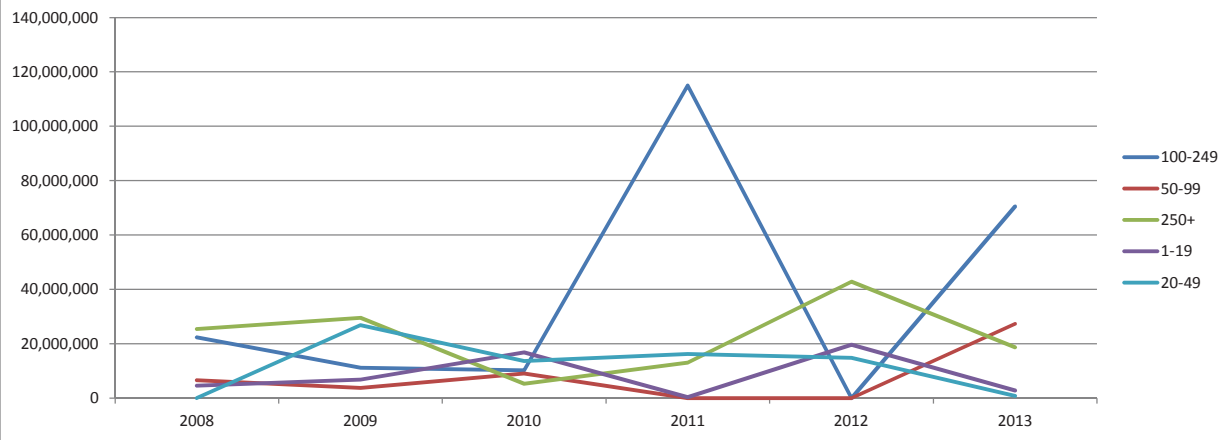
Grinding, ID/OD - Industry



Grinding, ID/OD

Plant Size	2008	2009	2010	2011	2012	2013
100-249	22,395,143	11,221,239	10,225,734	115,036,085	0	70,534,639
50-99	6,596,898	3,769,497	9,112,033	0	0	27,293,852
250+	25,507,390	29,628,601	5,350,995	13,148,347	42,820,853	18,702,601
1-19	4,671,078	6,810,927	16,825,227	359,583	19,658,250	2,848,678
20-49	0	26,807,538	13,667,389	16,272,673	14,907,172	830,884
All	59,170,508	78,237,801	55,181,378	144,816,688	77,386,275	120,210,655

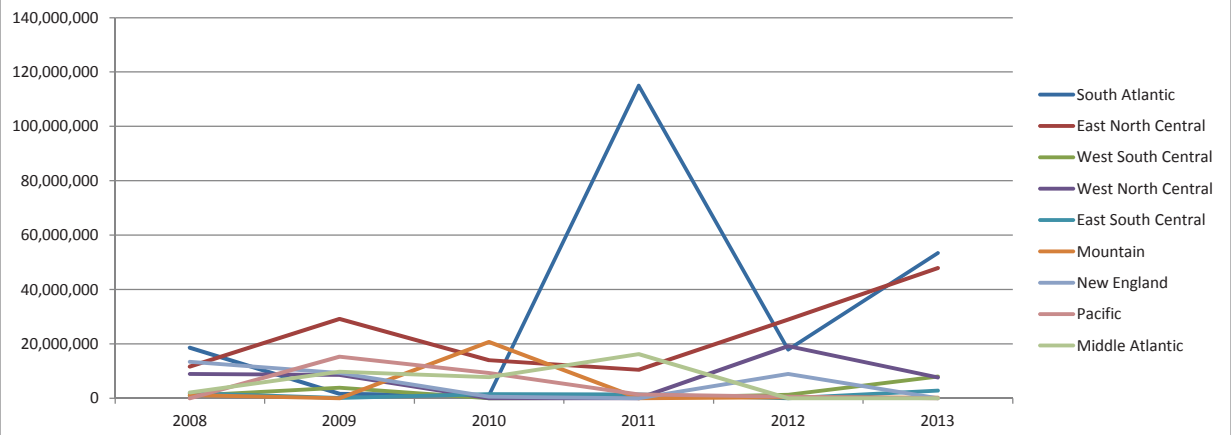
Grinding, ID/OD - Plant Size



Grinding, ID/OD

Region	2008	2009	2010	2011	2012	2013
South Atlantic	18,590,735	1,724,382	1,130,392	115,036,085	17,895,741	53,439,052
East North Central	11,741,265	29,231,614	14,087,513	10,519,952	28,935,124	47,919,879
West South Central	1,029,833	3,931,176	3,990	130,673	1,346,991	8,060,639
West North Central	8,972,768	8,614,426	0	47,244	19,225,672	7,680,457
East South Central	1,965,040	178,291	1,516,308	1,409,298	0	2,817,374
Mountain	1,237,896	92,154	20,714,989	0	432,578	293,253
New England	13,487,826	9,348,257	648,617	0	8,949,795	0
Pacific	26,201	15,323,656	9,276,013	1,413,324	600,373	0
Middle Atlantic	2,118,944	9,793,843	7,803,555	16,260,111	0	0
All	59,170,508	78,237,801	55,181,378	144,816,688	77,386,275	120,210,655

Grinding, ID/OD - Region



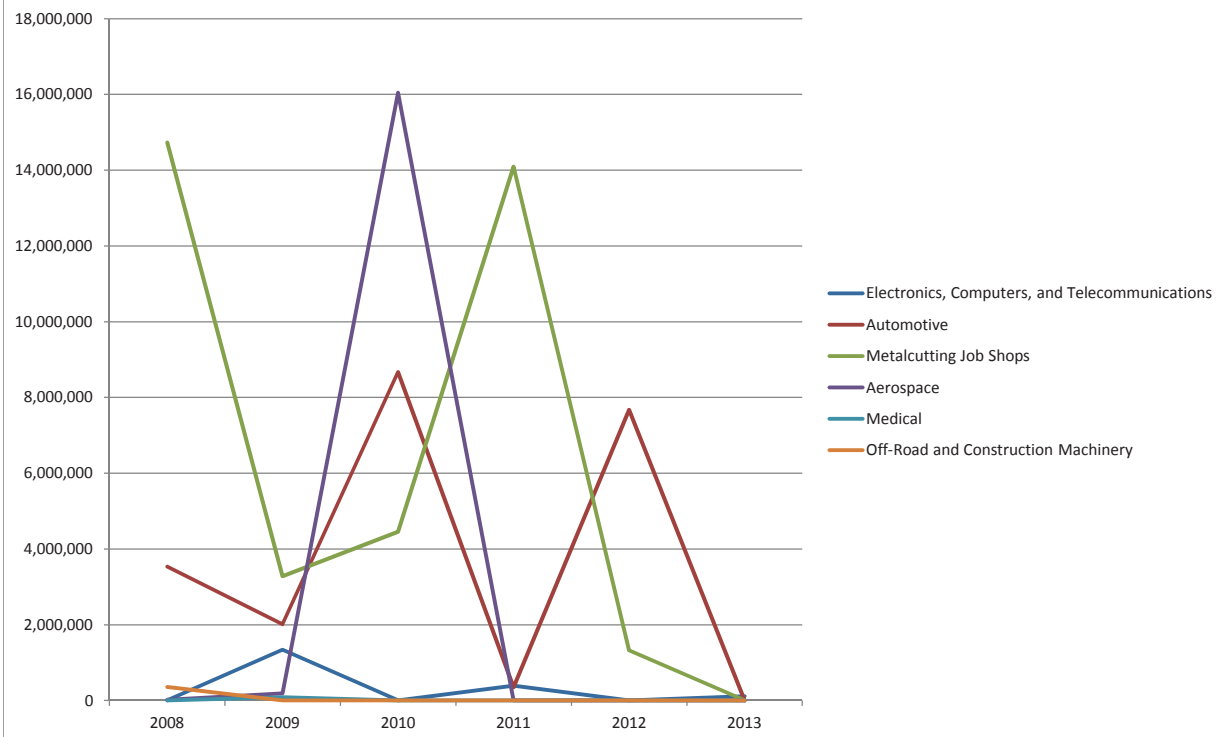
2013

CAPITAL SPENDING Equipment Type Trend Report

Grinding, internal

Industry	2008	2009	2010	2011	2012	2013
Primary Metals	0	0	0	0	0	17,065,377
Machinery and Equipment Manufacturing	3,127,889	50,356	56,535	0	0	4,388,833
Non-Manufacturing	0	0	0	0	0	1,279,466
Electronics, Computers, and Telecommunications	0	1,337,186	0	394,971	0	111,953
Industrial Motors, Hydraulic and Mechanical Components	11,927,238	0	0	0	0	35,185
Automotive	3,534,052	2,011,346	8,670,751	352,759	7,677,850	0
Metalcutting Job Shops	14,725,396	3,282,769	4,458,242	14,092,222	1,318,332	0
Pumps, Valves and Plumbing Products	1,091,689	437,646	0	0	137,605	0
Other Manufacturing	356,618	4,495,492	0	0	16,479	0
Aerospace	19,796	187,364	16,047,573	0	0	0
Forming and Fabricating (non-auto)	0	173,183	0	0	0	0
Medical	0	88,300	0	0	0	0
Off-Road and Construction Machinery	360,257	0	0	0	0	0
Hardware	22,338	0	0	0	0	0
Appliances	0	0	0	0	0	0
Construction Materials	0	0	0	0	0	0
Custom Processors	0	0	0	0	0	0
Food and Beverage Processing	0	0	0	0	0	0
Furniture Manufacturing	0	0	0	0	0	0
HVAC	0	0	0	0	0	0
Military	0	0	0	0	0	0
Oil, Gas Field, and Mining Machinery	0	0	0	0	0	0
Petrochemical Processors	0	0	0	0	0	0
Plastics and Rubber	0	0	0	0	0	0
Power Generation	0	0	0	0	0	0
Printing	0	0	0	0	0	0
Ship Building	0	0	0	0	0	0
Textiles, Clothing, and Leather Goods	0	0	0	0	0	0
Wood and Paper Products	0	0	0	0	0	0
All	35,165,274	12,063,641	29,233,101	14,839,951	9,150,266	22,880,815

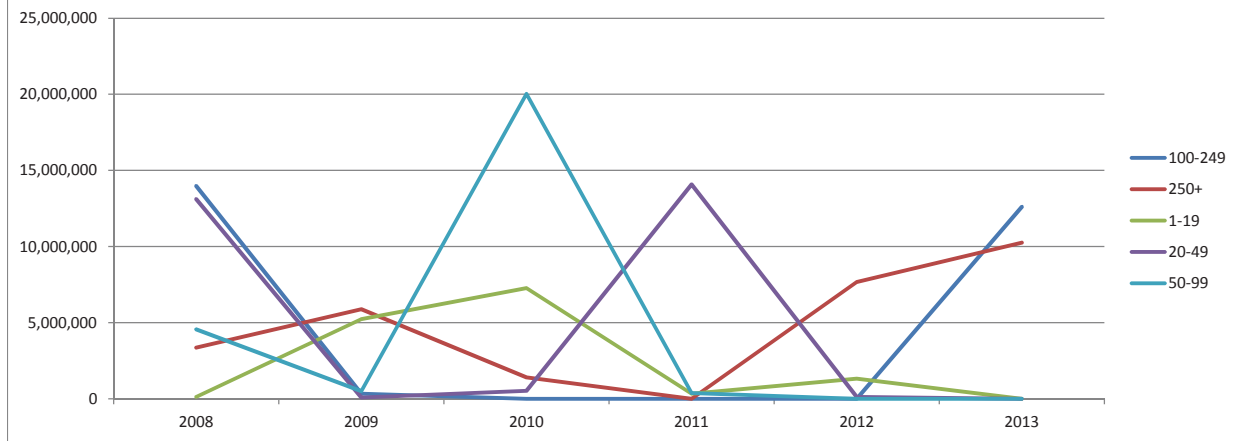
Grinding, internal - Industry



Grinding, internal

Plant Size	2008	2009	2010	2011	2012	2013
100-249	13,985,271	346,023	0	0	0	12,617,894
250+	3,364,004	5,895,080	1,405,383	0	7,677,850	10,262,920
1-19	123,790	5,230,415	7,279,340	352,759	1,334,811	0
20-49	13,127,392	87,026	521,397	14,092,222	137,605	0
50-99	4,564,818	505,097	20,026,981	394,971	0	0
All	35,165,274	12,063,641	29,233,101	14,839,951	9,150,266	22,880,815

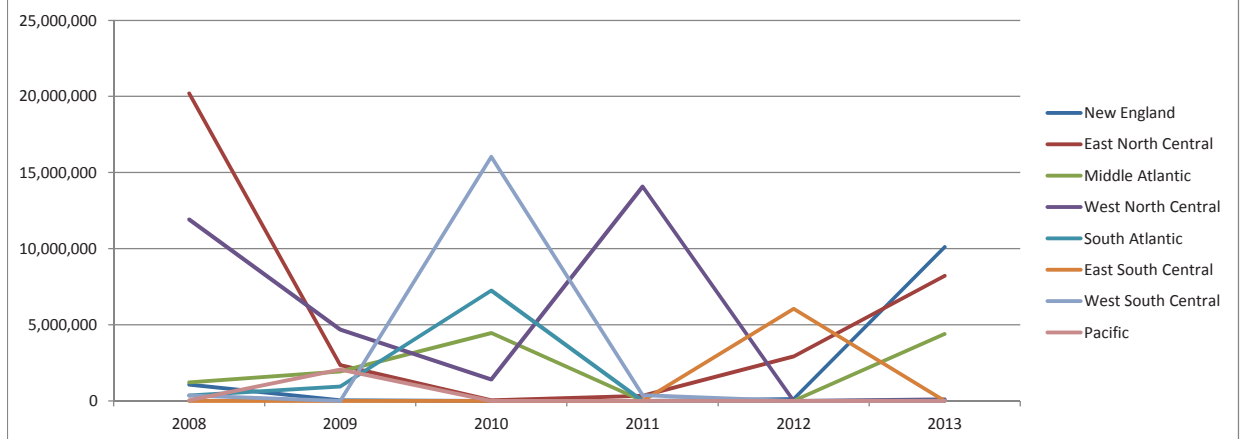
Grinding, internal - Plant Size



Grinding, internal

Region	2008	2009	2010	2011	2012	2013
New England	1,069,855	50,356	0	0	137,605	10,115,782
East North Central	20,193,692	2,364,310	56,535	352,759	2,934,721	8,229,062
Middle Atlantic	1,215,479	1,930,112	4,458,242	0	0	4,388,833
West North Central	11,927,238	4,699,924	1,405,383	14,092,222	0	111,953
South Atlantic	356,618	954,578	7,265,368	0	0	35,185
East South Central	0	0	0	0	6,061,461	0
West South Central	360,257	0	16,047,573	394,971	16,479	0
Pacific	42,134	2,064,361	0	0	0	0
Mountain	0	0	0	0	0	0
All	35,165,274	12,063,641	29,233,101	14,839,951	9,150,266	22,880,815

Grinding, internal - Region



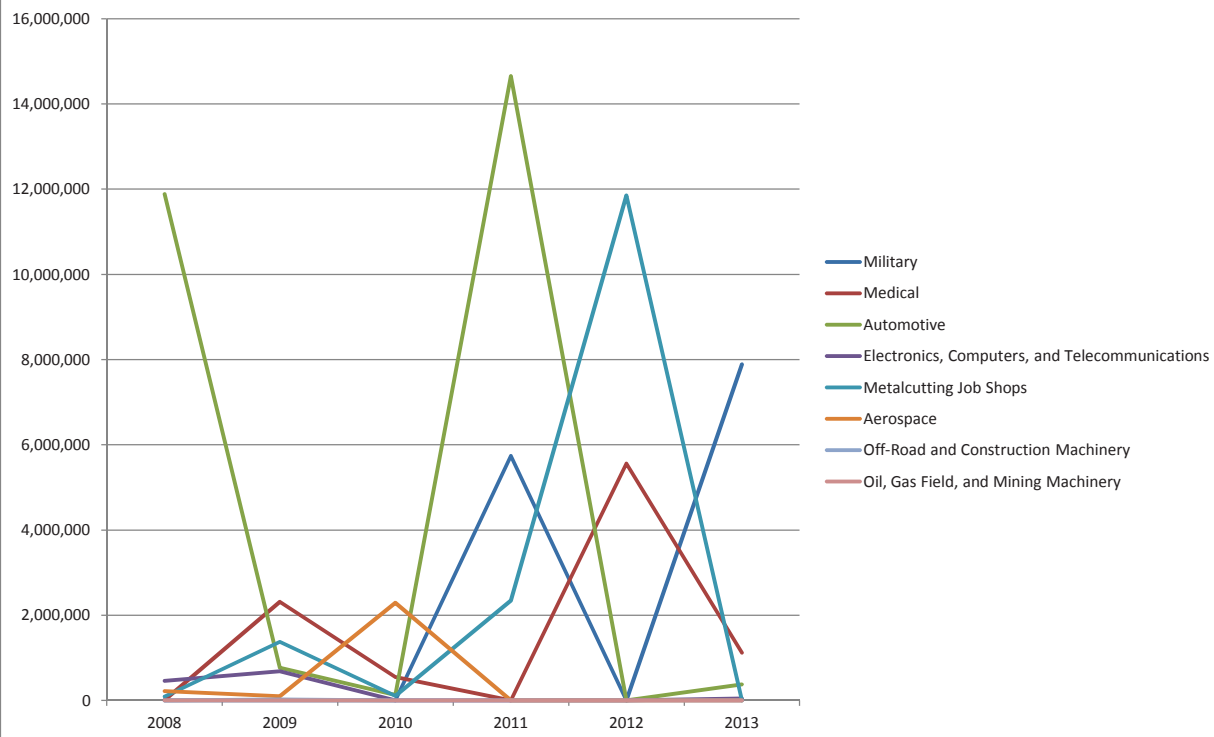
2013

CAPITAL SPENDING Equipment Type Trend Report

Grinding, other

Industry	2008	2009	2010	2011	2012	2013
Machinery and Equipment Manufacturing	4,163,991	45,999,083	14,883,760	13,550,124	43,329,839	24,475,279
Military	0	0	0	5,737,856	0	7,888,648
Hardware	6,550,135	4,104,376	4,918,840	7,009,445	8,081,948	1,755,533
Medical	7,853	2,313,694	554,189	0	5,561,150	1,119,533
Automotive	11,883,800	768,528	127,299	14,656,668	0	377,565
Non-Manufacturing	0	0	0	0	0	281,737
Forming and Fabricating (non-auto)	29,560	585,055	13,972	0	0	237,728
Primary Metals	0	0	116,432	0	0	140,808
Electronics, Computers, and Telecommunications	460,251	685,344	0	0	0	44,781
Metalcutting Job Shops	90,303	1,375,962	110,222	2,343,587	11,853,523	0
Pumps, Valves and Plumbing Products	85,101	520,074	0	524,938	642,155	0
Aerospace	218,338	97,904	2,295,459	0	0	0
Industrial Motors, Hydraulic and Mechanical Components	0	231,562	0	0	0	0
Ship Building	26,201	35,545	0	0	0	0
Off-Road and Construction Machinery	0	21,342	0	0	0	0
Other Manufacturing	618,948	5,924	0	0	0	0
Oil, Gas Field, and Mining Machinery	0	625	0	0	0	0
Power Generation	10,189	0	0	0	0	0
Appliances	0	0	0	0	0	0
Construction Materials	0	0	0	0	0	0
Custom Processors	0	0	0	0	0	0
Food and Beverage Processing	0	0	0	0	0	0
Furniture Manufacturing	0	0	0	0	0	0
HVAC	0	0	0	0	0	0
Petrochemical Processors	0	0	0	0	0	0
Plastics and Rubber	0	0	0	0	0	0
Printing	0	0	0	0	0	0
Textiles, Clothing, and Leather Goods	0	0	0	0	0	0
Wood and Paper Products	0	0	0	0	0	0
All	24,144,670	56,745,019	23,020,174	43,822,619	69,468,614	36,321,613

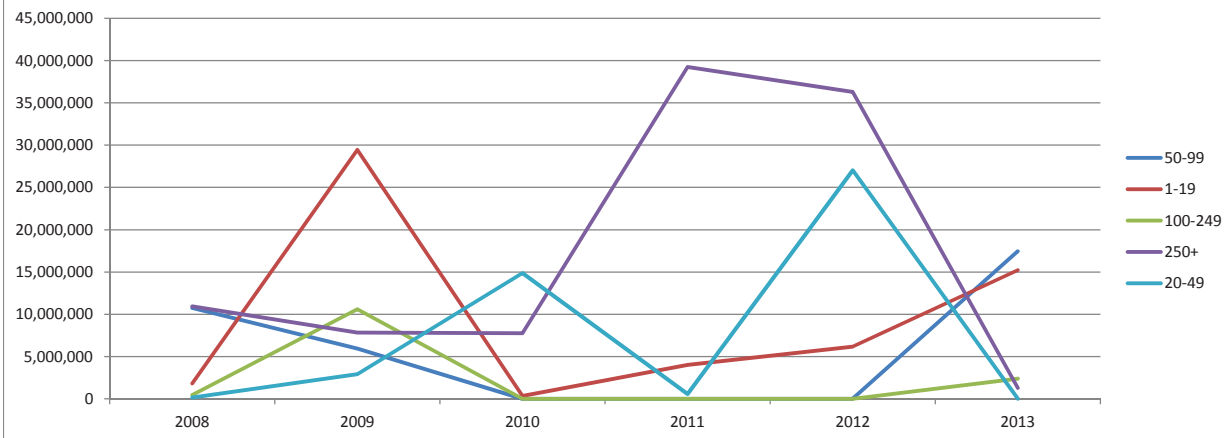
Grinding, other - Industry



Grinding, other

Plant Size	2008	2009	2010	2011	2012	2013
50-99	10,757,263	5,944,143	0	0	0	17,431,843
1-19	1,822,059	29,445,471	367,926	4,016,828	6,179,680	15,213,821
100-249	460,251	10,598,891	0	0	0	2,390,085
250+	10,937,561	7,832,089	7,768,488	39,242,102	36,272,551	1,285,864
20-49	167,536	2,924,426	14,883,760	563,689	27,016,383	0
All	24,144,670	56,745,019	23,020,174	43,822,619	69,468,614	36,321,613

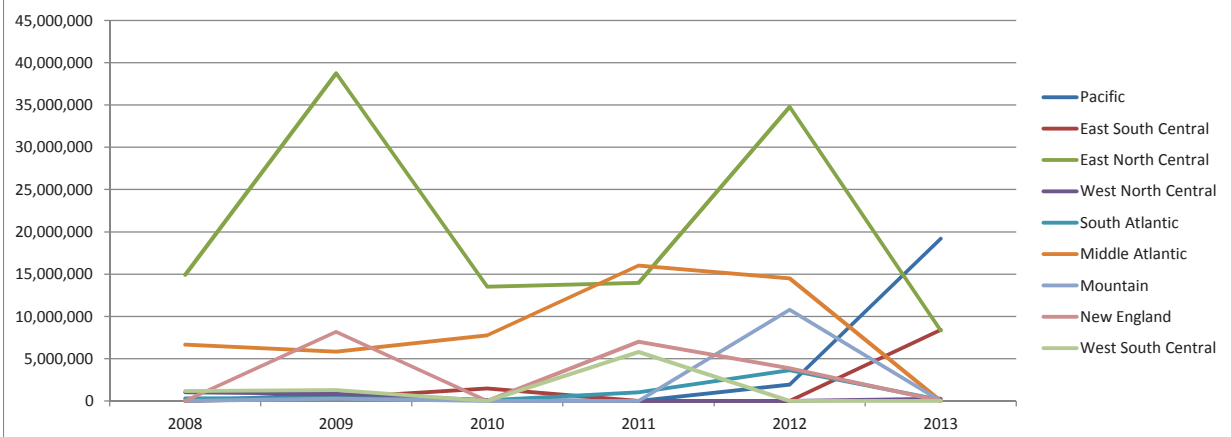
Grinding, other - Plant Size



Grinding, other

Region	2008	2009	2010	2011	2012	2013
Pacific	26,201	819,065	110,222	0	1,924,273	19,187,376
East South Central	0	396,968	1,476,405	0	0	8,400,697
East North Central	14,904,824	38,746,054	13,523,787	13,976,637	34,787,635	8,330,253
West North Central	1,034,127	861,510	52,783	0	0	281,737
South Atlantic	327,250	361,052	74,517	1,030,191	3,636,876	121,549
Middle Atlantic	6,661,054	5,829,602	7,776,250	16,014,946	14,490,969	0
Mountain	0	263,298	0	0	10,775,930	0
New England	0	8,182,930	0	7,009,445	3,852,931	0
West South Central	1,191,214	1,284,541	6,210	5,791,400	0	0
All	24,144,670	56,745,019	23,020,174	43,822,619	69,468,614	36,321,613

Grinding, other - Region



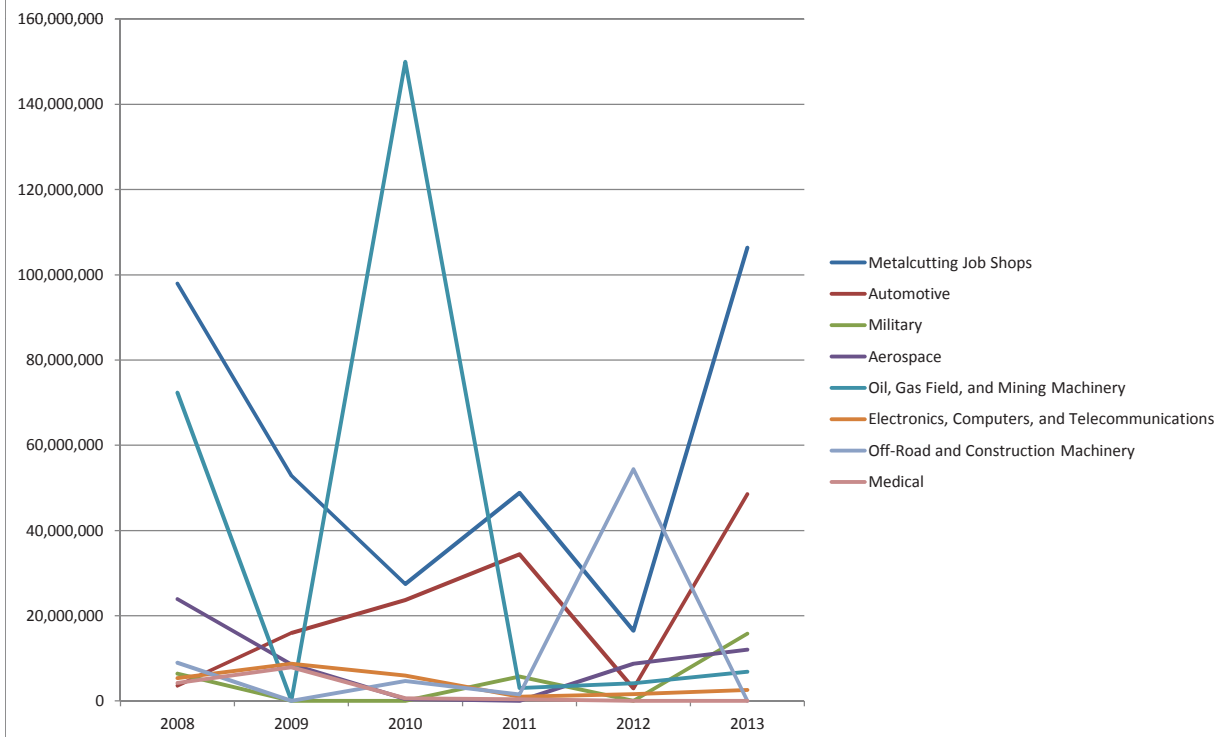
2013

CAPITAL SPENDING Equipment Type Trend Report

Milling, boring, horizontal

Industry	2008	2009	2010	2011	2012	2013
Metalcutting Job Shops	97,931,556	52,915,769	27,410,700	48,866,512	16,433,934	106,348,628
Machinery and Equipment Manufacturing	45,565,769	6,610,057	7,086,963	39,863,568	9,589,410	54,810,357
Automotive	3,586,483	15,918,142	23,709,713	34,392,920	2,940,992	48,508,488
Military	6,410,109	0	0	5,737,856	0	15,777,296
Forming and Fabricating (non-auto)	1,116,888	5,961,118	557,469	4,120,474	102,271,516	14,984,294
Primary Metals	0	0	116,432	0	0	13,685,155
Aerospace	23,938,046	8,574,415	497,405	49,607	8,727,240	12,040,969
Oil, Gas Field, and Mining Machinery	72,302,973	91,808	150,007,607	3,019,924	4,128,140	6,827,073
Pumps, Valves and Plumbing Products	11,820,814	5,055,836	10,118,889	15,099,621	16,841,826	5,921,353
Plastics and Rubber	0	0	0	0	0	5,050,594
Custom Processors	0	0	5,586,398	0	0	3,293,518
Food and Beverage Processing	0	0	0	0	0	2,718,866
Electronics, Computers, and Telecommunications	5,325,831	8,761,838	5,918,155	1,026,928	1,586,633	2,570,690
Ship Building	153,273	4,389,593	477,830	136,484	62,346	1,828,680
Non-Manufacturing	0	0	0	0	0	322,745
Hardware	1,255,705	2,518,695	221,348	657,349	379,852	121,912
Industrial Motors, Hydraulic and Mechanical Components	4,145,489	2,669,391	123,674	0	1,250,243	86,364
Printing	0	0	0	0	0	59,427
Construction Materials	0	0	0	0	0	6,525
Wood and Paper Products	0	0	0	0	0	3,199
Off-Road and Construction Machinery	8,984,885	24,584	4,650,431	1,527,526	54,398,120	0
HVAC	85,880	799,130	398,192	0	1,058,350	0
Other Manufacturing	844,240	1,729,663	0	0	404,097	0
Furniture Manufacturing	0	891,457	0	986,024	53,880	0
Medical	4,207,079	7,895,764	597,288	386,550	0	0
Power Generation	3,566,185	26,498,054	0	0	0	0
Appliances	229,574	0	0	0	0	0
Petrochemical Processors	0	0	0	0	0	0
Textiles, Clothing, and Leather Goods	0	0	0	0	0	0
All	291,470,779	151,305,315	237,478,493	155,871,343	220,126,580	294,966,133

Milling, boring, horizontal - Industry

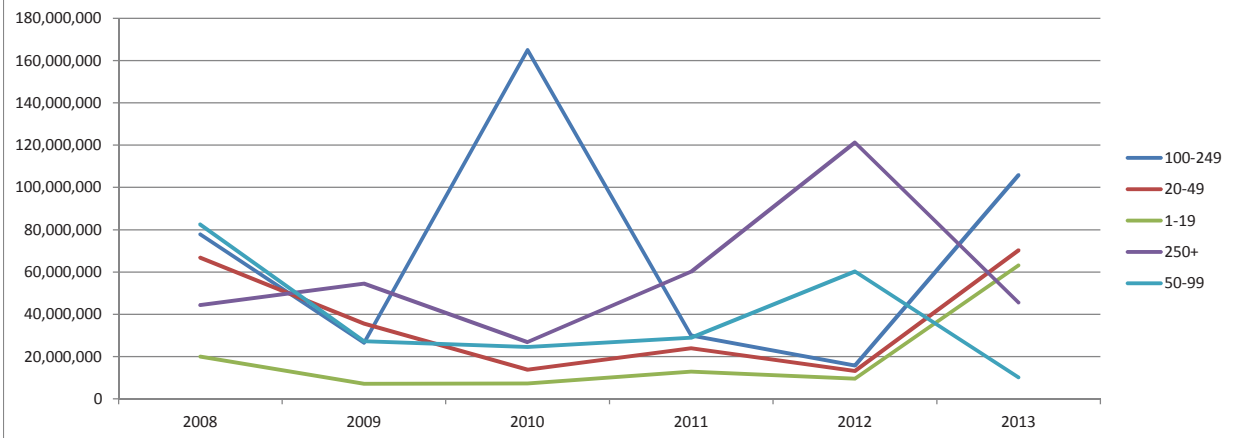


MILLING, BORING, HORIZONTAL

Milling, boring, horizontal

Plant Size	2008	2009	2010	2011	2012	2013
100-249	77,735,654	26,560,644	164,954,233	29,942,250	15,801,384	105,798,316
20-49	66,818,401	35,606,850	13,866,238	23,971,894	13,221,515	70,201,586
1-19	20,034,731	7,207,783	7,304,179	12,967,550	9,576,994	63,178,052
250+	44,390,338	54,582,655	26,839,065	60,094,920	121,208,818	45,604,983
50-99	82,491,654	27,347,383	24,514,779	28,894,730	60,317,869	10,183,196
All	291,470,779	151,305,315	237,478,493	155,871,343	220,126,580	294,966,133

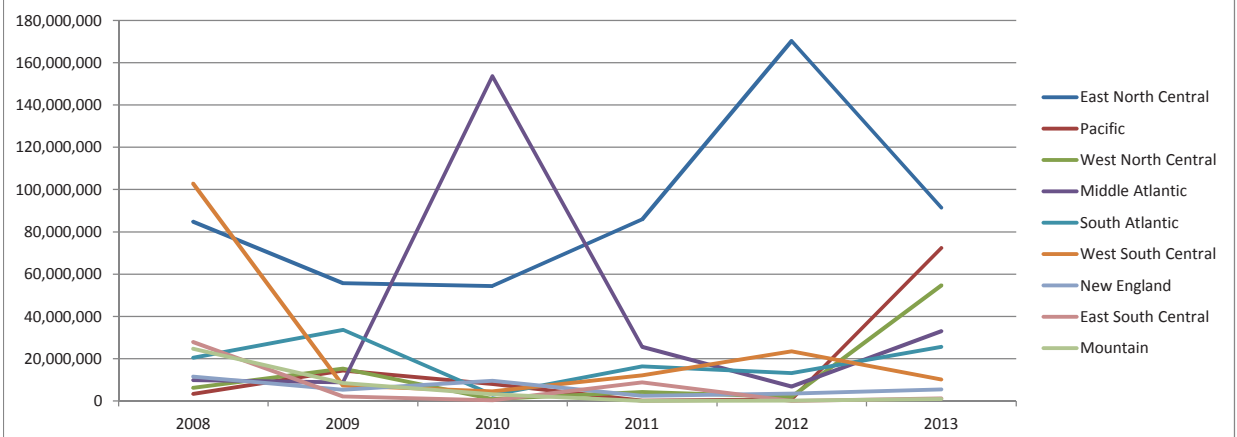
Milling, boring, horizontal - Plant Size



Milling, boring, horizontal

Region	2008	2009	2010	2011	2012	2013
East North Central	84,711,320	55,739,755	54,317,254	85,840,194	170,215,595	91,349,307
Pacific	3,301,632	14,478,212	8,097,796	270,988	769,709	72,338,530
West North Central	6,203,588	15,365,373	925,210	4,226,632	1,991,118	54,658,731
Middle Atlantic	9,833,752	8,789,060	153,591,085	25,604,436	6,866,093	33,053,588
South Atlantic	20,460,177	33,625,710	2,950,909	16,382,204	13,189,303	25,631,824
West South Central	102,758,387	7,240,475	4,549,437	12,130,090	23,454,724	10,193,215
New England	11,481,799	5,355,802	9,519,579	2,472,608	3,502,712	5,517,865
East South Central	27,942,851	2,118,033	330,320	8,855,214	0	1,253,877
Mountain	24,777,274	8,592,895	3,196,904	88,978	137,326	969,196
All	291,470,779	151,305,315	237,478,493	155,871,343	220,126,580	294,966,133

Milling, boring, horizontal - Region



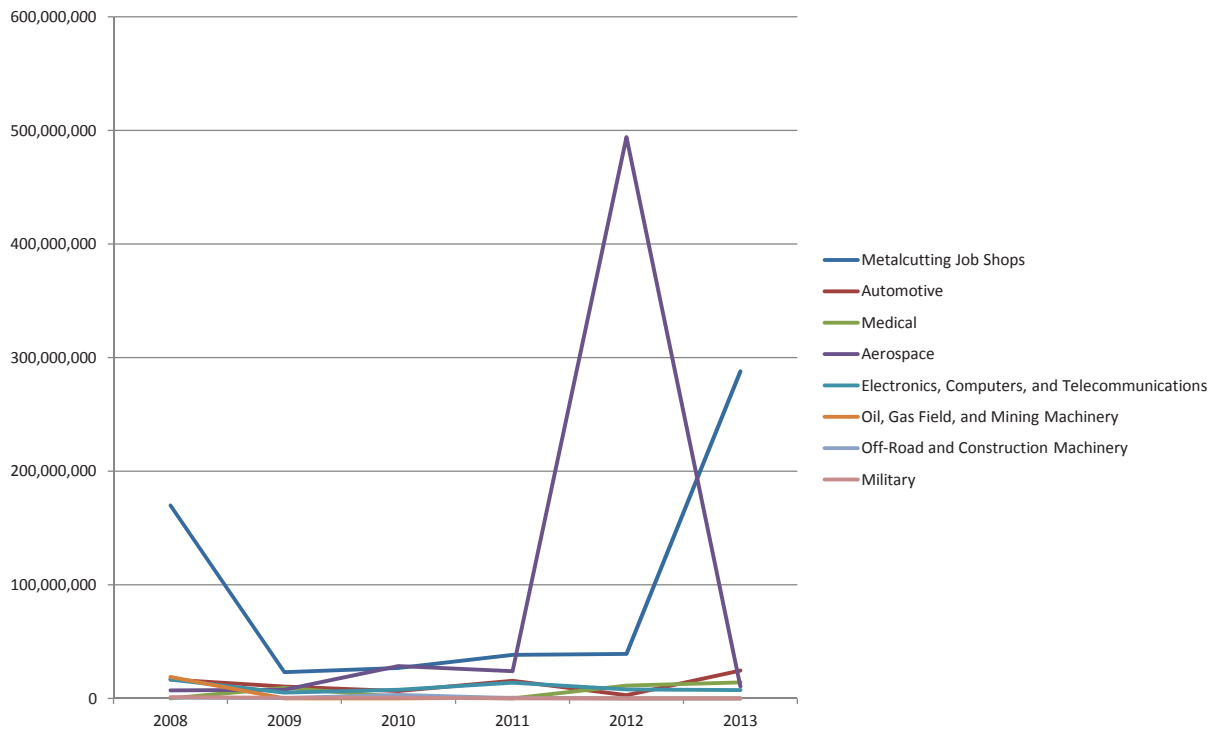
2013

CAPITAL SPENDING Equipment Type Trend Report

Milling, vertical

Industry	2008	2009	2010	2011	2012	2013
Metalcutting Job Shops	169,762,898	23,098,821	26,921,204	38,397,436	39,335,691	287,992,183
Machinery and Equipment Manufacturing	9,141,882	11,006,542	2,742,637	76,677,258	11,766,153	34,475,219
Automotive	16,759,552	10,524,798	6,694,418	15,504,002	3,038,347	24,652,961
Medical	0	9,243,867	1,418,890	0	11,397,068	14,234,064
Aerospace	7,182,758	7,731,399	28,436,880	24,143,695	493,994,439	10,541,407
Electronics, Computers, and Telecommunications	16,682,940	5,120,959	7,714,692	13,979,242	8,055,835	7,477,436
Pumps, Valves and Plumbing Products	26,430,536	12,844,294	10,259,930	16,880,672	8,725,424	3,358,599
Ship Building	127,073	5,349	238,915	136,484	391,397	1,828,680
Wood and Paper Products	0	0	0	0	0	1,791,253
Non-Manufacturing	0	0	0	0	0	488,182
Petrochemical Processors	0	0	0	0	0	304,780
Other Manufacturing	0	3,901,549	0	4,294,681	404,097	281,483
Forming and Fabricating (non-auto)	12,035,509	1,136,099	17,911,247	55,603,095	3,534,635	170,581
Custom Processors	6,287,363	0	0	0	0	167,930
Plastics and Rubber	0	0	0	0	0	127,343
Hardware	22,338	569,394	1,602,136	851,463	748,515	121,912
Industrial Motors, Hydraulic and Mechanical Components	0	963,508	0	27,723,302	579,415	0
Furniture Manufacturing	0	302,347	1,288,268	0	32,328	0
Oil, Gas Field, and Mining Machinery	18,950,206	937	0	590,556	0	0
Off-Road and Construction Machinery	530,108	232,158	3,181,955	356,453	0	0
Military	1,237,896	617,246	530,931	0	0	0
HVAC	61,717	1,329,524	398,192	0	0	0
Power Generation	0	3,461,401	0	0	0	0
Primary Metals	14,042,461	0	0	0	0	0
Appliances	0	0	0	0	0	0
Construction Materials	0	0	0	0	0	0
Food and Beverage Processing	0	0	0	0	0	0
Printing	0	0	0	0	0	0
Textiles, Clothing, and Leather Goods	0	0	0	0	0	0
All	299,255,238	92,090,192	109,340,295	275,138,340	582,003,344	388,014,014

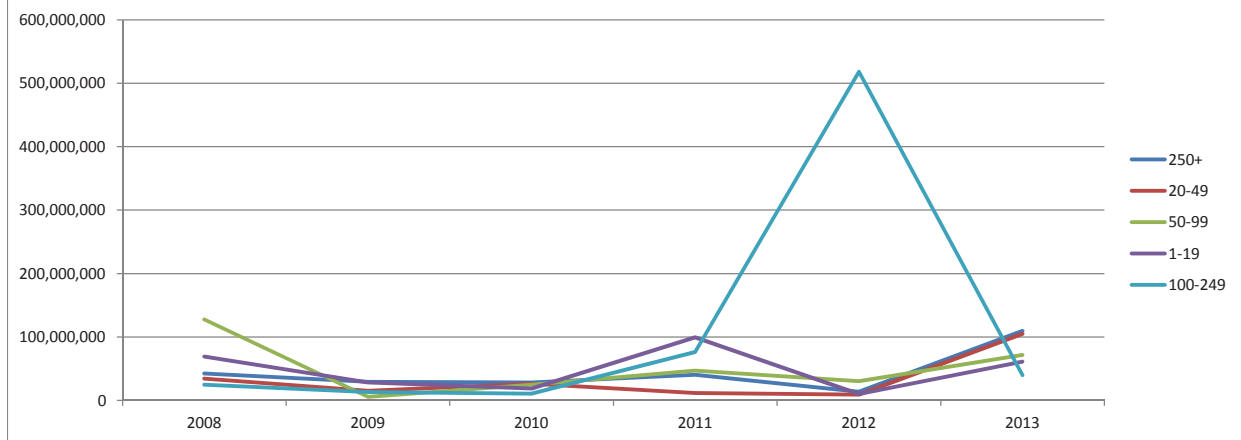
Milling, vertical - Industry



Milling, vertical

Plant Size	2008	2009	2010	2011	2012	2013
250+	42,486,286	29,491,571	28,304,879	40,539,220	13,590,757	109,354,527
20-49	34,466,540	15,236,747	26,609,210	11,576,632	9,060,121	105,245,358
50-99	127,893,429	5,546,562	24,958,198	47,151,285	30,585,172	71,845,512
1-19	69,454,395	28,306,049	18,652,436	99,596,800	10,461,100	61,371,176
100-249	24,954,588	13,509,262	10,815,571	76,274,402	518,306,193	40,197,442
All	299,255,238	92,090,192	109,340,295	275,138,340	582,003,344	388,014,014

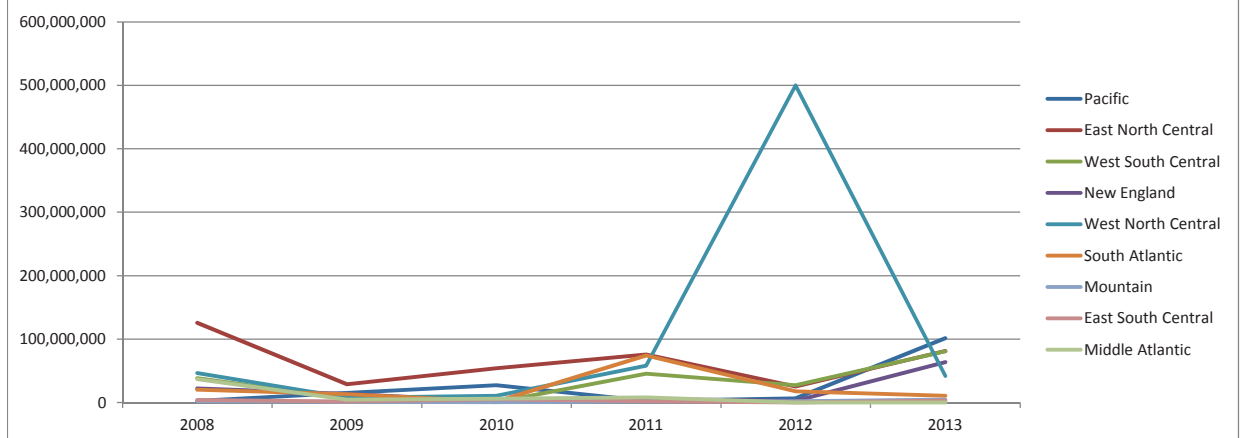
Milling, vertical - Plant Size



Milling, vertical

Region	2008	2009	2010	2011	2012	2013
Pacific	2,592,587	15,122,100	27,351,235	2,818,596	6,470,840	101,288,205
East North Central	125,521,318	29,105,384	54,357,390	76,004,582	25,181,525	81,552,226
West South Central	38,678,932	6,218,708	624,459	45,751,724	27,205,593	81,046,933
New England	22,483,122	13,757,912	1,927,248	5,659,022	2,625,136	63,700,287
West North Central	46,549,330	7,533,925	10,919,695	58,360,017	500,074,475	42,171,756
South Atlantic	20,152,664	13,036,767	1,851,070	74,438,524	17,831,725	10,521,025
Mountain	2,079,538	917,201	830,815	1,767,880	2,319,223	4,515,663
East South Central	4,075,640	1,474,821	5,252,800	2,202,710	0	3,217,919
Middle Atlantic	37,122,106	4,923,374	6,225,583	8,135,284	294,827	0
All	299,255,238	92,090,192	109,340,295	275,138,340	582,003,344	388,014,014

Milling, vertical - Region



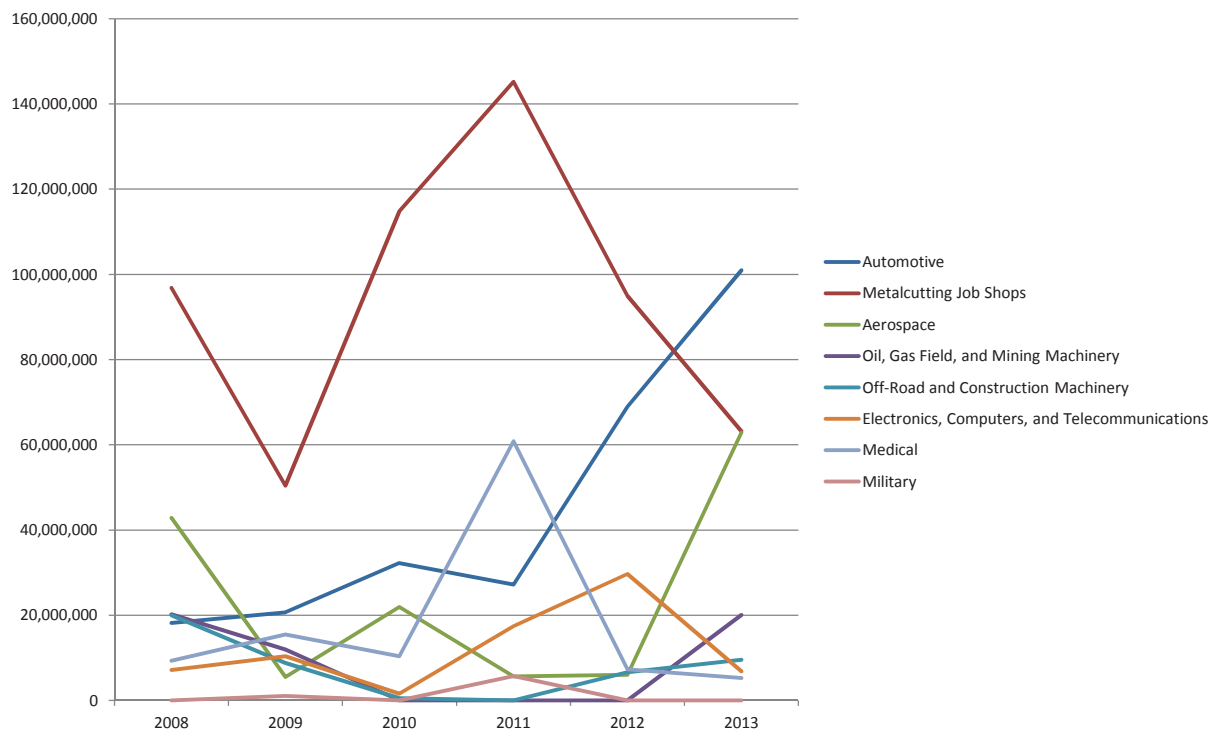
2013

CAPITAL SPENDING Equipment Type Trend Report

TCs, horizontal, CNC, <10 in chuck

Industry	2008	2009	2010	2011	2012	2013
Automotive	18,167,891	20,647,291	32,215,316	27,189,454	68,946,950	100,932,646
Metalcutting Job Shops	96,806,214	50,414,727	114,805,290	145,196,709	94,976,745	63,187,734
Aerospace	42,830,833	5,526,166	21,940,484	5,637,150	6,050,974	62,842,303
Machinery and Equipment Manufacturing	53,223,405	30,389,734	8,303,718	94,101,410	147,340,470	48,383,024
Forming and Fabricating (non-auto)	1,636,078	4,239,322	11,747,679	62,083,744	29,302,324	24,761,199
Pumps, Valves and Plumbing Products	17,553,952	11,417,599	20,461,040	24,159	10,953,057	22,194,634
Oil, Gas Field, and Mining Machinery	20,187,166	11,970,595	0	0	0	20,071,227
Primary Metals	0	0	0	0	0	14,126,809
Non-Manufacturing	0	0	0	0	0	13,100,333
Off-Road and Construction Machinery	20,002,480	8,797,175	568,487	30,199	6,656,426	9,595,998
Electronics, Computers, and Telecommunications	7,168,603	10,419,282	1,635,379	17,425,365	29,669,194	6,824,547
Industrial Motors, Hydraulic and Mechanical Components	18,719,693	4,488,750	3,250,069	131,876,188	40,852,094	5,757,599
Medical	9,325,057	15,457,488	10,359,078	60,871,220	7,312,238	5,277,799
Wood and Paper Products	0	0	0	0	0	1,791,253
Other Manufacturing	23,117,712	2,112,285	24,641,226	0	0	1,759,266
Hardware	589,009	2,577,937	3,312,931	0	0	850,845
Power Generation	2,748,707	3,406,001	2,394,171	1,973,017	20,792	0
Military	0	1,067,107	0	5,737,856	0	0
HVAC	0	59,284	1,025,929	652,304	0	0
Ship Building	33,624	7,114	0	136,484	0	0
Furniture Manufacturing	139,263	2,152,233	0	0	0	0
Custom Processors	294,504	0	0	0	0	0
Appliances	0	0	0	0	0	0
Construction Materials	0	0	0	0	0	0
Food and Beverage Processing	0	0	0	0	0	0
Petrochemical Processors	0	0	0	0	0	0
Plastics and Rubber	0	0	0	0	0	0
Printing	0	0	0	0	0	0
Textiles, Clothing, and Leather Goods	0	0	0	0	0	0
All	332,544,190	185,150,090	256,660,796	552,935,261	442,081,264	401,457,218

TCs, horizontal, CNC, <10 in chuck - Industry

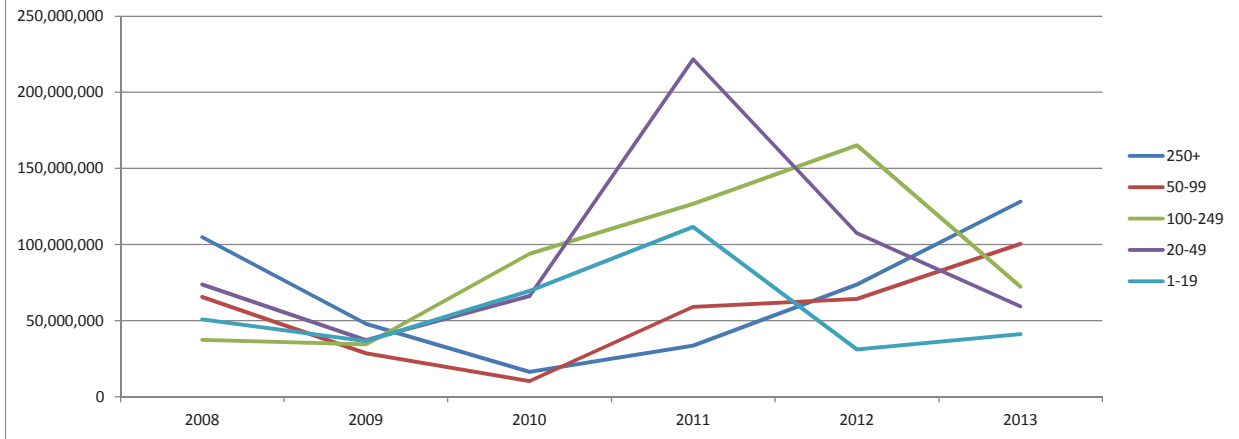


TCs, HORIZONTAL, CNC, <10 IN CHUCK

TCs, horizontal, CNC, <10 in chuck

Plant Size	2008	2009	2010	2011	2012	2013
250+	104,856,017	48,017,199	16,462,655	33,674,892	73,916,339	128,281,227
50-99	65,550,782	28,742,128	10,338,340	59,098,072	64,393,119	100,402,890
100-249	37,366,398	34,606,892	93,938,222	126,745,663	165,166,048	72,327,965
20-49	73,771,774	37,264,109	66,305,223	221,734,705	107,508,234	59,295,821
1-19	50,999,219	36,519,762	69,616,356	111,681,929	31,097,525	41,149,316
All	332,544,190	185,150,090	256,660,796	552,935,261	442,081,264	401,457,218

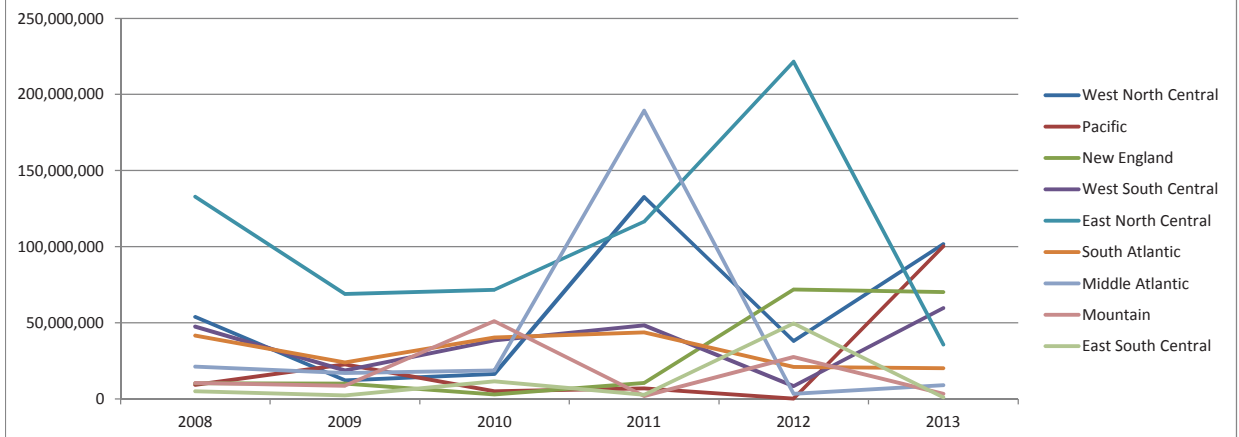
TCs, horizontal, CNC, <10 in chuck - Plant Size



TCs, horizontal, CNC, <10 in chuck

Region	2008	2009	2010	2011	2012	2013
West North Central	53,894,434	12,338,262	16,554,162	132,563,008	37,997,811	101,662,334
Pacific	9,274,396	22,818,593	5,141,431	6,949,852	269,398	100,274,679
New England	10,288,218	10,160,613	2,921,351	10,656,952	71,949,173	70,196,536
West South Central	47,507,881	18,787,932	38,598,676	48,388,525	8,550,906	59,813,248
East North Central	132,935,915	69,011,118	71,759,765	116,456,865	221,525,398	35,715,373
South Atlantic	41,627,398	23,997,433	40,352,239	43,757,361	21,152,452	20,168,084
Middle Atlantic	21,313,076	17,111,832	18,660,867	189,415,489	3,422,109	9,137,001
Mountain	10,644,711	8,582,481	51,130,257	1,935,943	27,528,616	3,370,430
East South Central	5,058,160	2,341,826	11,542,049	2,811,267	49,685,400	1,119,533
All	332,544,190	185,150,090	256,660,796	552,935,261	442,081,264	401,457,218

TCs, horizontal, CNC, <10 in chuck - Region



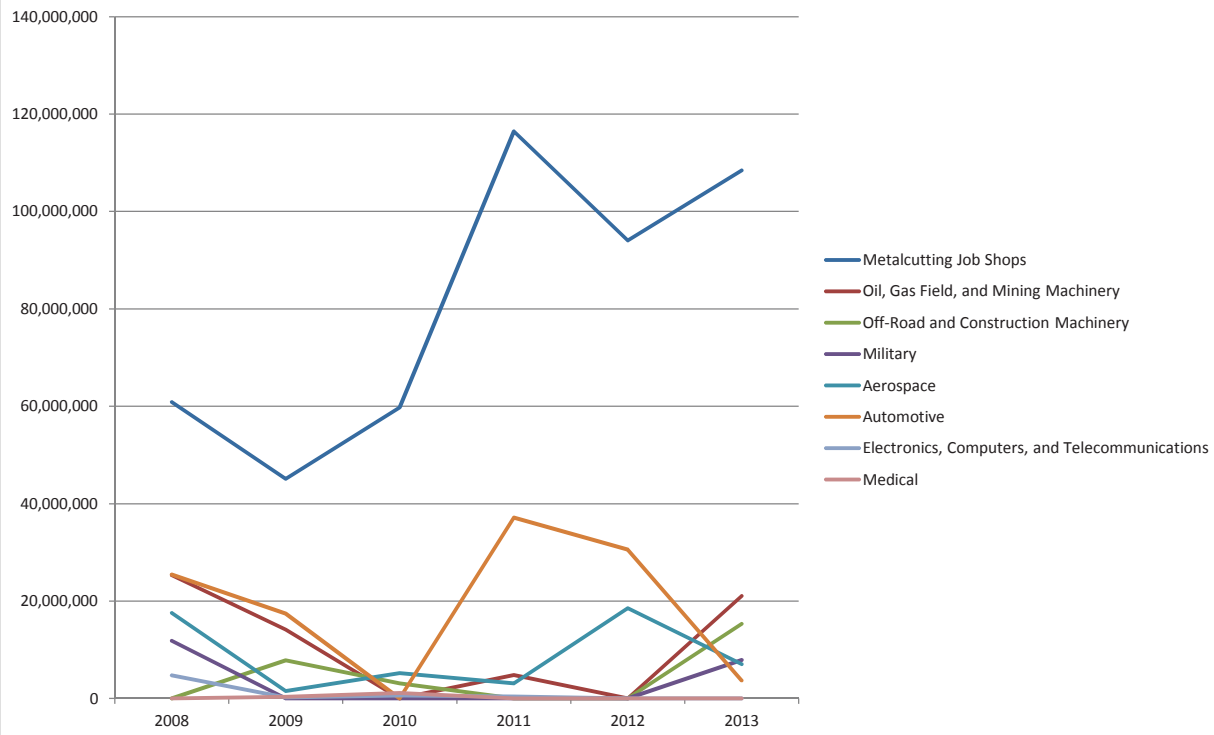
2013

CAPITAL SPENDING Equipment Type Trend Report

TCs, horizontal, CNC, >10 in chuck

Industry	2008	2009	2010	2011	2012	2013
Metalcutting Job Shops	60,859,089	45,103,908	59,726,497	116,453,530	94,017,929	108,417,520
Forming and Fabricating (non-auto)	2,222,676	10,127,113	6,191,214	14,412,500	5,059,008	31,756,926
Oil, Gas Field, and Mining Machinery	25,309,861	14,138,240	0	4,831,879	0	21,023,728
Off-Road and Construction Machinery	0	7,870,539	3,104,510	16,106	0	15,302,399
Military	11,863,022	0	0	0	0	7,888,648
Aerospace	17,551,690	1,540,549	5,178,531	3,084,993	18,549,994	7,025,325
Machinery and Equipment Manufacturing	50,606,097	9,615,943	1,932,401	11,841,893	34,573,343	6,192,618
Other Manufacturing	1,310,027	4,881,694	4,061,243	144,956	4,878,033	5,317,782
Primary Metals	0	0	0	0	0	5,244,432
Automotive	25,425,754	17,421,868	0	37,136,792	30,561,308	3,672,069
Pumps, Valves and Plumbing Products	41,716,170	2,315,788	17,148,642	9,991,706	54,060,902	2,363,814
Industrial Motors, Hydraulic and Mechanical Components	51,369,111	3,626,810	0	76,690,724	96,879,383	2,013,880
Printing	0	0	0	0	0	12,734
Power Generation	0	4,606,481	1,639,613	0	61,933,172	0
Ship Building	33,624	4,460,696	0	0	269,398	0
Electronics, Computers, and Telecommunications	4,778,903	245,151	614,855	404,554	1,155	0
Medical	7,853	373,488	1,161,018	0	0	0
Hardware	22,282,132	0	3,513	0	0	0
HVAC	413,386	4,869,035	0	0	0	0
Construction Materials	43,734,659	0	0	0	0	0
Custom Processors	1,403,204	0	0	0	0	0
Appliances	0	0	0	0	0	0
Food and Beverage Processing	0	0	0	0	0	0
Furniture Manufacturing	0	0	0	0	0	0
Non-Manufacturing	0	0	0	0	0	0
Petrochemical Processors	0	0	0	0	0	0
Plastics and Rubber	0	0	0	0	0	0
Textiles, Clothing, and Leather Goods	0	0	0	0	0	0
Wood and Paper Products	0	0	0	0	0	0
All	360,887,259	131,197,303	100,762,039	275,009,633	400,783,624	216,231,876

TCs, horizontal, CNC, >10 in chuck - Industry

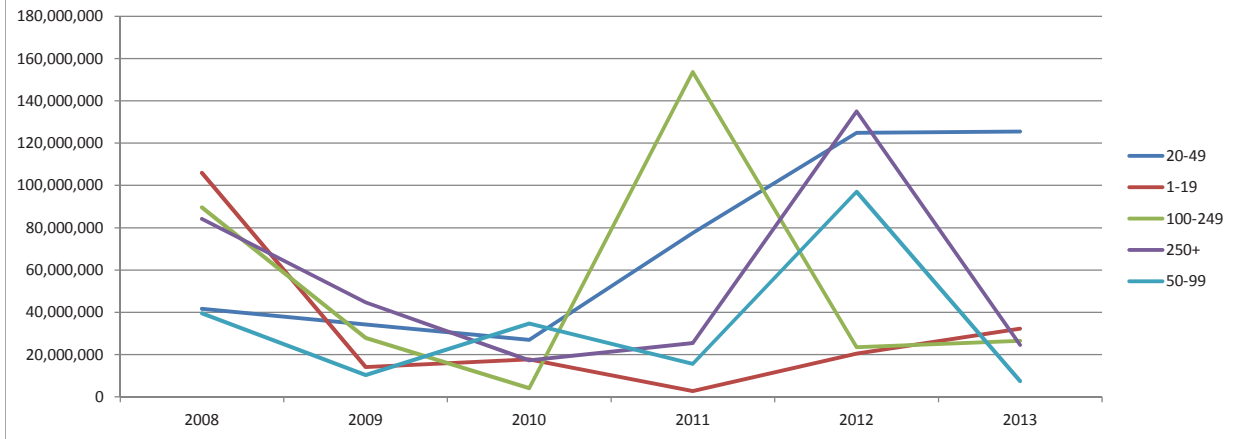


TCs, HORIZONTAL, CNC, >10 IN CHUCK

TCs, horizontal, CNC, >10 in chuck

Plant Size	2008	2009	2010	2011	2012	2013
20-49	41,671,838	34,285,945	26,951,045	77,507,220	124,818,901	125,447,253
1-19	105,962,429	14,067,025	17,719,426	2,839,916	20,506,926	32,305,891
100-249	89,632,957	27,818,267	4,113,145	153,644,387	23,431,789	26,448,813
250+	84,099,512	44,743,896	17,349,451	25,431,949	135,010,090	24,518,096
50-99	39,520,522	10,282,170	34,628,972	15,586,162	97,015,917	7,511,823
All	360,887,259	131,197,303	100,762,039	275,009,633	400,783,624	216,231,876

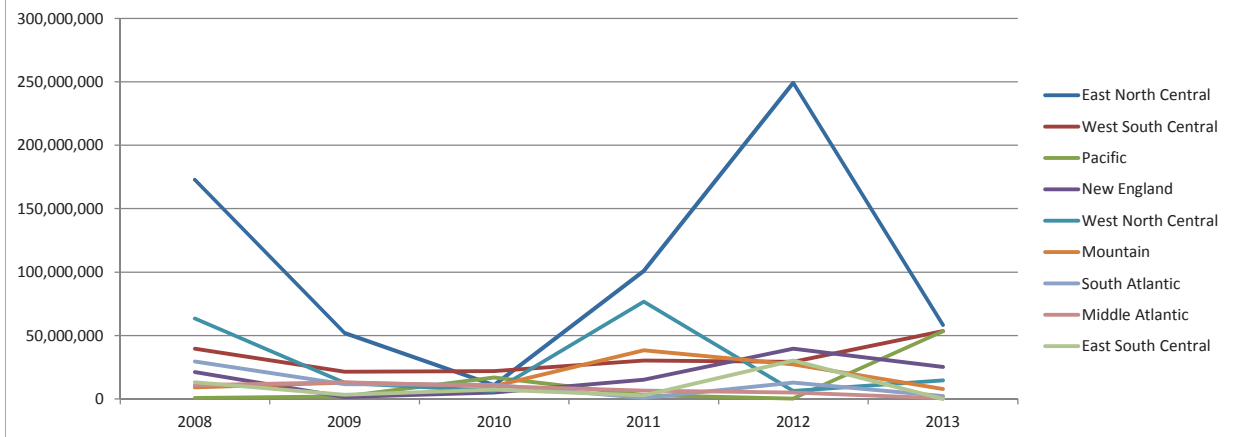
TCs, horizontal, CNC, >10 in chuck - Plant Size



TCs, horizontal, CNC, >10 in chuck

Region	2008	2009	2010	2011	2012	2013
East North Central	172,869,444	51,901,804	10,859,323	100,830,131	249,247,837	58,217,708
West South Central	39,663,830	21,457,697	22,071,888	30,456,500	29,332,452	53,656,481
Pacific	841,328	2,081,651	17,086,413	3,060,190	254,004	53,402,636
New England	21,373,832	1,707,371	5,227,650	15,191,191	39,783,775	25,394,754
West North Central	63,331,434	12,804,681	6,277,377	76,706,830	6,505,445	14,662,666
Mountain	9,042,914	13,008,918	10,278,726	38,448,906	27,202,536	8,018,831
South Atlantic	29,648,545	11,793,477	11,273,282	905,977	12,927,347	2,239,066
Middle Atlantic	10,816,430	13,148,647	10,264,898	6,661,778	5,222,925	639,733
East South Central	13,299,501	3,293,055	7,422,482	2,748,131	30,307,304	0
All	360,887,259	131,197,303	100,762,039	275,009,633	400,783,624	216,231,876

TCs, horizontal, CNC, >10 in chuck - Region



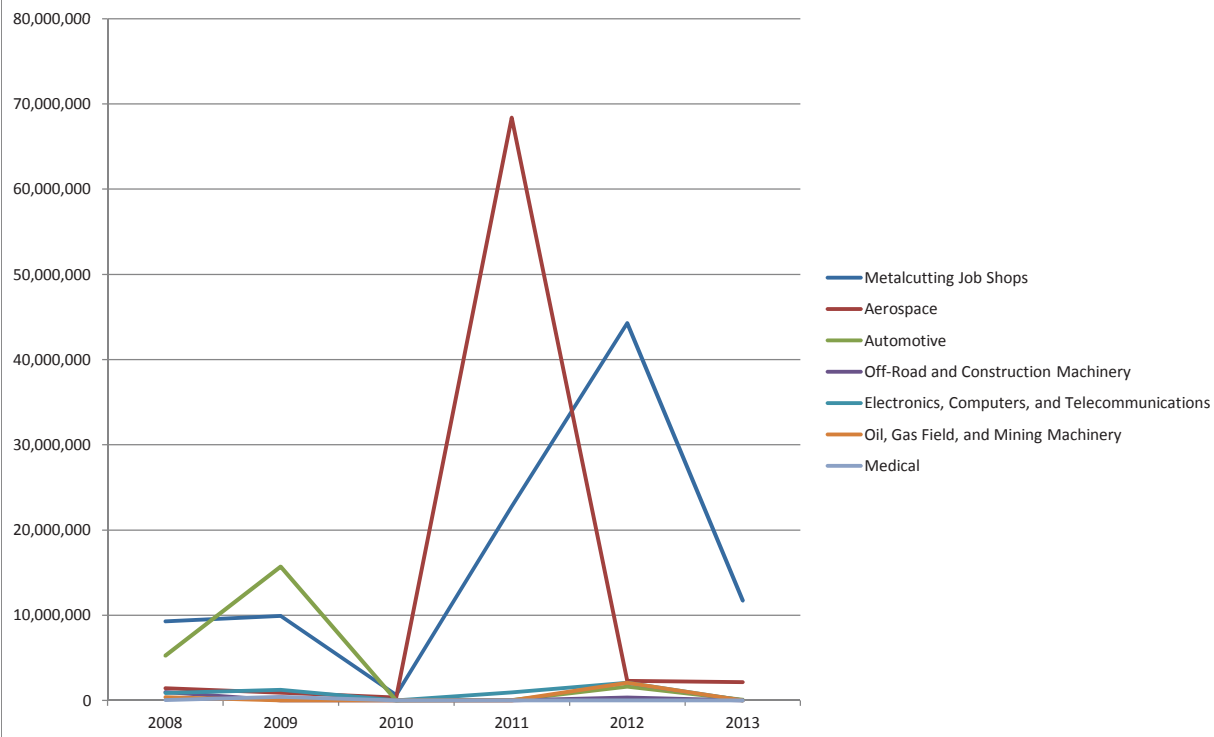
2013

CAPITAL SPENDING Equipment Type Trend Report

TCs, vertical, CNC

Industry	2008	2009	2010	2011	2012	2013
Primary Metals	0	0	0	0	0	18,591,583
Other Manufacturing	0	802,312	658,397	0	0	12,800,762
Metalcutting Job Shops	9,288,977	9,936,873	656,327	22,767,058	44,292,668	11,734,032
Custom Processors	0	0	0	0	0	6,516,740
Machinery and Equipment Manufacturing	3,368,060	10,820,203	124,194	19,297,933	13,469,913	2,279,050
Aerospace	1,426,474	908,233	355,328	68,385,161	2,309,128	2,164,831
Automotive	5,283,776	15,706,013	0	44,095	1,616,390	89,563
Industrial Motors, Hydraulic and Mechanical Components	19,987,898	652,693	15,339,186	7,288,084	0	34,546
Off-Road and Construction Machinery	982,520	0	0	0	338,672	512
Pumps, Valves and Plumbing Products	9,068,298	18,507,885	330,265	1,811,954	7,281,913	0
Power Generation	91,702	39,792	0	0	6,861,127	0
Electronics, Computers, and Telecommunications	863,602	1,233,823	0	936,579	2,079,370	0
Oil, Gas Field, and Mining Machinery	384,275	0	0	0	2,064,070	0
Forming and Fabricating (non-auto)	570,590	3,529,970	97,454,894	27,612,687	0	0
HVAC	0	5,131,345	3,552,105	2,415,939	0	0
Ship Building	0	0	0	136,484	0	0
Hardware	0	0	46,846	0	0	0
Medical	44,534	432,994	0	0	0	0
Appliances	0	0	0	0	0	0
Construction Materials	0	0	0	0	0	0
Food and Beverage Processing	0	0	0	0	0	0
Furniture Manufacturing	0	0	0	0	0	0
Military	0	0	0	0	0	0
Non-Manufacturing	0	0	0	0	0	0
Petrochemical Processors	0	0	0	0	0	0
Plastics and Rubber	0	0	0	0	0	0
Printing	0	0	0	0	0	0
Textiles, Clothing, and Leather Goods	0	0	0	0	0	0
Wood and Paper Products	0	0	0	0	0	0
All	51,360,706	67,702,134	118,517,542	150,695,975	80,313,250	54,211,619

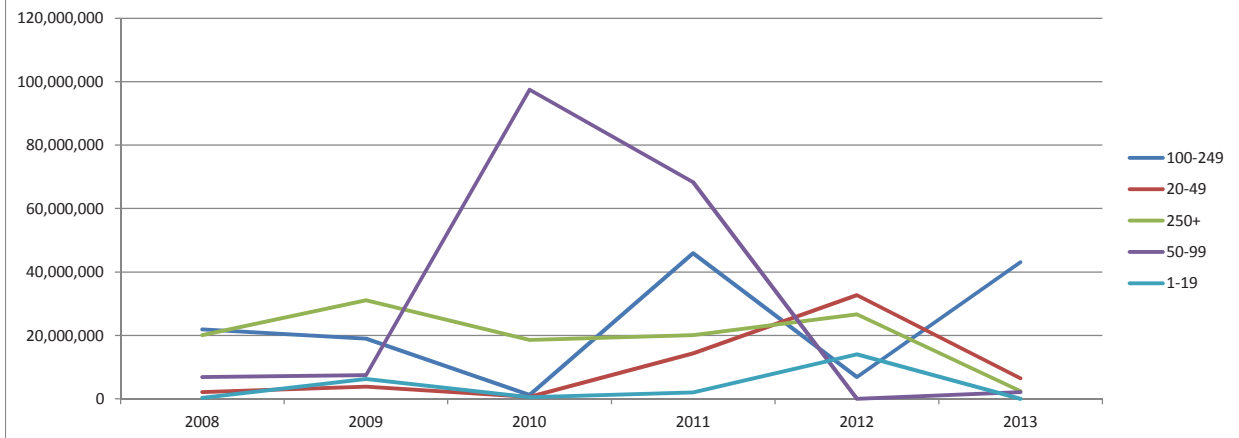
TCs, vertical, CNC - Industry



TCs, vertical, CNC

Plant Size	2008	2009	2010	2011	2012	2013
100-249	21,936,763	19,016,419	1,285,358	45,882,964	6,861,127	43,126,378
20-49	2,109,715	3,898,751	658,397	14,348,444	32,704,043	6,516,740
250+	20,109,933	31,064,866	18,544,495	20,091,596	26,683,128	2,403,670
50-99	6,896,801	7,481,607	97,454,894	68,360,358	0	2,164,831
1-19	307,493	6,240,492	574,399	2,012,613	14,064,952	0
All	51,360,706	67,702,134	118,517,542	150,695,975	80,313,250	54,211,619

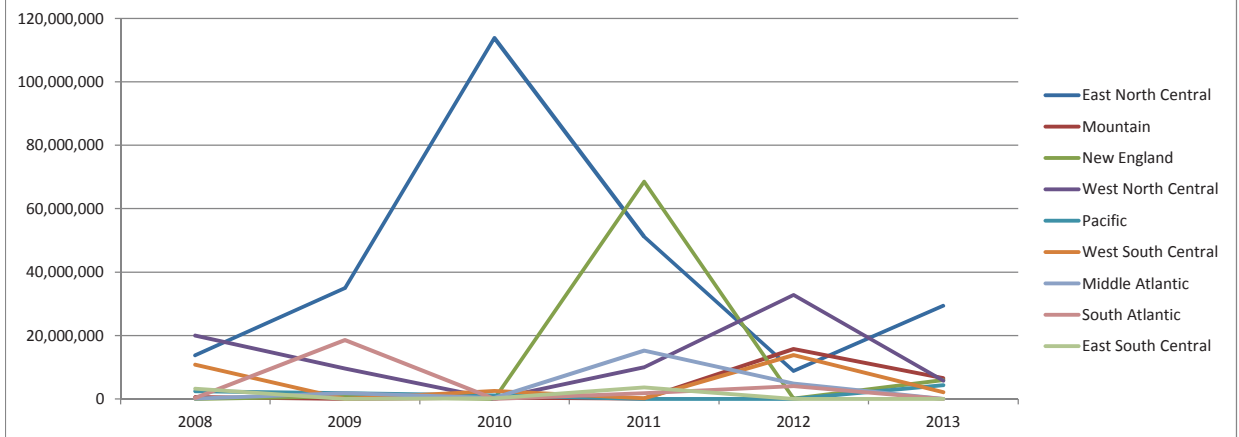
TCs, vertical, CNC - Plant Size



TCs, vertical, CNC

Region	2008	2009	2010	2011	2012	2013
East North Central	13,702,751	34,910,698	113,756,977	51,148,472	8,816,189	29,348,448
Mountain	600,429	0	398,192	103,544	15,810,838	6,551,286
New England	0	873,639	0	68,465,345	137,605	5,973,689
West North Central	20,022,832	9,572,271	0	10,026,148	32,811,496	5,760,855
Pacific	2,445,384	1,834,596	1,184,504	4,027	0	4,412,510
West South Central	10,828,101	0	2,588,924	183,728	13,802,242	2,164,831
Middle Atlantic	136,800	1,881,739	356,083	15,298,245	4,850,323	0
South Atlantic	349,341	18,629,192	0	1,842,556	4,084,557	0
East South Central	3,275,067	0	232,864	3,623,909	0	0
All	51,360,706	67,702,134	118,517,542	150,695,975	80,313,250	54,211,619

TCs, vertical, CNC - Region



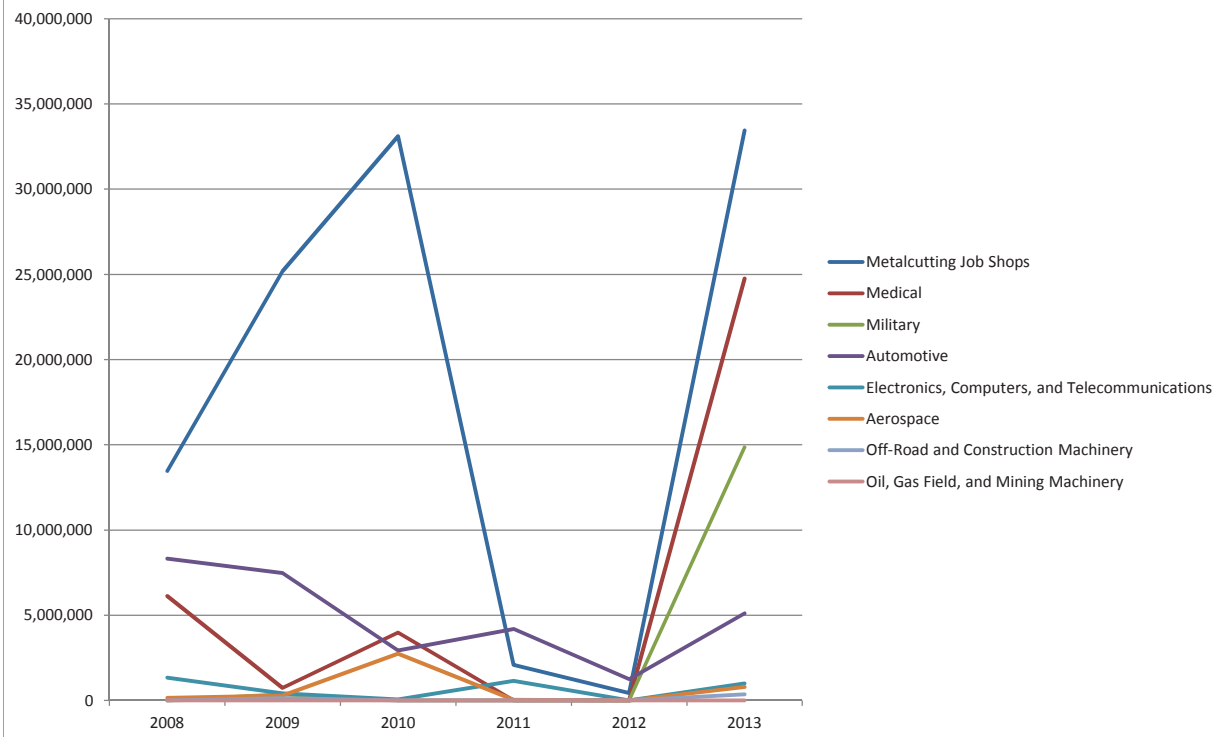
2013

CAPITAL SPENDING Equipment Type Trend Report

Screw Machines, automatic

Industry	2008	2009	2010	2011	2012	2013
Metalcutting Job Shops	13,460,862	25,180,985	33,103,447	2,082,020	429,556	33,435,644
Medical	6,125,686	745,865	3,990,284	0	0	24,757,676
Machinery and Equipment Manufacturing	655,013	3,894,589	68,307	877,426	806,792	15,281,161
Military	0	366,771	0	0	0	14,848,884
Other Manufacturing	72,779	121,162	0	0	0	7,512,998
Automotive	8,314,833	7,479,822	2,934,314	4,199,867	1,252,702	5,111,030
Electronics, Computers, and Telecommunications	1,339,139	412,304	70,269	1,141,585	0	1,006,438
Hardware	1,130,321	1,372,205	194,054	0	0	850,845
Aerospace	152,836	290,360	2,740,497	49,607	11,810	799,667
Non-Manufacturing	0	0	0	0	0	479,800
Off-Road and Construction Machinery	0	144,895	0	0	0	358,251
Pumps, Valves and Plumbing Products	8,260,448	1,193,132	1,277,182	24,159	103,388,316	0
Forming and Fabricating (non-auto)	0	0	14,282	189,249	21,831,700	0
Industrial Motors, Hydraulic and Mechanical Components	0	1,616,324	578,549	19,282,239	68,663	0
Power Generation	0	213,421	0	2,254,877	0	0
Ship Building	0	106,636	0	136,484	0	0
Oil, Gas Field, and Mining Machinery	0	0	7,981	0	0	0
HVAC	0	64,949	0	0	0	0
Custom Processors	294,504	0	0	0	0	0
Appliances	0	0	0	0	0	0
Construction Materials	0	0	0	0	0	0
Food and Beverage Processing	0	0	0	0	0	0
Furniture Manufacturing	0	0	0	0	0	0
Petrochemical Processors	0	0	0	0	0	0
Plastics and Rubber	0	0	0	0	0	0
Primary Metals	0	0	0	0	0	0
Printing	0	0	0	0	0	0
Textiles, Clothing, and Leather Goods	0	0	0	0	0	0
Wood and Paper Products	0	0	0	0	0	0
All	39,806,423	43,203,420	44,979,165	30,237,513	127,789,539	104,442,394

Screw Machines, automatic- Industry

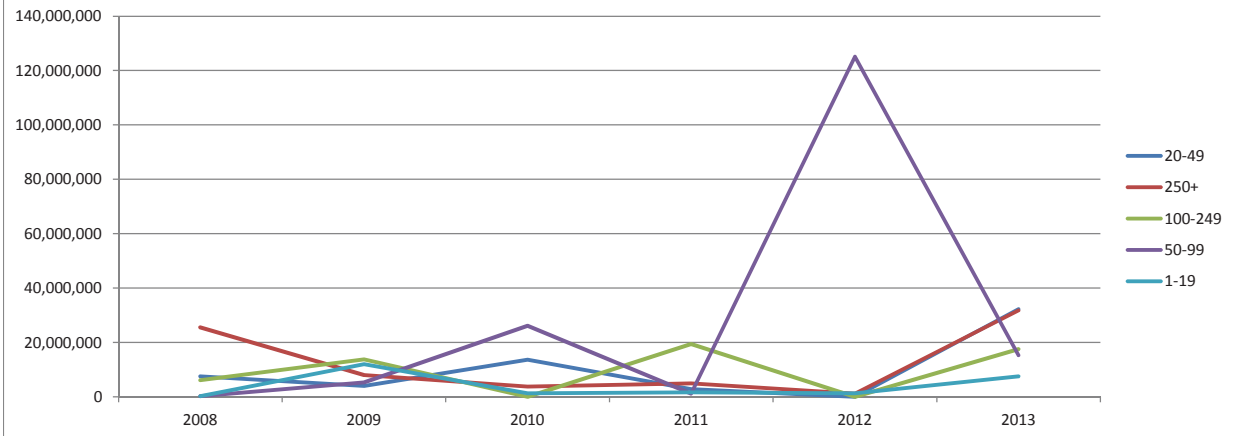


SCREW MACHINES, AUTOMATIC

Screw Machines, automatic

Plant Size	2008	2009	2010	2011	2012	2013
20-49	7,557,744	3,992,884	13,660,073	2,818,444	51,602	32,254,607
250+	25,602,877	8,068,962	3,800,624	5,020,805	1,252,702	31,813,934
100-249	6,099,262	13,769,110	14,282	19,413,709	0	17,548,017
50-99	294,504	5,333,295	26,152,021	1,254,358	125,168,414	15,281,535
1-19	252,036	12,039,169	1,352,166	1,730,197	1,316,821	7,544,302
All	39,806,423	43,203,420	44,979,165	30,237,513	127,789,539	104,442,394

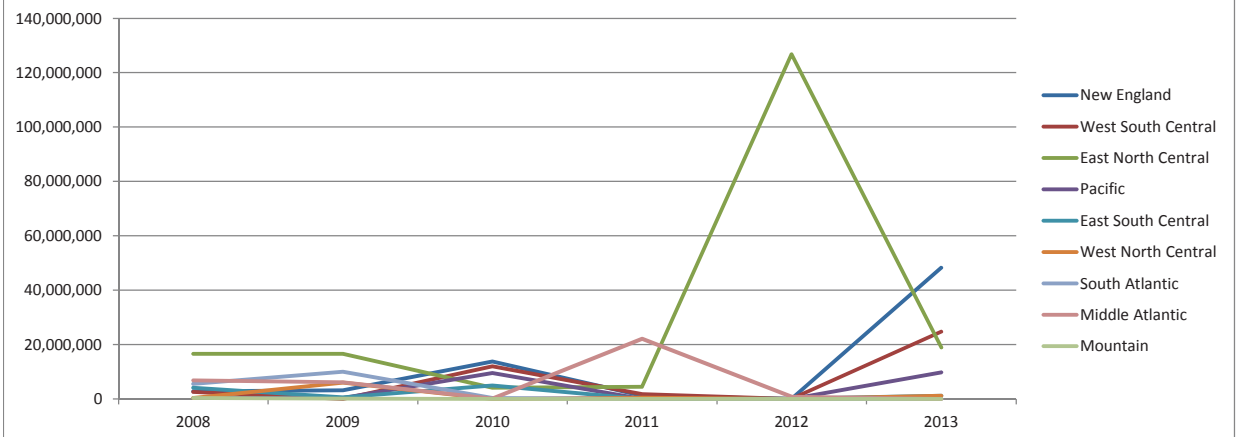
Screw Machines, automatic - Plant Size



Screw Machines, automatic

Region	2008	2009	2010	2011	2012	2013
New England	2,853,811	3,173,341	13,791,882	1,183,810	0	48,334,003
West South Central	2,674,638	0	11,992,387	1,791,307	28,839	24,789,663
East North Central	16,611,133	16,632,433	4,105,411	4,468,907	126,708,239	19,033,357
Pacific	409,020	413,415	9,574,986	32,213	0	9,799,512
East South Central	4,116,066	566,130	4,921,742	0	184,730	1,253,877
West North Central	434,065	6,039,575	0	548,887	0	1,200,677
South Atlantic	5,551,662	10,019,170	337,292	30,602	60,940	31,304
Middle Atlantic	6,819,258	6,175,046	172,630	22,132,180	806,792	0
Mountain	336,769	184,309	82,837	49,607	0	0
All	39,806,423	43,203,420	44,979,165	30,237,513	127,789,539	104,442,394

Screw Machines, automatic - Region



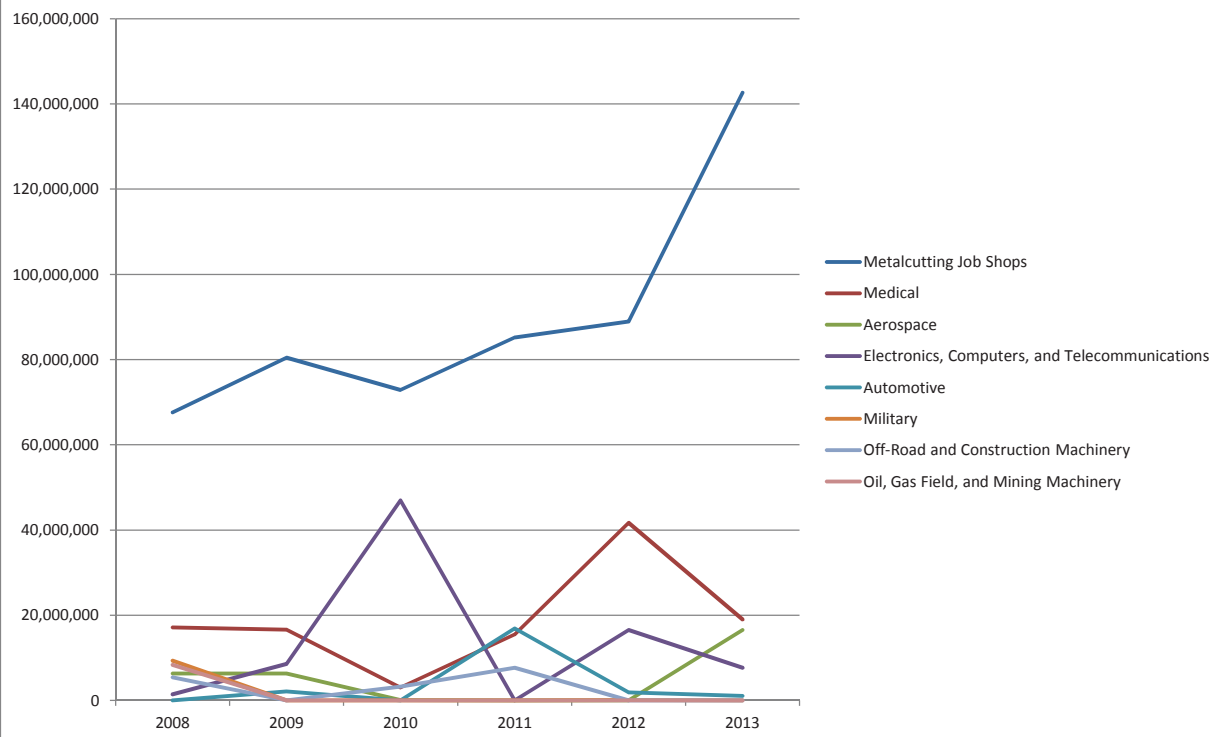
2013

CAPITAL SPENDING Equipment Type Trend Report

Screw Machines, CNC

Industry	2008	2009	2010	2011	2012	2013
Metalcutting Job Shops	67,597,811	80,447,784	72,881,848	85,204,387	88,958,444	142,648,793
Machinery and Equipment Manufacturing	18,442,888	2,558,403	20,548,510	1,206,179	192,427	96,496,233
Medical	17,123,202	16,587,707	3,002,021	15,494,130	41,720,899	19,032,064
Aerospace	6,353,966	6,367,494	97,455	24,804	53,145	16,576,962
Plastics and Rubber	0	0	0	402,657	0	8,777,666
Electronics, Computers, and Telecommunications	1,456,604	8,568,423	46,942,978	30,602	16,545,427	7,676,799
Pumps, Valves and Plumbing Products	4,155,697	1,693,268	0	15,460,003	0	5,305,959
Automotive	0	2,136,905	0	16,911,424	1,885,788	1,106,056
Ship Building	0	0	0	0	62,346	457,170
Forming and Fabricating (non-auto)	3,412,958	2,095,135	4,522,322	0	227,956	115,152
Non-Manufacturing	0	0	0	0	0	2,879
Hardware	2,656,444	1,220,620	1,708,974	202,939	684,272	0
Military	9,315,748	0	0	0	103,956	0
Off-Road and Construction Machinery	5,458,446	0	3,252,961	7,669,072	0	0
Industrial Motors, Hydraulic and Mechanical Components	1,860,833	362,816	0	3,280,864	0	0
Power Generation	0	1,403,194	0	0	0	0
Oil, Gas Field, and Mining Machinery	8,384,173	0	0	0	0	0
Appliances	0	0	0	0	0	0
Construction Materials	0	0	0	0	0	0
Custom Processors	0	0	0	0	0	0
Food and Beverage Processing	0	0	0	0	0	0
Furniture Manufacturing	0	0	0	0	0	0
HVAC	0	0	0	0	0	0
Other Manufacturing	0	0	0	0	0	0
Petrochemical Processors	0	0	0	0	0	0
Primary Metals	0	0	0	0	0	0
Printing	0	0	0	0	0	0
Textiles, Clothing, and Leather Goods	0	0	0	0	0	0
Wood and Paper Products	0	0	0	0	0	0
All	146,218,768	123,441,750	152,957,069	145,887,060	150,434,660	298,195,732

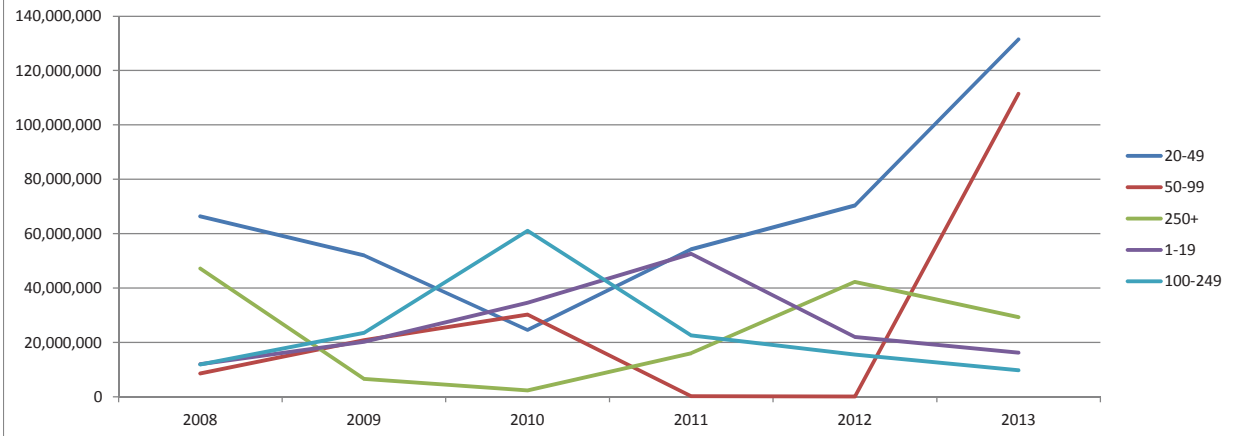
Screw Machines, CNC - Industry



Screw Machines, CNC

Plant Size	2008	2009	2010	2011	2012	2013
20-49	66,381,566	52,100,829	24,644,661	54,319,110	70,373,321	131,488,271
50-99	8,658,428	20,857,558	30,220,763	260,420	124,753	111,425,135
250+	47,276,109	6,650,526	2,369,241	16,002,216	42,312,075	29,277,071
1-19	12,022,200	20,315,942	34,675,057	52,648,684	22,083,019	16,221,815
100-249	11,880,464	23,516,896	61,047,348	22,656,631	15,541,493	9,783,440
All	146,218,768	123,441,750	152,957,069	145,887,060	150,434,660	298,195,732

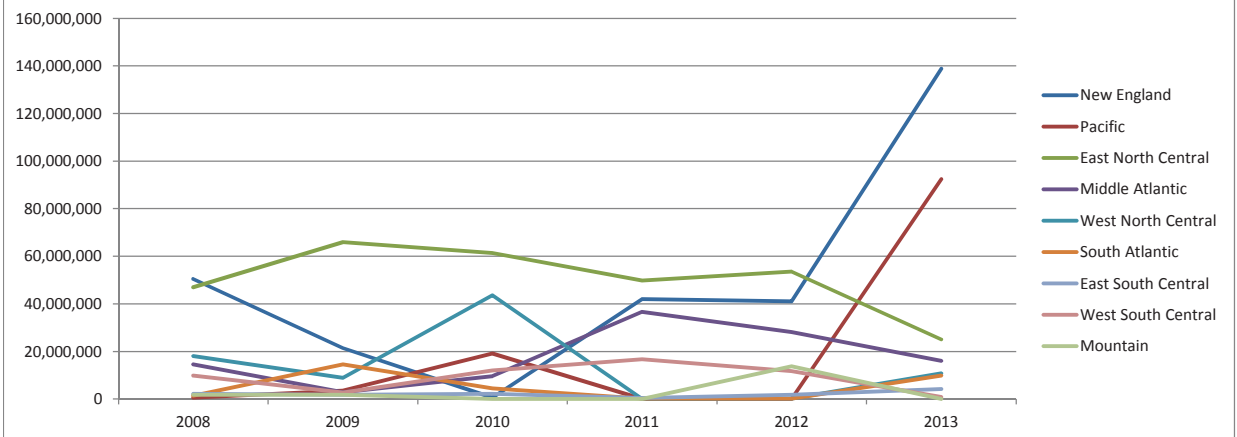
Screw Machines, CNC - Plant Size



Screw Machines, CNC

Region	2008	2009	2010	2011	2012	2013
New England	50,536,264	21,381,230	527,826	42,047,912	40,993,885	138,843,582
Pacific	630,754	3,594,781	19,107,700	0	0	92,431,352
East North Central	47,028,703	65,936,449	61,429,157	49,805,835	53,569,156	25,035,305
Middle Atlantic	14,611,638	2,806,037	9,577,516	36,600,534	28,196,591	16,086,679
West North Central	18,092,866	8,851,778	43,578,665	0	124,753	10,787,870
South Atlantic	1,419,196	14,542,433	4,525,836	233,541	230,143	9,841,900
East South Central	2,245,127	1,790,016	2,244,535	402,657	1,834,729	4,254,226
West South Central	9,908,622	2,751,920	11,965,836	16,693,037	11,752,780	914,819
Mountain	1,745,597	1,787,106	0	103,544	13,732,623	0
All	146,218,768	123,441,750	152,957,069	145,887,060	150,434,660	298,195,732

Screw Machines, CNC - Region



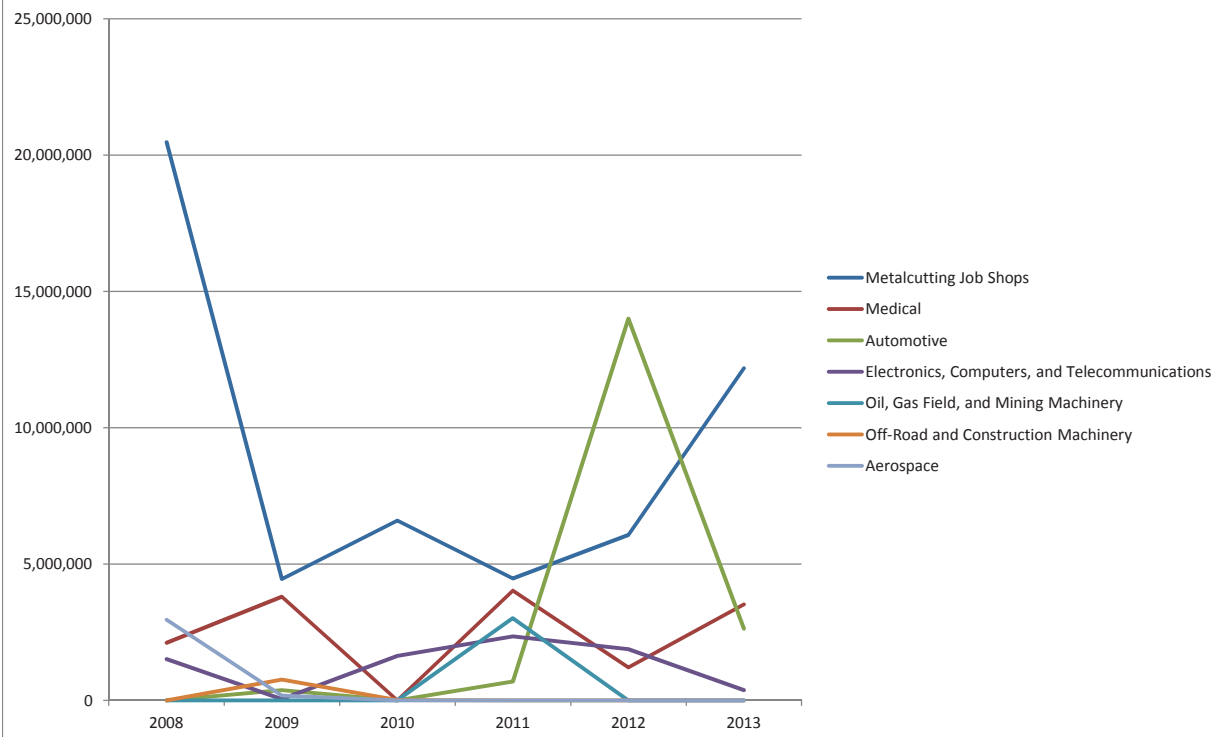
2013

CAPITAL SPENDING Equipment Type Trend Report

EDM, ram type

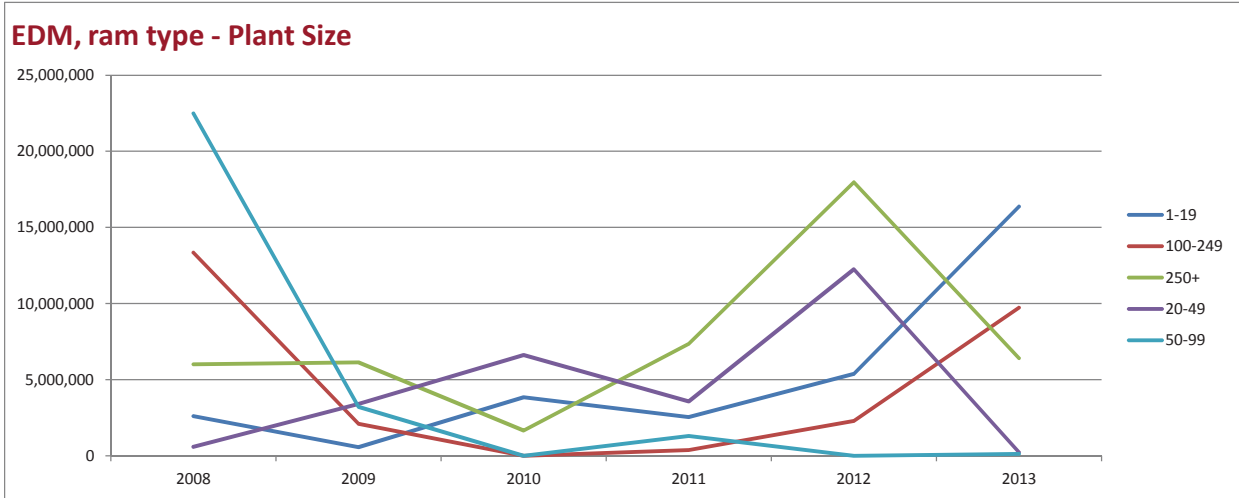
Industry	2008	2009	2010	2011	2012	2013
Other Manufacturing	0	89,935	0	0	750,467	13,147,746
Metalcutting Job Shops	20,470,834	4,445,229	6,593,313	4,470,195	6,071,212	12,188,862
Medical	2,114,675	3,807,796	0	4,026,566	1,212,292	3,518,533
Automotive	0	377,753	0	696,498	13,997,164	2,635,701
Machinery and Equipment Manufacturing	0	3,640,740	42,563	78,741	11,467,056	413,215
Electronics, Computers, and Telecommunications	1,521,229	49,368	1,639,613	2,351,668	1,885,788	378,380
Non-Manufacturing	0	0	0	0	0	286,294
Industrial Motors, Hydraulic and Mechanical Components	1,747	711,405	0	0	0	175,927
Custom Processors	0	0	0	0	0	135,833
Power Generation	17,179,421	489,141	0	0	2,287,042	0
Forming and Fabricating (non-auto)	748,413	204,841	116,432	394,409	103,204	0
Ship Building	33,624	0	0	136,484	62,346	0
Hardware	13,974	458,464	3,727,779	0	56,574	0
Oil, Gas Field, and Mining Machinery	0	0	0	3,019,924	0	0
Off-Road and Construction Machinery	0	766,869	16,626	0	0	0
HVAC	0	235,233	0	0	0	0
Aerospace	2,954,839	183,385	0	0	0	0
Pumps, Valves and Plumbing Products	26,201	0	0	0	0	0
Appliances	0	0	0	0	0	0
Construction Materials	0	0	0	0	0	0
Food and Beverage Processing	0	0	0	0	0	0
Furniture Manufacturing	0	0	0	0	0	0
Military	0	0	0	0	0	0
Petrochemical Processors	0	0	0	0	0	0
Plastics and Rubber	0	0	0	0	0	0
Primary Metals	0	0	0	0	0	0
Printing	0	0	0	0	0	0
Textiles, Clothing, and Leather Goods	0	0	0	0	0	0
Wood and Paper Products	0	0	0	0	0	0
All	45,064,955	15,460,159	12,136,327	15,174,484	37,893,143	32,880,490

EDM, ram type - Industry



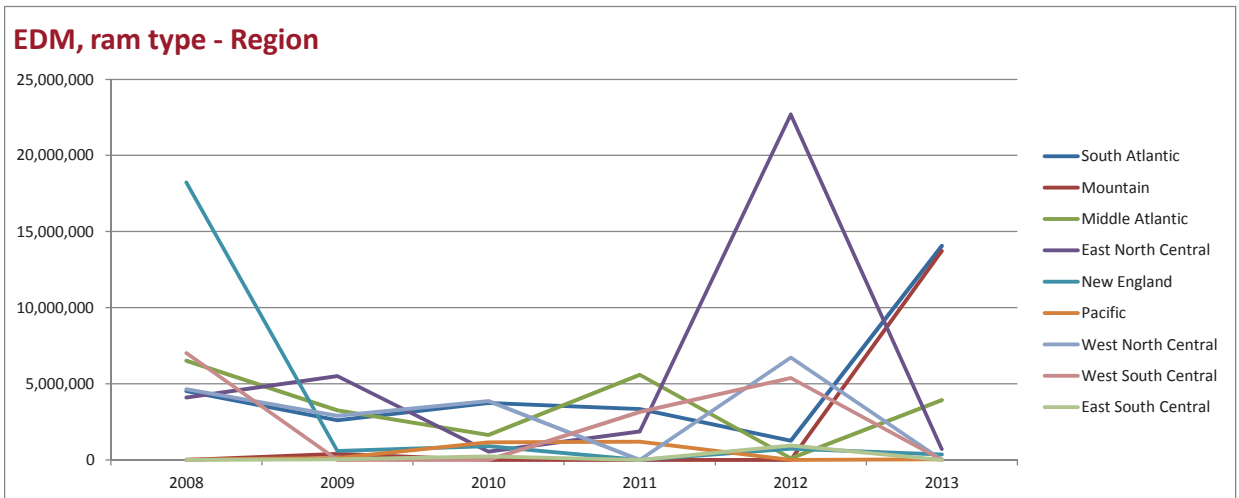
EDM, ram type

Plant Size	2008	2009	2010	2011	2012	2013
1-19	2,618,769	583,863	3,842,262	2,552,775	5,383,188	16,378,336
100-249	13,358,506	2,110,340	0	394,409	2,287,042	9,731,627
250+	6,011,496	6,137,556	1,664,208	7,350,898	17,964,630	6,406,608
20-49	595,684	3,401,254	6,629,857	3,574,300	12,258,283	228,086
50-99	22,480,500	3,227,145	0	1,302,102	0	135,833
All	45,064,955	15,460,159	12,136,327	15,174,484	37,893,143	32,880,490



EDM, ram type

Region	2008	2009	2010	2011	2012	2013
South Atlantic	4,526,431	2,605,827	3,744,405	3,346,882	1,268,866	14,065,498
Mountain	0	408,941	0	0	0	13,734,083
Middle Atlantic	6,520,104	3,266,234	1,649,317	5,587,025	103,204	3,931,748
East North Central	4,097,302	5,501,503	555,818	1,870,950	22,701,872	713,525
New England	18,227,443	591,842	914,489	0	750,467	368,753
Pacific	26,201	135,739	1,164,322	1,207,970	7,697	57,739
West North Central	4,641,549	2,904,020	3,875,111	5,249	6,734,956	9,143
West South Central	7,025,925	0	0	3,156,408	5,383,188	0
East South Central	0	46,052	232,864	0	942,894	0
All	45,064,955	15,460,159	12,136,327	15,174,484	37,893,143	32,880,490



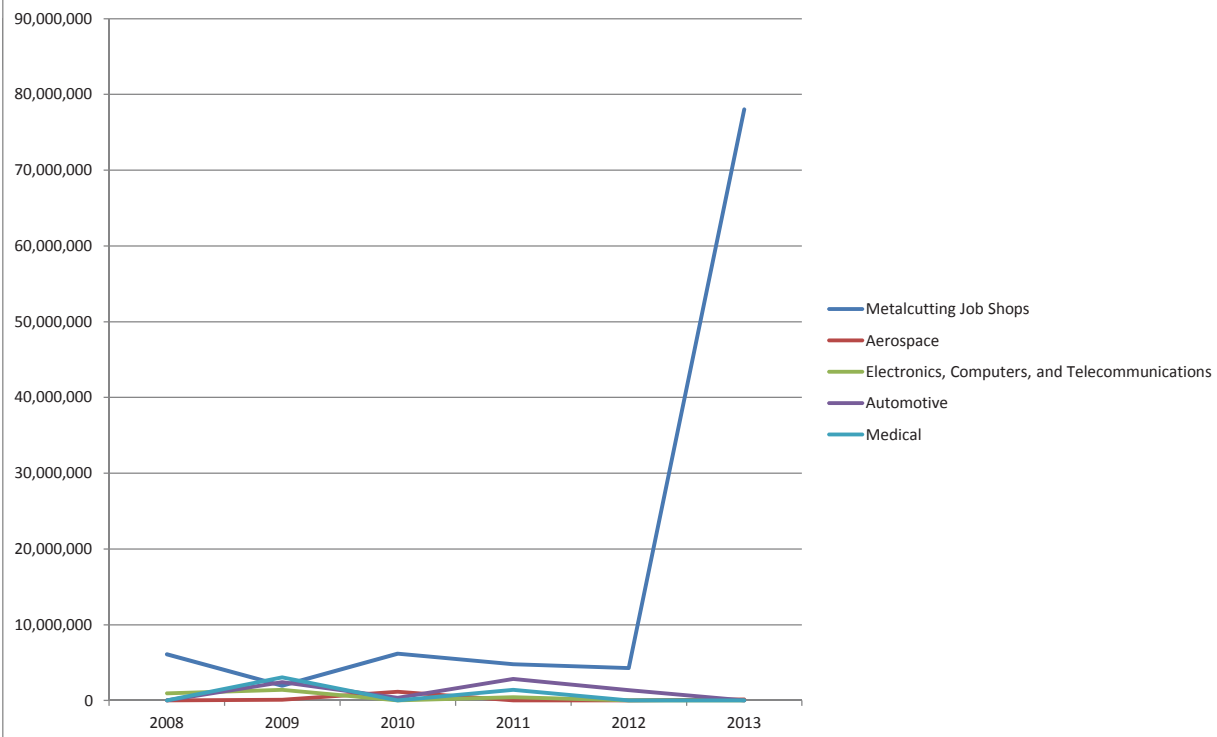
2013

CAPITAL SPENDING Equipment Type Trend Report

EDM, small hole

Industry	2008	2009	2010	2011	2012	2013
Metalcutting Job Shops	6,079,571	1,939,926	6,182,326	4,780,705	4,267,790	78,034,769
Pumps, Valves and Plumbing Products	0	0	0	0	3,115,751	639,733
Custom Processors	0	0	0	0	0	457,170
Non-Manufacturing	0	0	0	0	0	375,650
Machinery and Equipment Manufacturing	0	12,054,017	1,325,886	64,680	1,647,915	254,587
Aerospace	0	79,467	1,147,729	0	11,810	143,940
Industrial Motors, Hydraulic and Mechanical Components	608,055	0	385,607	211,395	0	105,556
Electronics, Computers, and Telecommunications	928,326	1,398,606	0	425,573	0	31,088
Forming and Fabricating (non-auto)	678,545	949,473	10,277,123	8,053	0	23,030
Automotive	0	2,425,707	351,145	2,823,694	1,368,531	0
Medical	23,560	3,068,040	0	1,409,298	0	0
Other Manufacturing	0	1,465,523	0	0	0	0
HVAC	0	29,737	0	0	0	0
Power Generation	17,179,421	0	0	0	0	0
Appliances	0	0	0	0	0	0
Construction Materials	0	0	0	0	0	0
Food and Beverage Processing	0	0	0	0	0	0
Furniture Manufacturing	0	0	0	0	0	0
Hardware	0	0	0	0	0	0
Military	0	0	0	0	0	0
Off-Road and Construction Machinery	0	0	0	0	0	0
Oil, Gas Field, and Mining Machinery	0	0	0	0	0	0
Petrochemical Processors	0	0	0	0	0	0
Plastics and Rubber	0	0	0	0	0	0
Primary Metals	0	0	0	0	0	0
Printing	0	0	0	0	0	0
Ship Building	0	0	0	0	0	0
Textiles, Clothing, and Leather Goods	0	0	0	0	0	0
Wood and Paper Products	0	0	0	0	0	0
All	25,497,478	23,410,495	19,669,816	9,723,397	10,411,797	80,065,524

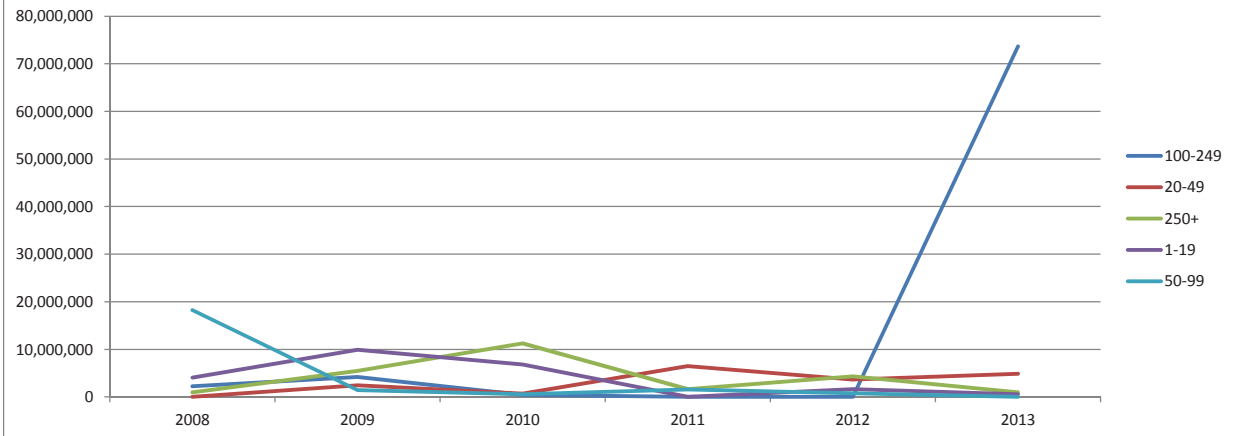
EDM, small hole - Industry



EDM, small hole

Plant Size	2008	2009	2010	2011	2012	2013
100-249	2,254,482	4,205,241	392,748	0	0	73,635,471
20-49	0	2,407,711	659,727	6,443,989	3,635,057	4,887,555
250+	939,944	5,459,412	11,243,063	1,659,348	4,337,312	960,240
1-19	4,051,634	9,892,106	6,789,549	31,496	1,659,725	582,257
50-99	18,251,417	1,446,025	584,729	1,588,565	779,704	0
All	25,497,478	23,410,495	19,669,816	9,723,397	10,411,797	80,065,524

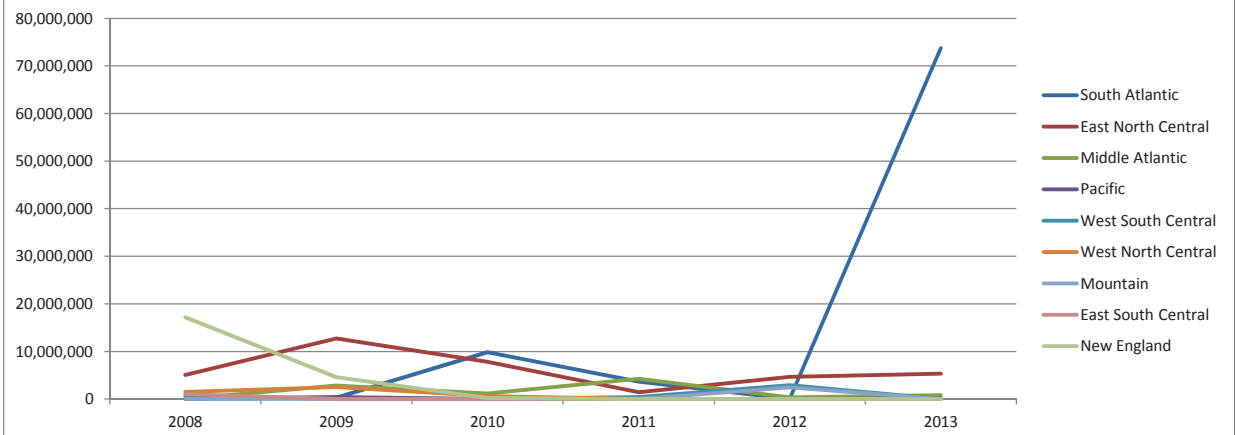
EDM, small hole - Plant Size



EDM, small hole

Region	2008	2009	2010	2011	2012	2013
South Atlantic	0	299,877	9,837,680	3,617,713	0	73,709,940
East North Central	5,074,114	12,704,170	7,810,007	1,431,235	4,680,792	5,311,185
Middle Atlantic	49,516	2,825,172	1,147,729	4,227,742	366,946	846,341
Pacific	62,226	436,401	9,315	8,053	3,849	165,884
West South Central	608,055	0	0	394,971	2,886,410	23,030
West North Central	1,495,128	2,497,810	651,626	5,249	0	9,143
Mountain	0	52,462	0	0	2,427,618	0
East South Central	1,029,017	0	0	38,433	46,183	0
New England	17,179,421	4,594,605	213,459	0	0	0
All	25,497,478	23,410,495	19,669,816	9,723,397	10,411,797	80,065,524

EDM, small hole - Region



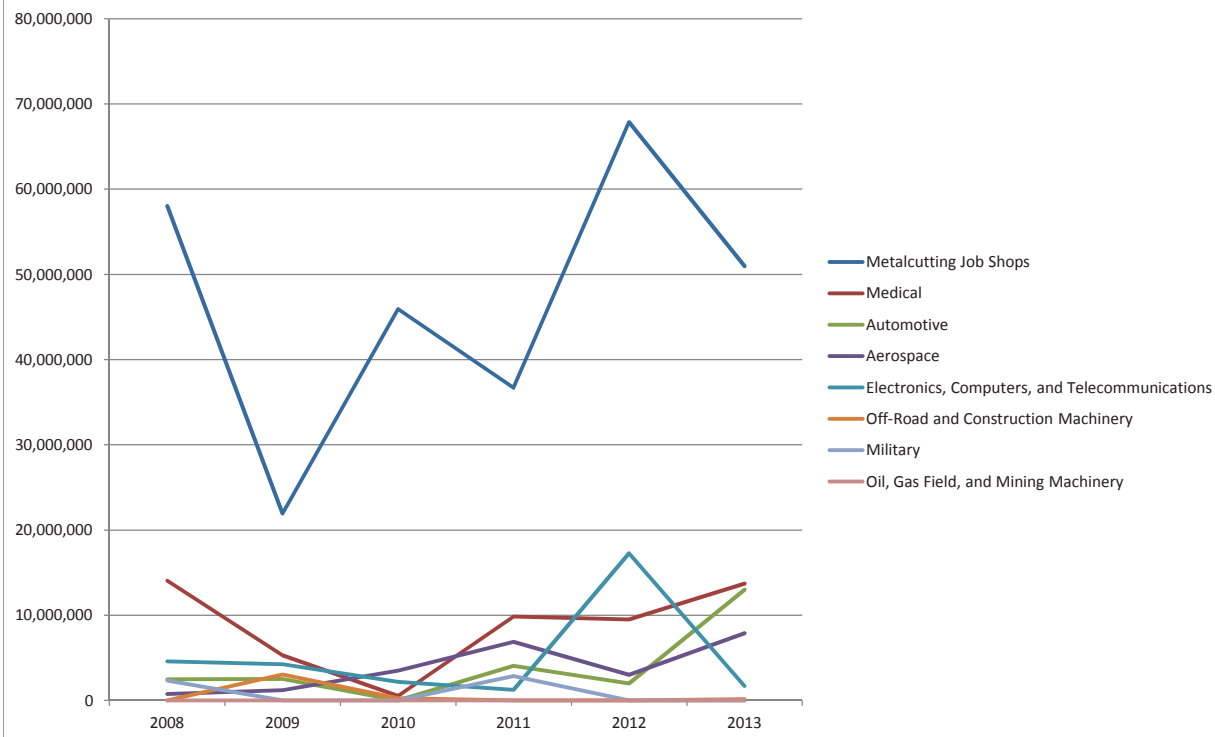
2013

CAPITAL SPENDING Equipment Type Trend Report

EDM, wire type

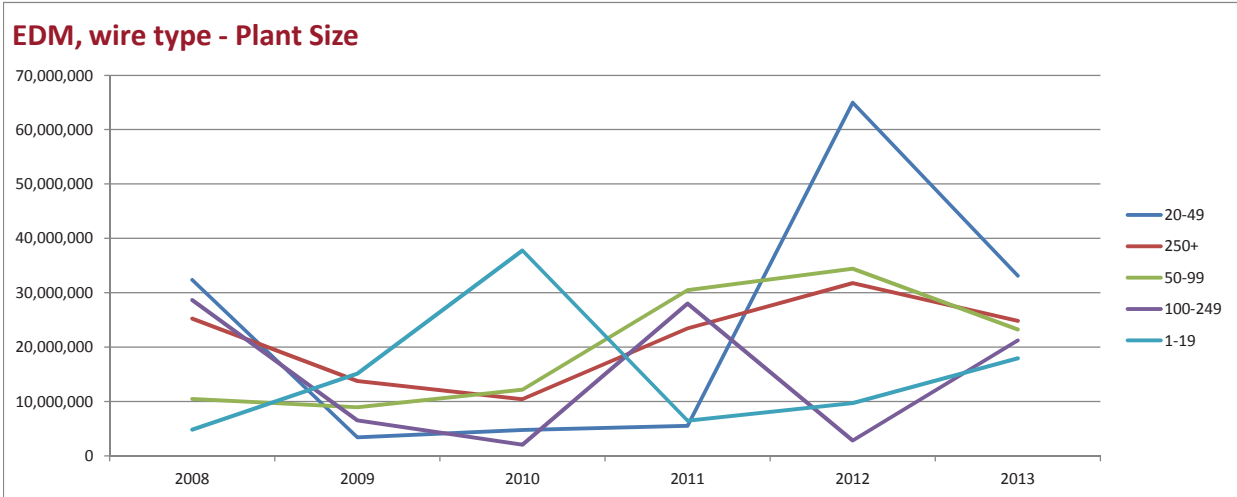
Industry	2008	2009	2010	2011	2012	2013
Metalcutting Job Shops	58,010,797	21,955,867	45,949,565	36,699,923	67,863,804	50,955,433
Medical	14,051,864	5,314,194	533,936	9,848,979	9,515,397	13,723,192
Automotive	2,484,685	2,544,140	0	4,084,926	1,994,091	13,014,755
Machinery and Equipment Manufacturing	4,874,816	4,388,635	10,137,478	119,359	24,168,066	11,608,095
Primary Metals	473,065	0	0	0	0	8,536,133
Aerospace	764,182	1,221,353	3,513,841	6,895,896	3,001,866	7,888,648
Wood and Paper Products	0	0	0	0	0	7,676,799
Forming and Fabricating (non-auto)	4,007,562	3,602,187	2,666,946	30,298,994	17,064,108	1,783,656
Electronics, Computers, and Telecommunications	4,607,266	4,257,368	2,195,911	1,238,572	17,268,612	1,694,120
Custom Processors	0	0	0	0	0	1,130,250
Hardware	2,823,836	828,727	1,524,840	0	646,556	850,845
Pumps, Valves and Plumbing Products	26,201	365,801	0	614,933	0	639,733
Plastics and Rubber	0	0	0	0	0	415,827
Other Manufacturing	1,216,118	0	0	0	0	187,825
Off-Road and Construction Machinery	0	3,056,425	266,019	0	0	179,125
Industrial Motors, Hydraulic and Mechanical Components	0	0	482,515	944,230	0	105,556
Non-Manufacturing	0	0	0	0	0	7,075
Power Generation	0	131,734	0	0	2,287,042	0
Military	2,328,937	0	0	2,868,928	0	0
Ship Building	33,624	35,545	0	409,452	0	0
Appliances	1,618,126	106,975	0	0	0	0
HVAC	4,209,613	105,511	0	0	0	0
Oil, Gas Field, and Mining Machinery	0	1,561	0	0	0	0
Furniture Manufacturing	116,447	0	0	0	0	0
Construction Materials	0	0	0	0	0	0
Food and Beverage Processing	0	0	0	0	0	0
Petrochemical Processors	0	0	0	0	0	0
Printing	0	0	0	0	0	0
Textiles, Clothing, and Leather Goods	0	0	0	0	0	0
All	101,647,138	47,916,022	67,271,052	94,024,191	143,809,543	120,397,066

EDM, wire type - Industry



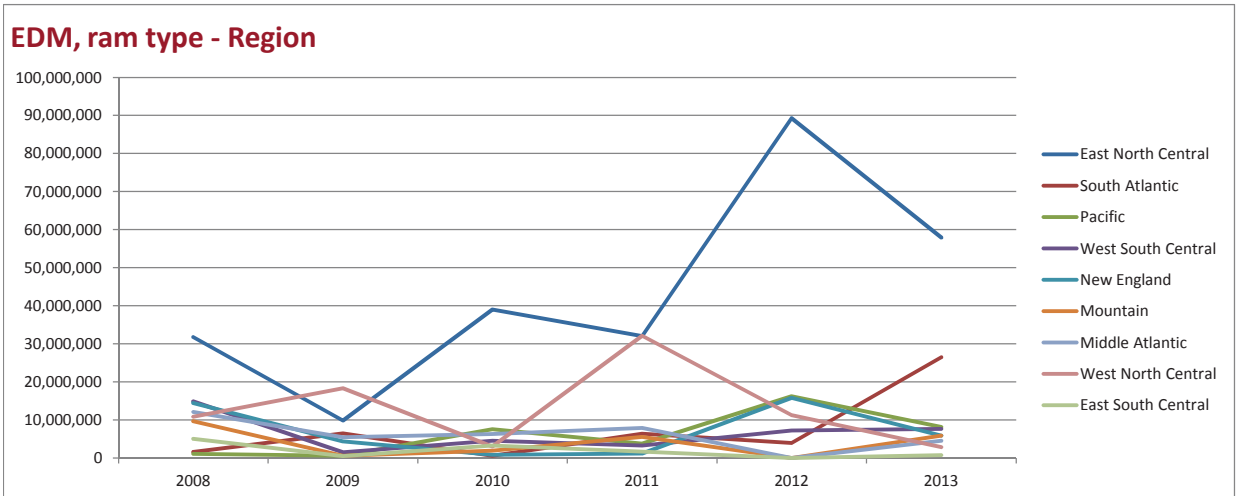
EDM, wire type

Plant Size	2008	2009	2010	2011	2012	2013
20-49	32,390,332	3,427,362	4,767,060	5,560,022	64,949,403	33,153,917
250+	25,278,281	13,767,029	10,458,906	23,436,222	31,815,934	24,823,249
50-99	10,494,172	8,987,627	12,172,116	30,501,741	34,452,502	23,247,174
100-249	28,657,176	6,575,280	2,056,572	28,046,893	2,848,407	21,227,931
1-19	4,827,176	15,158,724	37,816,398	6,479,313	9,743,296	17,944,796
All	101,647,138	47,916,022	67,271,052	94,024,191	143,809,543	120,397,066



EDM, wire type

Region	2008	2009	2010	2011	2012	2013
East North Central	31,803,174	9,835,261	39,032,395	32,017,521	89,301,869	57,953,929
South Atlantic	1,654,273	6,480,726	575,271	6,434,313	3,940,180	26,526,084
Pacific	1,088,778	617,600	7,575,369	3,825,237	16,238,676	8,137,731
West South Central	14,938,807	1,572,782	4,547,895	3,278,380	7,230,663	7,676,799
New England	14,476,895	4,399,492	842,193	1,183,810	15,828,535	5,944,566
Mountain	9,681,383	623,771	1,962,038	5,555,223	0	5,942,674
Middle Atlantic	12,130,884	5,526,891	6,340,170	7,940,851	0	4,571,481
West North Central	10,844,623	18,361,241	3,076,785	32,097,698	11,269,620	2,888,858
East South Central	5,028,320	498,258	3,318,936	1,691,158	0	754,946
All	101,647,138	47,916,022	67,271,052	94,024,191	143,809,543	120,397,066



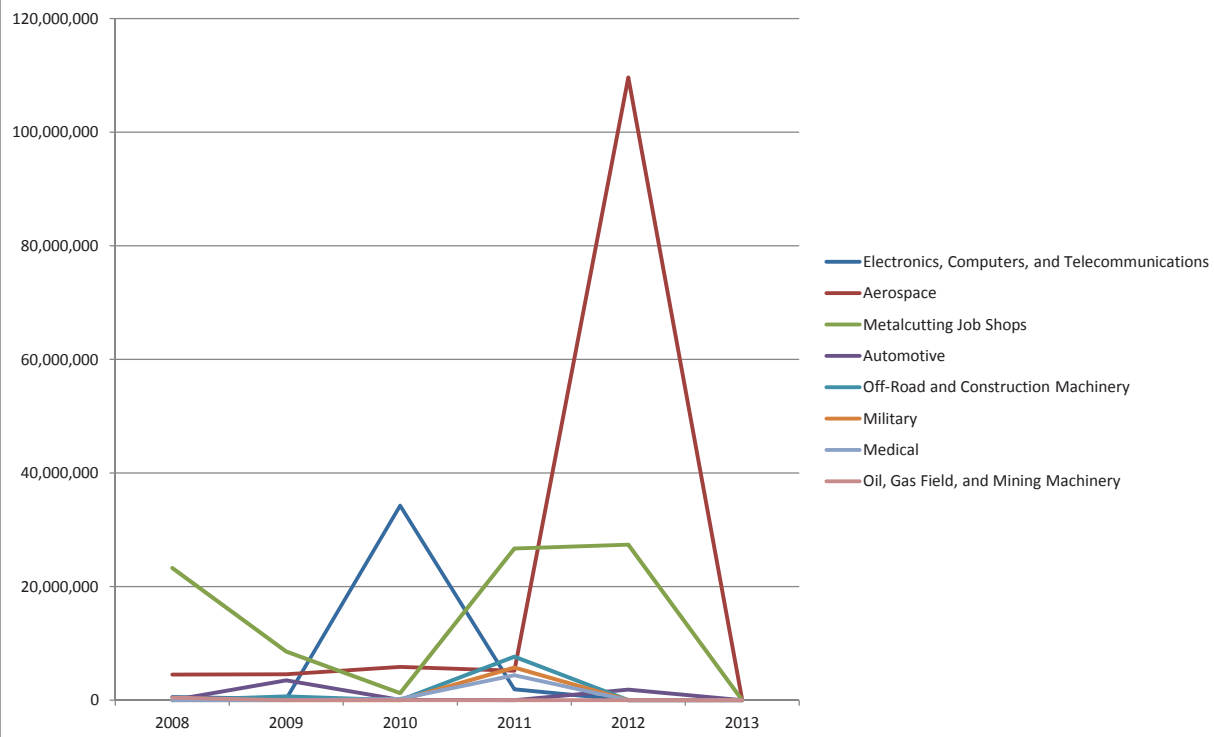
2013

CAPITAL SPENDING Equipment Type Trend Report

Waterjet MCs

Industry	2008	2009	2010	2011	2012	2013
Other Manufacturing	0	0	0	0	0	48,208,404
Non-Manufacturing	0	0	0	0	0	5,668,299
Machinery and Equipment Manufacturing	4,028,079	1,987,518	12,251,825	10,041,564	480,642	2,152,267
Electronics, Computers, and Telecommunications	567,568	234,435	34,276,204	1,920,380	0	27,430
Aerospace	4,497,759	4,605,812	5,888,365	5,199,774	109,633,642	0
Metalcutting Job Shops	23,275,296	8,566,970	1,234,344	26,725,920	27,402,235	0
Pumps, Valves and Plumbing Products	16,617,687	1,498,910	0	0	2,806,933	0
Automotive	0	3,523,315	74,517	0	1,864,621	0
Forming and Fabricating (non-auto)	0	1,169,075	3,591,256	27,608,660	508,107	0
Ship Building	33,624	17,773	342,762	136,484	62,346	0
Off-Road and Construction Machinery	0	666,942	0	7,669,072	0	0
Military	0	17,829	0	5,737,856	0	0
Medical	23,560	0	242,179	4,429,222	0	0
Furniture Manufacturing	0	0	1,288,268	193,275	0	0
HVAC	1,856,844	0	4,918,840	0	0	0
Industrial Motors, Hydraulic and Mechanical Components	0	0	2,216,869	0	0	0
Power Generation	1,397,362	0	0	0	0	0
Oil, Gas Field, and Mining Machinery	467,925	0	0	0	0	0
Appliances	0	0	0	0	0	0
Construction Materials	0	0	0	0	0	0
Custom Processors	0	0	0	0	0	0
Food and Beverage Processing	0	0	0	0	0	0
Hardware	0	0	0	0	0	0
Petrochemical Processors	0	0	0	0	0	0
Plastics and Rubber	0	0	0	0	0	0
Primary Metals	0	0	0	0	0	0
Printing	0	0	0	0	0	0
Textiles, Clothing, and Leather Goods	0	0	0	0	0	0
Wood and Paper Products	0	0	0	0	0	0
All	52,765,705	22,288,580	66,325,428	89,662,207	142,758,526	56,056,400

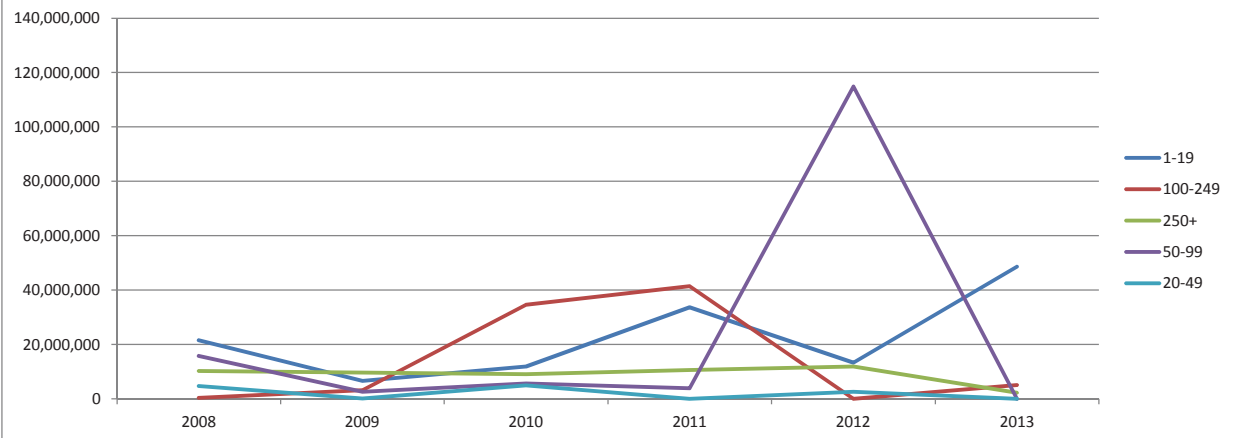
Waterjet MCs - Industry



Waterjet MCs

Plant Size	2008	2009	2010	2011	2012	2013
1-19	21,520,578	6,652,882	11,885,397	33,673,478	13,365,825	48,621,618
100-249	392,897	3,192,678	34,618,966	41,412,991	0	5,147,735
250+	10,298,413	9,676,514	9,148,340	10,669,432	11,894,703	2,287,046
50-99	15,769,727	2,618,562	5,684,869	3,906,306	114,917,911	0
20-49	4,784,089	147,944	4,987,855	0	2,580,088	0
All	52,765,705	22,288,580	66,325,428	89,662,207	142,758,526	56,056,400

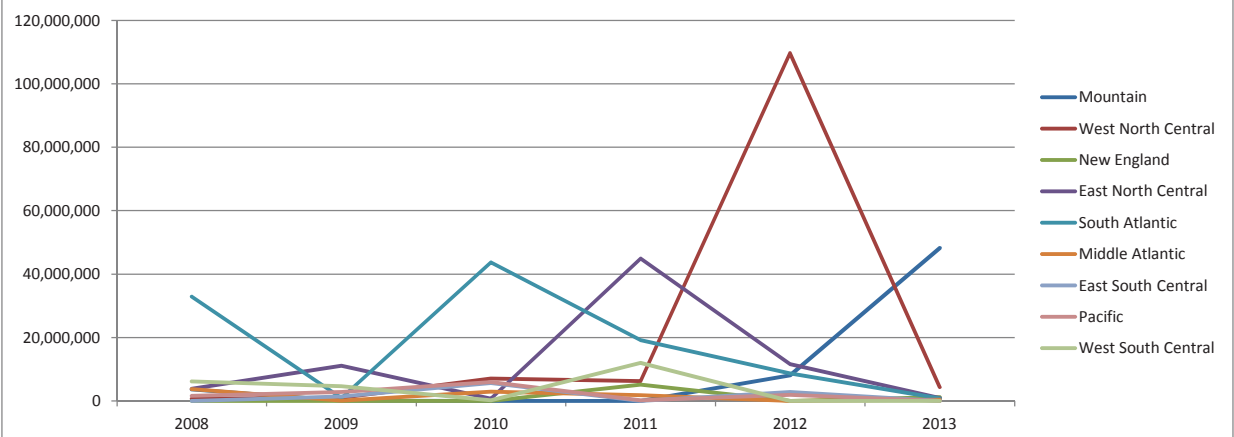
Waterjet MCs - Plant Size



Waterjet MCs

Region	2008	2009	2010	2011	2012	2013
Mountain	3,613,783	88,926	0	24,804	8,081,948	48,208,404
West North Central	742,238	1,085,870	7,096,392	6,233,642	109,615,927	4,416,263
New England	0	0	0	5,196,889	0	1,279,466
East North Central	3,846,442	11,080,958	741,790	44,925,607	11,587,800	923,392
South Atlantic	32,960,426	913,951	43,665,296	19,188,615	8,720,216	815,660
Middle Atlantic	3,782,094	147,944	2,937,250	1,889,778	0	413,215
East South Central	0	1,412,936	5,716,897	0	2,853,115	0
Pacific	1,644,181	2,905,029	5,968,288	193,275	1,899,520	0
West South Central	6,176,542	4,652,967	199,514	12,009,598	0	0
All	52,765,705	22,288,580	66,325,428	89,662,207	142,758,526	56,056,400

Waterjet MCs - Region



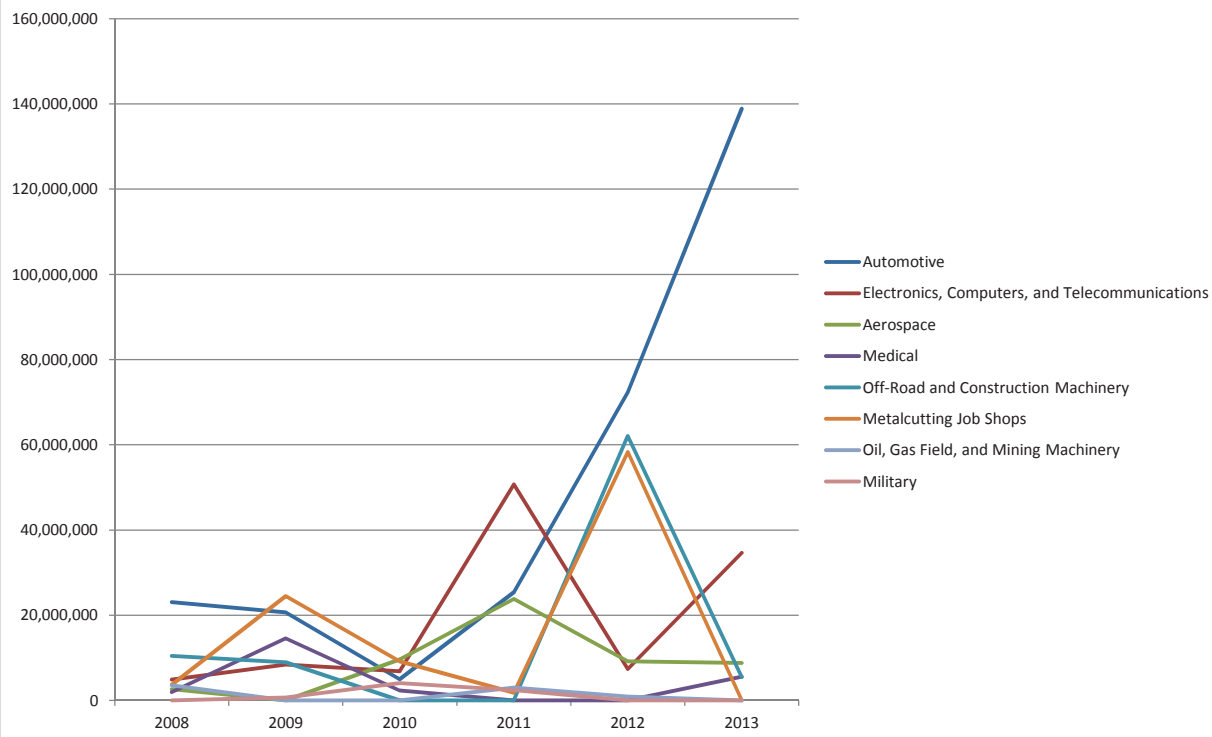
2013

CAPITAL SPENDING Equipment Type Trend Report

Transfer & Special Purpose

Industry	2008	2009	2010	2011	2012	2013
Automotive	23,078,372	20,664,899	4,967,638	25,428,806	72,363,647	138,841,227
Forming and Fabricating (non-auto)	8,218,810	10,995,592	515,307	39,976,239	16,016,365	72,023,347
Electronics, Computers, and Telecommunications	4,900,283	8,447,442	6,854,755	50,726,037	7,389,209	34,607,465
Aerospace	2,629,541	22,923	9,605,098	23,863,905	9,152,108	8,786,690
Hardware	3,063,716	5,405,983	40,772	45,299	0	6,430,859
Medical	1,965,040	14,628,579	2,321,224	0	0	5,597,666
Off-Road and Construction Machinery	10,472,303	8,954,772	19,951	19,730	62,023,564	5,528,996
Machinery and Equipment Manufacturing	5,118,339	5,307,289	2,911,658	354,333	4,312,107	2,398,173
Non-Manufacturing	0	0	0	0	0	1,630,695
Plastics and Rubber	0	0	0	0	0	548,604
Ship Building	26,201	186,302	0	0	0	457,170
Custom Processors	0	0	0	0	0	167,930
Industrial Motors, Hydraulic and Mechanical Components	1,169,337	2,840,000	867,824	1,968,519	11,112,678	51,818
Other Manufacturing	567,678	97,181	24,993,066	0	8,180,221	51,203
Construction Materials	680,486	0	0	0	0	1,088
Metalcutting Job Shops	3,726,231	24,527,266	9,182,007	1,852,876	58,320,643	0
HVAC	12,042,787	368,886	0	21,912	14,969,732	0
Power Generation	5,634,993	3,718,650	0	0	1,385,477	0
Oil, Gas Field, and Mining Machinery	3,565,141	0	0	3,019,924	935,608	0
Pumps, Valves and Plumbing Products	2,474,495	1,837,013	0	1,153,685	137,605	0
Military	0	711,405	4,099,033	2,415,939	0	0
Furniture Manufacturing	0	2,567,387	1,405,383	0	0	0
Appliances	0	194,847	0	0	0	0
Food and Beverage Processing	0	0	0	0	0	0
Petrochemical Processors	0	0	0	0	0	0
Primary Metals	0	0	0	0	0	0
Printing	0	0	0	0	0	0
Textiles, Clothing, and Leather Goods	0	0	0	0	0	0
Wood and Paper Products	0	0	0	0	0	0
All	89,333,755	111,476,417	67,783,717	150,847,205	266,298,965	277,122,932

Transfer & Special Purpose - Industry



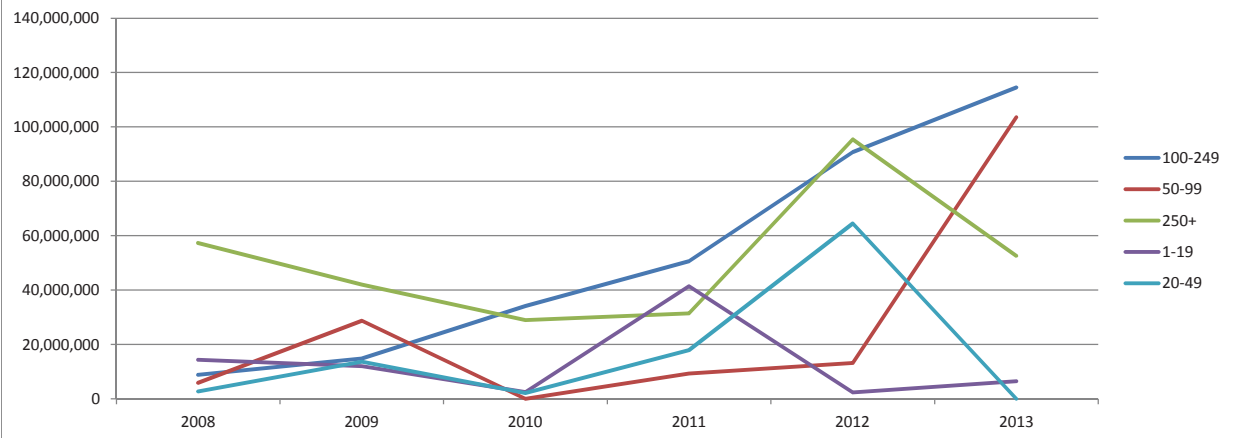
2013 CAPITAL SPENDING
EQUIPMENT TYPE TREND REPORT

TRANSFER & SPECIAL PURPOSE

Transfer & Special Purpose

Plant Size	2008	2009	2010	2011	2012	2013
100-249	8,911,284	14,907,682	34,147,668	50,615,878	90,754,003	114,477,828
50-99	5,934,263	28,729,252	0	9,331,731	13,269,515	103,604,859
250+	57,290,246	42,072,962	28,954,400	31,455,328	95,442,029	52,589,085
1-19	14,436,717	12,057,074	2,486,991	41,476,685	2,341,550	6,451,161
20-49	2,761,245	13,709,447	2,194,656	17,967,583	64,491,868	0
All	89,333,755	111,476,417	67,783,717	150,847,205	266,298,965	277,122,932

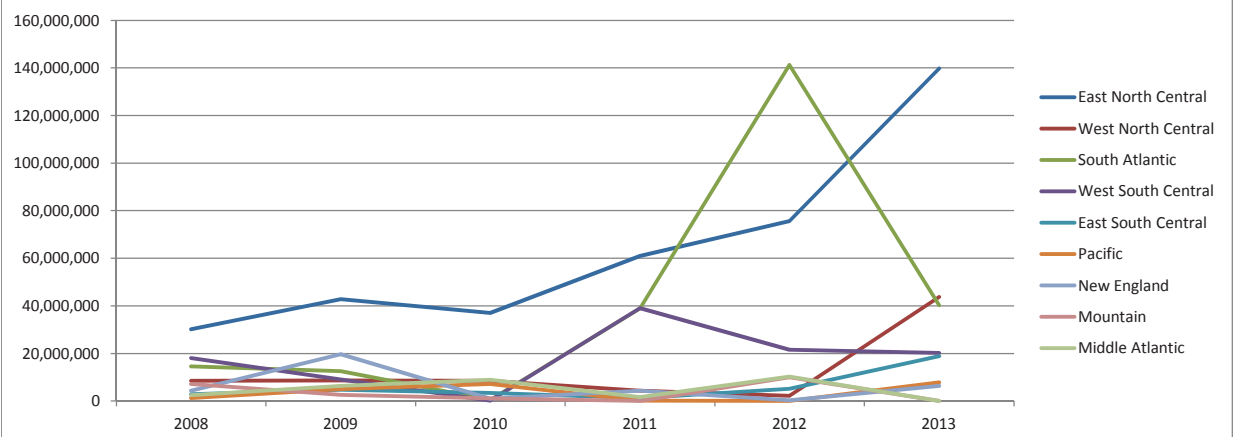
Transfer & Special Purpose - Plant Size



Transfer & Special Purpose

Region	2008	2009	2010	2011	2012	2013
East North Central	30,146,541	42,742,219	36,963,414	60,954,448	75,568,667	139,808,604
West North Central	8,474,063	8,617,366	8,565,461	4,388,536	2,192,273	43,702,535
South Atlantic	14,548,304	12,587,900	503,892	38,895,719	141,292,704	40,235,430
West South Central	18,015,227	9,072,551	231,464	39,095,868	21,574,698	20,201,782
East South Central	2,864,592	4,724,371	3,400,525	1,268,368	5,164,749	18,913,742
Pacific	1,271,343	4,996,545	7,198,003	146,768	0	7,808,638
New England	4,323,089	19,707,702	965,616	4,384,458	243,440	6,400,381
Mountain	7,162,401	2,617,997	1,086,700	0	10,037,109	51,818
Middle Atlantic	2,528,194	6,409,765	8,868,640	1,713,039	10,225,326	0
All	89,333,755	111,476,417	67,783,717	150,847,205	266,298,965	277,122,932

Transfer & Special Purpose - Region



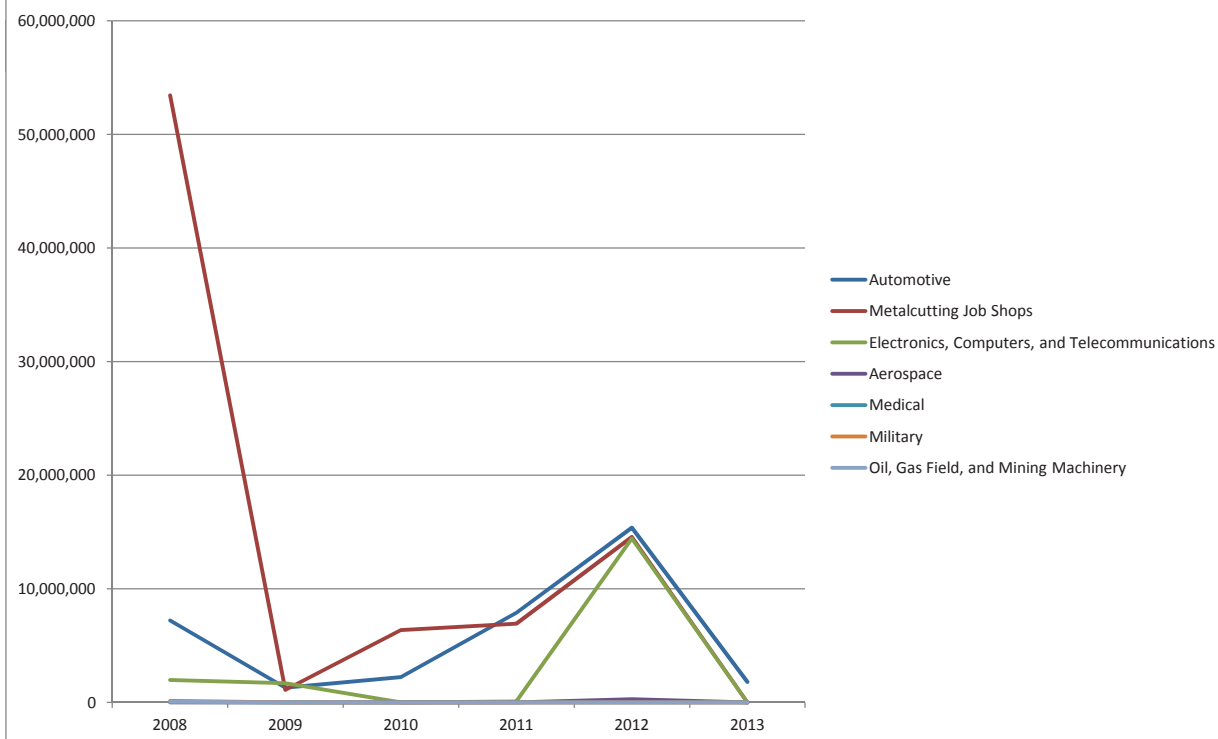
2013

CAPITAL SPENDING Equipment Type Trend Report

Rotary Transfer

Industry	2008	2009	2010	2011	2012	2013
Forming and Fabricating (non-auto)	37,117	0	0	1,760,801	11,481,994	110,101,796
Machinery and Equipment Manufacturing	7,190,593	218,164	0	0	192,427	13,434,398
Pumps, Valves and Plumbing Products	0	0	0	100,664,138	0	7,996,665
Automotive	7,214,411	1,307,023	2,224,657	7,888,189	15,394,186	1,812,279
Ship Building	0	35,545	0	136,484	0	914,340
Hardware	0	93,682	0	0	0	30,478
Non-Manufacturing	0	0	0	0	0	5,758
Metalcutting Job Shops	53,441,822	1,092,955	6,379,914	6,922,875	14,554,467	0
Electronics, Computers, and Telecommunications	1,986,488	1,709,266	0	101,469	14,432,049	0
Aerospace	0	0	0	0	293,018	0
Medical	24,454	1,274	0	0	0	0
Military	151,381	0	0	0	0	0
Oil, Gas Field, and Mining Machinery	64,046	0	0	0	0	0
Appliances	0	0	0	0	0	0
Construction Materials	0	0	0	0	0	0
Custom Processors	0	0	0	0	0	0
Food and Beverage Processing	0	0	0	0	0	0
Furniture Manufacturing	0	0	0	0	0	0
HVAC	0	0	0	0	0	0
Industrial Motors, Hydraulic and Mechanical Components	0	0	0	0	0	0
Off-Road and Construction Machinery	0	0	0	0	0	0
Other Manufacturing	0	0	0	0	0	0
Petrochemical Processors	0	0	0	0	0	0
Plastics and Rubber	0	0	0	0	0	0
Power Generation	0	0	0	0	0	0
Primary Metals	0	0	0	0	0	0
Printing	0	0	0	0	0	0
Textiles, Clothing, and Leather Goods	0	0	0	0	0	0
Wood and Paper Products	0	0	0	0	0	0
All	70,110,311	4,457,909	8,604,572	117,473,957	56,348,142	134,295,713

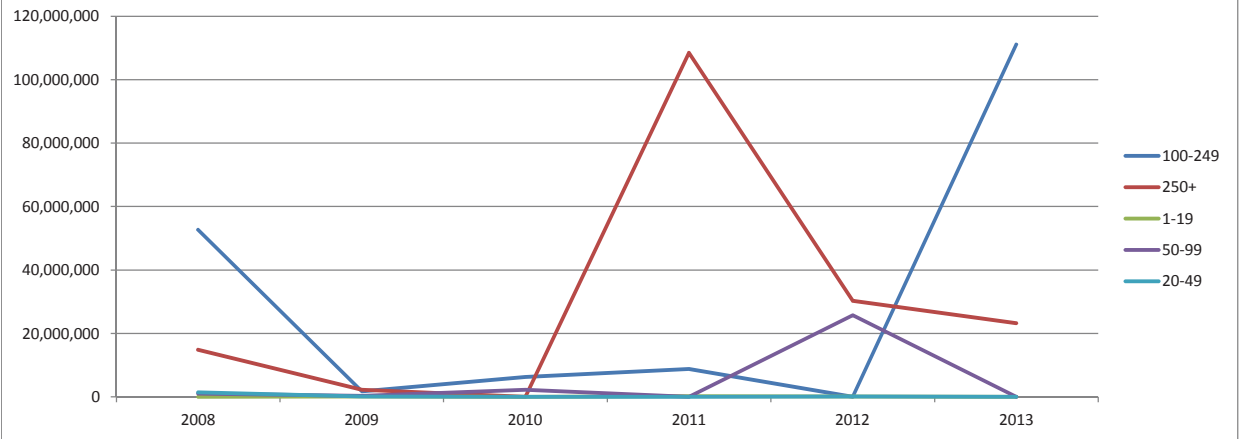
Rotary Transfer - Industry



Rotary Transfer

Plant Size	2008	2009	2010	2011	2012	2013
100-249	52,723,068	1,700,039	6,283,971	8,764,654	0	111,046,614
250+	14,898,355	2,205,720	0	108,500,639	30,288,061	23,186,491
1-19	24,758	88,863	18,629	208,663	174,679	62,608
50-99	1,030,765	367,559	2,270,049	0	25,782,198	0
20-49	1,433,365	95,728	31,922	0	103,204	0
All	70,110,311	4,457,909	8,604,572	117,473,957	56,348,142	134,295,713

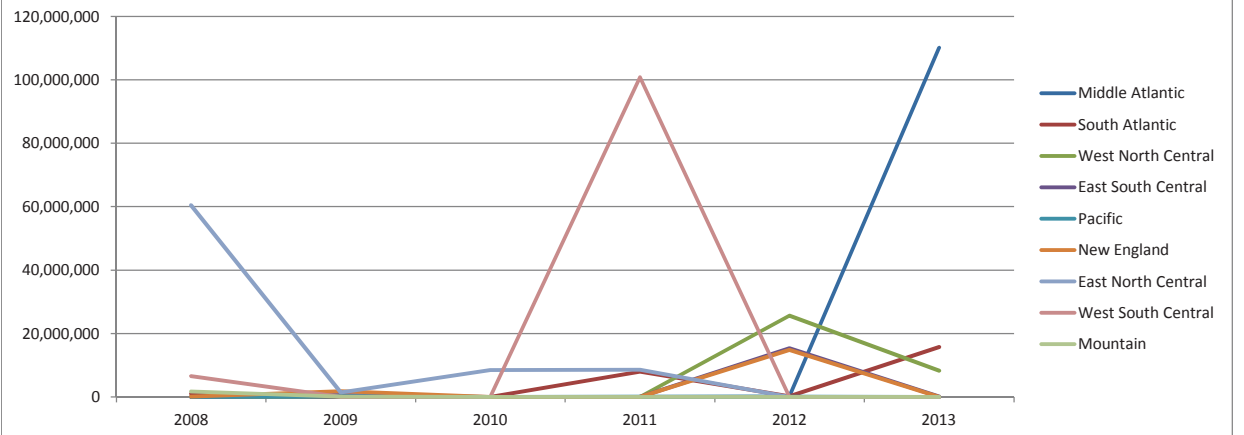
Rotary Transfer - Plant Size



Rotary Transfer

Region	2008	2009	2010	2011	2012	2013
Middle Atlantic	49,212	0	0	0	103,204	110,101,796
South Atlantic	1,004,354	53,318	0	7,960,368	192,427	15,754,786
West North Central	0	255,357	0	0	25,659,781	8,343,811
East South Central	37,117	592,182	0	0	15,394,186	89,563
Pacific	0	207,374	18,629	105,496	151,059	5,758
New England	151,381	1,848,705	0	0	14,823,865	0
East North Central	60,483,932	1,402,912	8,508,628	8,607,471	23,620	0
West South Central	6,614,181	0	0	100,800,622	0	0
Mountain	1,770,134	98,060	77,314	0	0	0
All	70,110,311	4,457,909	8,604,572	117,473,957	56,348,142	134,295,713

Rotary Transfer - Region



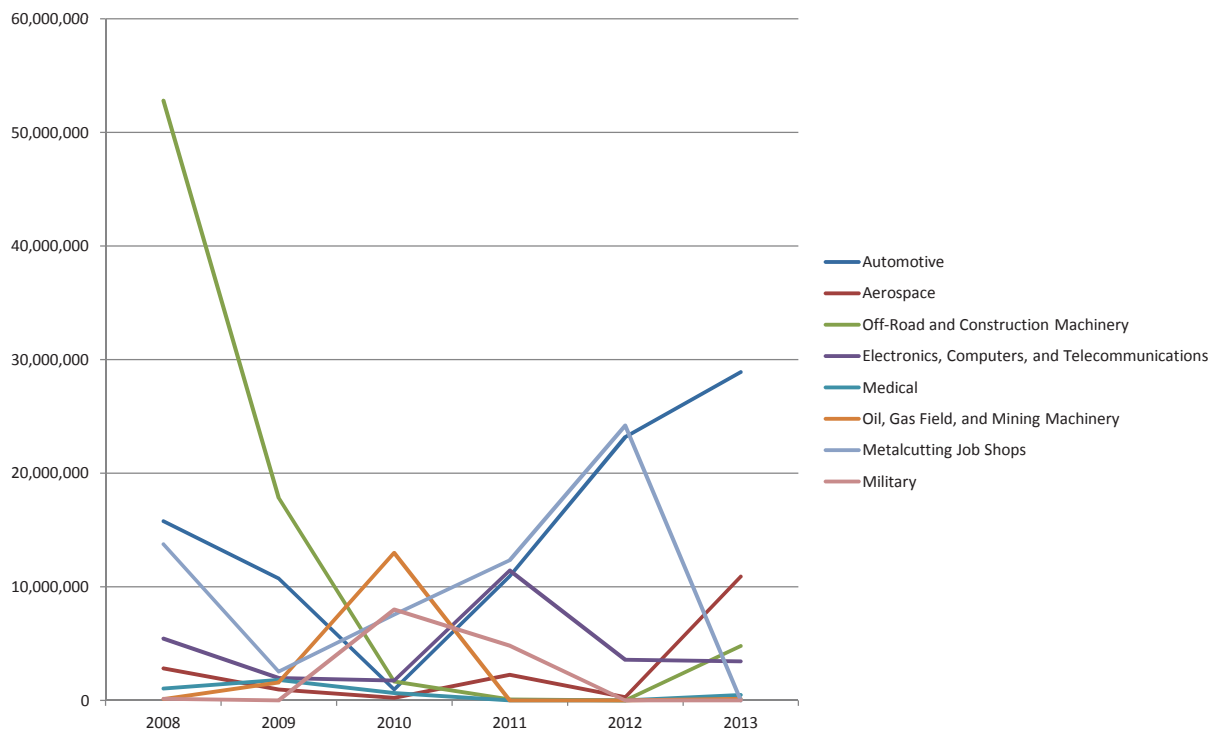
2013

CAPITAL SPENDING Equipment Type Trend Report

Drilling/Tapping

Industry	2008	2009	2010	2011	2012	2013
Automotive	15,772,713	10,733,517	970,929	10,927,535	23,174,891	28,914,978
Other Manufacturing	998,368	1,826,631	25,157,027	3,017,224	0	17,067,683
Aerospace	2,835,677	978,537	245,737	2,269,297	281,208	10,894,910
Primary Metals	72,779	0	58,216	0	0	5,354,834
Off-Road and Construction Machinery	52,780,382	17,843,975	1,674,658	97,846	3,433	4,797,999
Forming and Fabricating (non-auto)	5,754,791	5,110,828	769,741	6,861,220	6,040,229	4,060,303
Pumps, Valves and Plumbing Products	1,401,306	659,644	5,737,608	1,919,086	1,003,656	3,474,477
Electronics, Computers, and Telecommunications	5,434,203	1,991,213	1,757,221	11,428,356	3,593,720	3,432,021
Machinery and Equipment Manufacturing	7,933,613	3,633,691	5,338,450	4,015,693	7,132,859	3,139,370
Non-Manufacturing	0	0	0	0	0	1,373,611
Ship Building	127,073	77,548	95,566	136,484	172,030	914,340
HVAC	3,648,146	2,412,121	790,528	21,912	280,682	783,673
Medical	1,056,889	1,807,065	649,755	0	0	495,793
Custom Processors	0	0	0	0	0	273,486
Oil, Gas Field, and Mining Machinery	128,092	1,595,560	12,997,537	0	0	155,438
Industrial Motors, Hydraulic and Mechanical Components	2,619,592	1,017,456	0	1,371,411	1,637,251	51,818
Plastics and Rubber	0	0	0	0	0	21,224
Construction Materials	0	0	0	0	0	8,700
Wood and Paper Products	0	0	0	0	0	1,599
Metalcutting Job Shops	13,761,312	2,538,312	7,556,626	12,348,188	24,191,573	0
Furniture Manufacturing	55,155	0	0	11,137,480	621,155	0
Hardware	15,543,151	1,397,551	445,633	164,337	37,716	0
Military	151,381	17,829	7,998,192	4,831,879	0	0
Power Generation	475,976	612,542	0	0	0	0
Appliances	30,567	0	0	0	0	0
Food and Beverage Processing	0	0	0	0	0	0
Petrochemical Processors	0	0	0	0	0	0
Printing	0	0	0	0	0	0
Textiles, Clothing, and Leather Goods	0	0	0	0	0	0
All	130,581,168	54,254,020	72,243,424	70,547,949	68,170,403	85,216,258

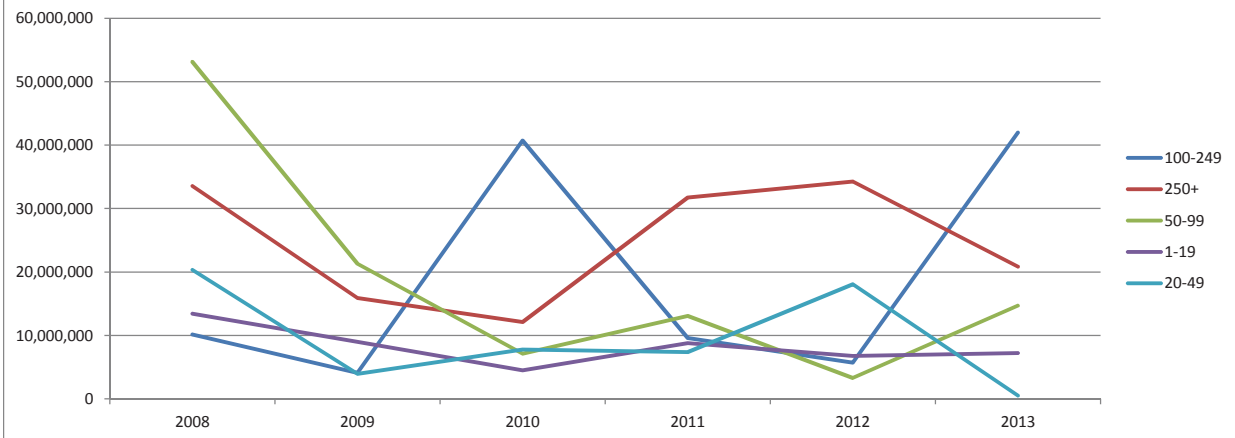
Drilling/Tapping - Industry



Drilling/Tapping

Plant Size	2008	2009	2010	2011	2012	2013
100-249	10,134,691	4,123,838	40,702,992	9,586,340	5,738,397	41,964,556
250+	33,543,605	15,920,866	12,104,328	31,744,073	34,275,925	20,840,014
50-99	53,139,877	21,290,685	7,130,450	13,055,743	3,285,151	14,668,500
1-19	13,430,926	8,969,115	4,523,934	8,797,965	6,793,117	7,246,287
20-49	20,332,069	3,949,516	7,781,719	7,363,826	18,077,813	496,901
All	130,581,168	54,254,020	72,243,424	70,547,949	68,170,403	85,216,258

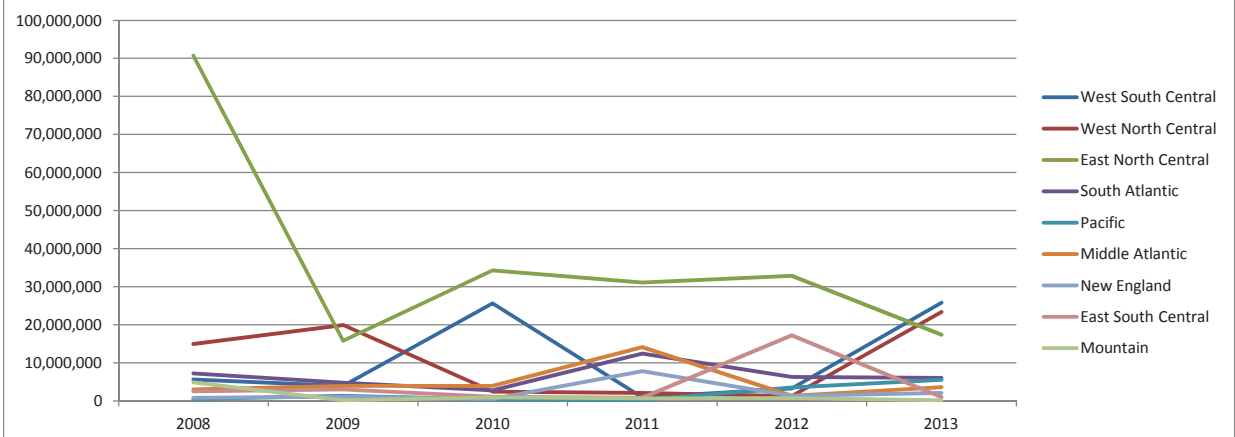
Drilling/Tapping - Plant Size



Drilling/Tapping

Region	2008	2009	2010	2011	2012	2013
West South Central	5,668,299	3,988,567	25,673,041	983,637	3,318,058	25,816,132
West North Central	14,960,057	19,930,299	2,446,184	2,139,146	1,313,413	23,382,007
East North Central	90,723,006	15,848,598	34,276,026	31,144,129	32,847,822	17,421,461
South Atlantic	7,266,812	4,800,304	2,806,698	12,472,852	6,345,239	6,063,752
Pacific	568,465	1,365,758	478,119	244,413	3,579,148	5,588,401
Middle Atlantic	3,027,285	3,980,270	3,939,841	14,161,242	1,341,543	3,613,329
New England	883,540	1,076,702	540,867	7,831,784	1,406,832	2,121,077
East South Central	2,549,664	3,057,300	1,157,417	890,402	17,259,694	1,001,243
Mountain	4,934,039	206,223	925,230	680,344	758,655	208,856
All	130,581,168	54,254,020	72,243,424	70,547,949	68,170,403	85,216,258

Drilling/Tapping - Region



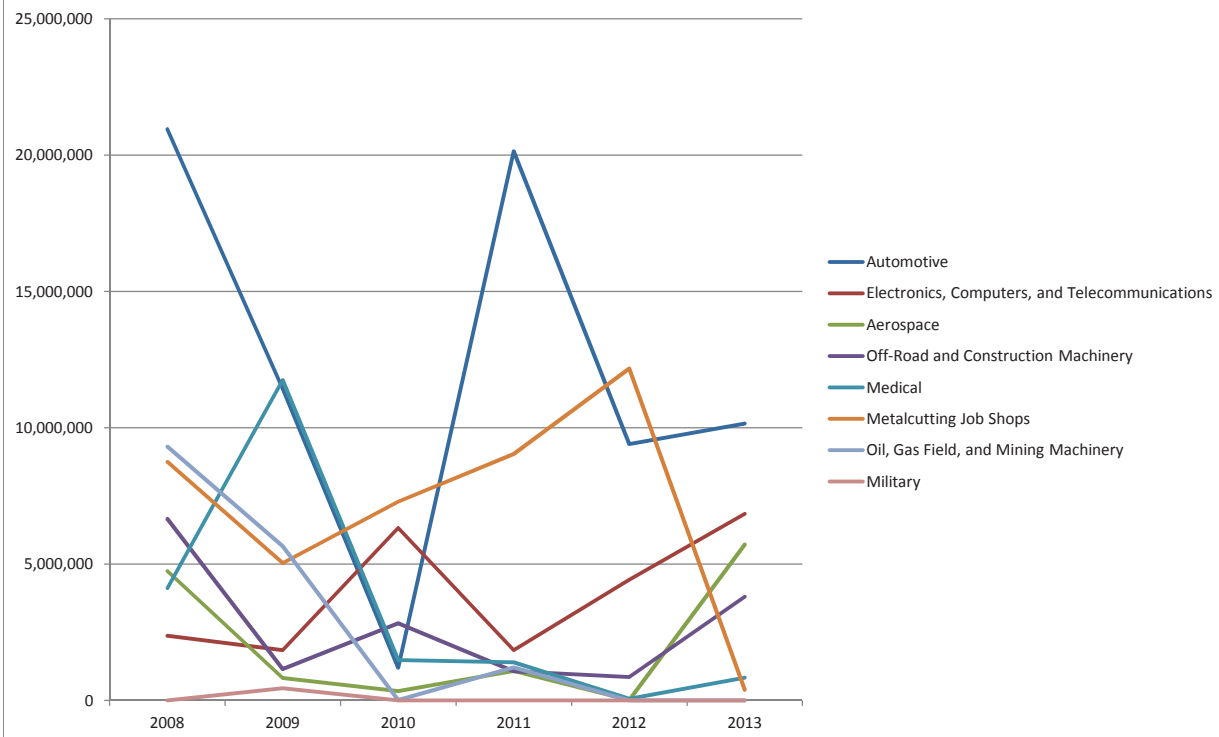
2013

CAPITAL SPENDING Equipment Type Trend Report

Sawing/Cutoff

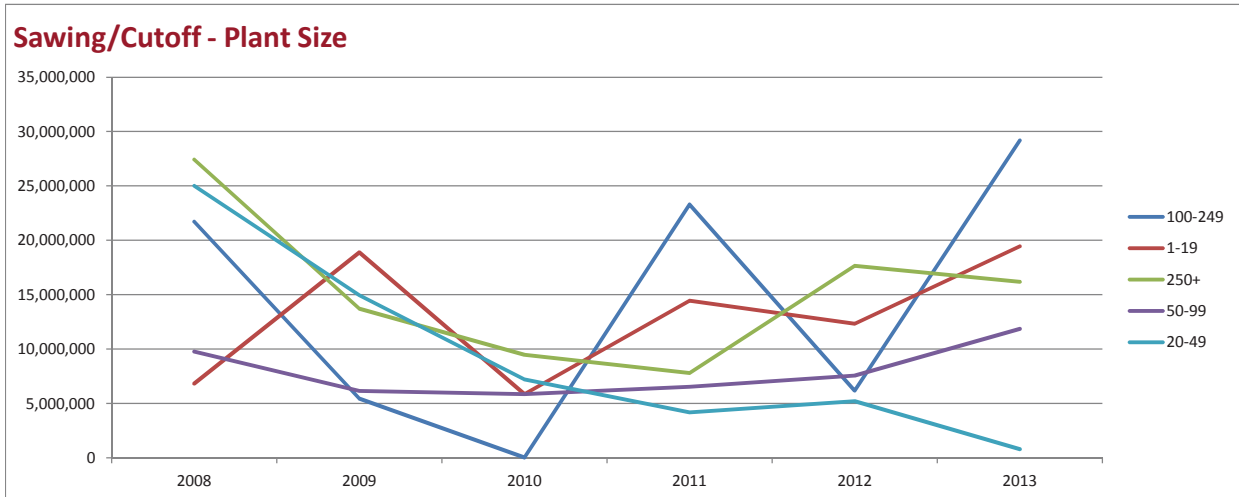
Industry	2008	2009	2010	2011	2012	2013
Forming and Fabricating (non-auto)	9,569,012	1,980,723	2,847,167	7,541,637	8,971,821	17,272,495
Other Manufacturing	575,002	478,908	163,961	523,454	0	11,448,682
Automotive	20,952,002	11,442,933	1,203,199	20,139,001	9,403,621	10,150,377
Primary Metals	128,092	0	58,216	0	0	8,926,715
Electronics, Computers, and Telecommunications	2,372,488	1,845,171	6,324,716	1,845,439	4,423,340	6,849,367
Aerospace	4,749,167	824,467	346,251	1,079,933	17,715	5,721,725
Machinery and Equipment Manufacturing	6,860,273	8,357,252	2,781,394	10,001,731	1,951,072	5,258,810
Off-Road and Construction Machinery	6,654,619	1,148,899	2,827,022	1,070,578	860,732	3,802,318
Plastics and Rubber	0	0	0	0	0	2,593,488
Pumps, Valves and Plumbing Products	9,402,937	802,753	989,505	1,441,864	912,082	2,590,920
Ship Building	127,073	147,819	95,566	136,484	109,684	914,340
Medical	4,125,310	11,748,293	1,477,894	1,401,245	57,728	842,519
Metalcutting Job Shops	8,746,710	5,042,423	7,288,631	9,039,843	12,174,442	391,004
Non-Manufacturing	0	0	0	0	0	290,374
Custom Processors	3,341,142	0	0	0	0	201,888
Hardware	969,968	392,537	111,775	0	374,258	155,641
Industrial Motors, Hydraulic and Mechanical Components	208,079	713,691	386,480	859,589	3,913,666	51,818
Construction Materials	0	0	0	0	0	8,700
Power Generation	1,386,445	5,424,666	70,269	0	5,457,925	0
HVAC	585,145	2,333,936	0	0	280,682	0
Furniture Manufacturing	355,163	337,917	234,230	0	21,552	0
Oil, Gas Field, and Mining Machinery	9,307,567	5,656,545	19,951	1,207,970	0	0
Petrochemical Processors	0	0	1,197,085	0	0	0
Military	0	450,186	0	0	0	0
Appliances	358,074	16,488	0	0	0	0
Food and Beverage Processing	0	0	0	0	0	0
Printing	0	0	0	0	0	0
Textiles, Clothing, and Leather Goods	0	0	0	0	0	0
Wood and Paper Products	0	0	0	0	0	0
All	90,774,266	59,145,609	28,423,315	56,288,767	48,930,320	77,471,182

Sawing/Cutoff - Industry



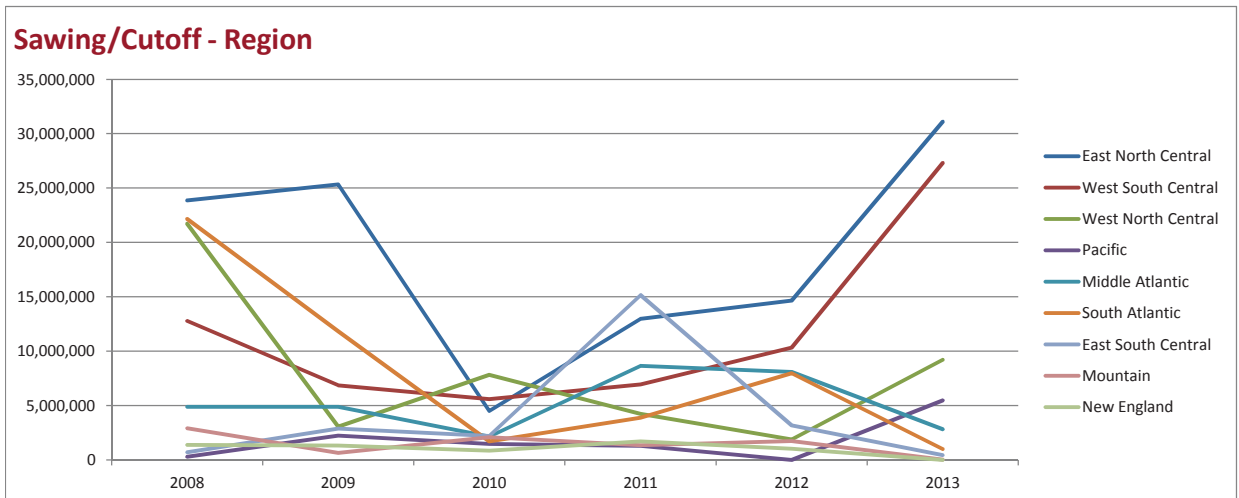
Sawing/Cutoff

Plant Size	2008	2009	2010	2011	2012	2013
100-249	21,726,282	5,445,877	28,564	23,303,024	6,175,015	29,186,362
1-19	6,822,789	18,892,619	5,854,986	14,443,939	12,327,776	19,451,152
250+	27,436,987	13,717,923	9,479,073	7,813,953	17,653,668	16,189,294
50-99	9,789,325	6,146,300	5,848,918	6,532,212	7,562,085	11,854,219
20-49	24,998,883	14,942,891	7,211,774	4,195,639	5,211,777	790,155
All	90,774,266	59,145,609	28,423,315	56,288,767	48,930,320	77,471,182



Sawing/Cutoff

Region	2008	2009	2010	2011	2012	2013
East North Central	23,870,926	25,345,786	4,513,347	12,973,375	14,652,882	31,095,940
West South Central	12,788,243	6,873,668	5,591,876	6,946,441	10,331,195	27,310,488
West North Central	21,731,109	3,071,603	7,823,011	4,254,122	1,896,231	9,228,094
Pacific	291,744	2,248,796	1,475,703	1,313,466	0	5,480,285
Middle Atlantic	4,887,359	4,891,252	2,143,769	8,649,675	8,105,110	2,842,586
South Atlantic	22,148,695	11,833,382	1,711,899	3,905,281	7,994,364	1,020,493
East South Central	724,008	2,884,290	2,201,561	15,171,212	3,186,597	441,477
Mountain	2,931,348	657,604	2,092,734	1,354,466	1,732,343	51,818
New England	1,400,834	1,339,228	869,415	1,720,729	1,031,598	0
All	90,774,266	59,145,609	28,423,315	56,288,767	48,930,320	77,471,182



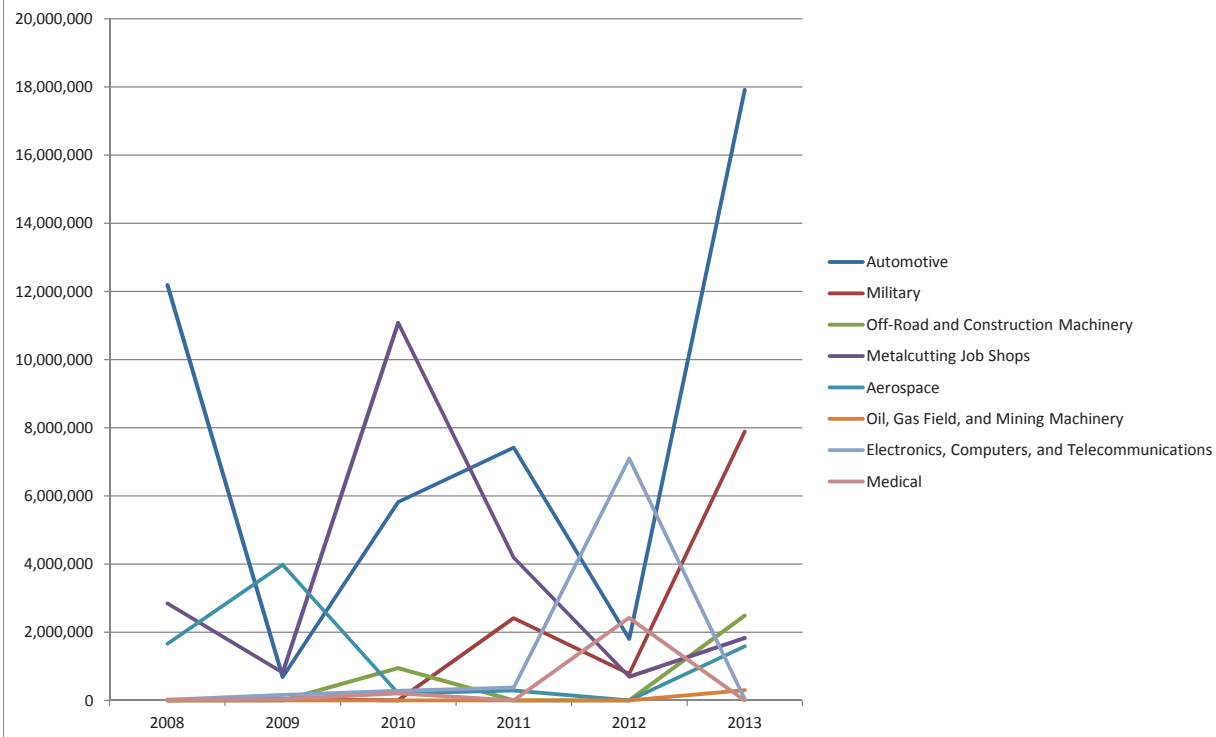
2013

CAPITAL SPENDING Equipment Type Trend Report

Broaching

Industry	2008	2009	2010	2011	2012	2013
Automotive	12,186,609	690,690	5,818,420	7,421,697	1,805,977	17,914,828
Military	0	47,427	0	2,415,939	779,760	7,888,648
Primary Metals	0	0	0	0	0	4,114,531
Off-Road and Construction Machinery	0	0	947,720	0	0	2,490,263
Metalcutting Job Shops	2,846,759	819,064	11,082,469	4,192,738	693,772	1,832,833
Wood and Paper Products	0	0	0	0	0	1,792,852
Aerospace	1,662,881	3,982,972	211,142	295,278	5,905	1,587,161
Plastics and Rubber	0	0	0	0	0	1,171,170
Non-Manufacturing	0	0	0	0	0	1,097,208
Ship Building	0	17,773	47,783	136,484	109,684	914,340
Machinery and Equipment Manufacturing	4,319,408	1,820,720	299,271	547,160	3,992,632	575,760
Pumps, Valves and Plumbing Products	0	232,406	107,719	24,159	153,942	519,139
Oil, Gas Field, and Mining Machinery	0	0	0	0	0	304,780
Other Manufacturing	51,237	253,825	0	0	2,060	187,825
Hardware	1,899,539	2,348,917	257,654	316,541	0	186,119
Forming and Fabricating (non-auto)	628,118	1,496,239	357,044	301,271	0	46,061
Electronics, Computers, and Telecommunications	21,091	159,294	282,750	376,682	7,102,626	43,502
Medical	21,834	44,787	204,921	0	2,424,584	0
Industrial Motors, Hydraulic and Mechanical Components	3,131,518	2,901	412,948	1,503,247	1,046,805	0
Power Generation	1,018,910	155,387	0	0	0	0
HVAC	0	71,140	0	0	0	0
Appliances	0	0	0	0	0	0
Construction Materials	0	0	0	0	0	0
Custom Processors	0	0	0	0	0	0
Food and Beverage Processing	0	0	0	0	0	0
Furniture Manufacturing	0	0	0	0	0	0
Petrochemical Processors	0	0	0	0	0	0
Printing	0	0	0	0	0	0
Textiles, Clothing, and Leather Goods	0	0	0	0	0	0
All	27,787,904	12,143,542	20,029,840	17,531,198	18,117,745	42,667,021

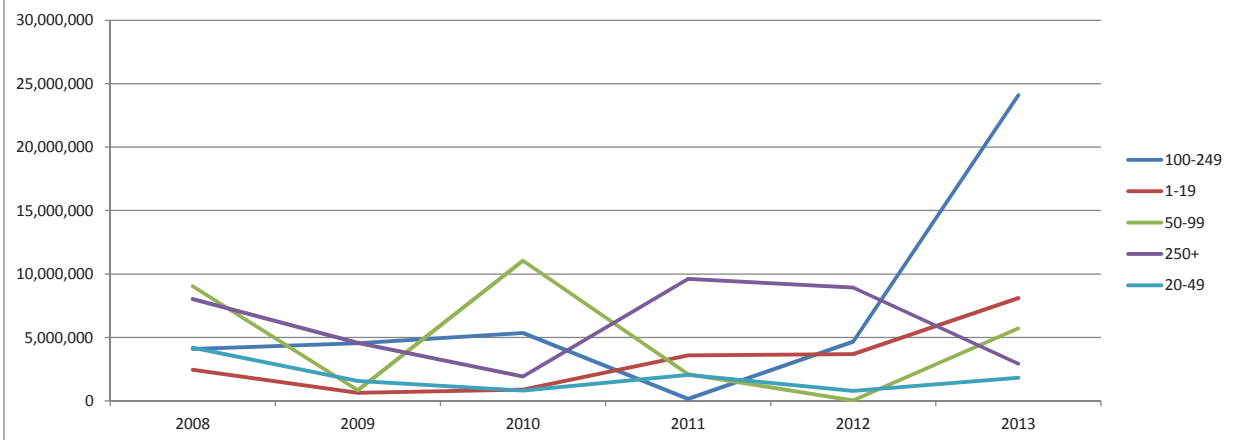
Broaching - Industry



Broaching

Plant Size	2008	2009	2010	2011	2012	2013
100-249	4,090,809	4,533,728	5,355,657	164,337	4,678,041	24,077,624
1-19	2,444,845	637,708	898,856	3,587,691	3,688,583	8,107,777
50-99	9,029,013	838,865	11,041,639	2,111,575	31,188	5,709,212
250+	8,034,832	4,563,879	1,922,330	9,611,412	8,940,174	2,939,574
20-49	4,188,405	1,569,363	811,358	2,056,183	779,760	1,832,833
All	27,787,904	12,143,542	20,029,840	17,531,198	18,117,745	42,667,021

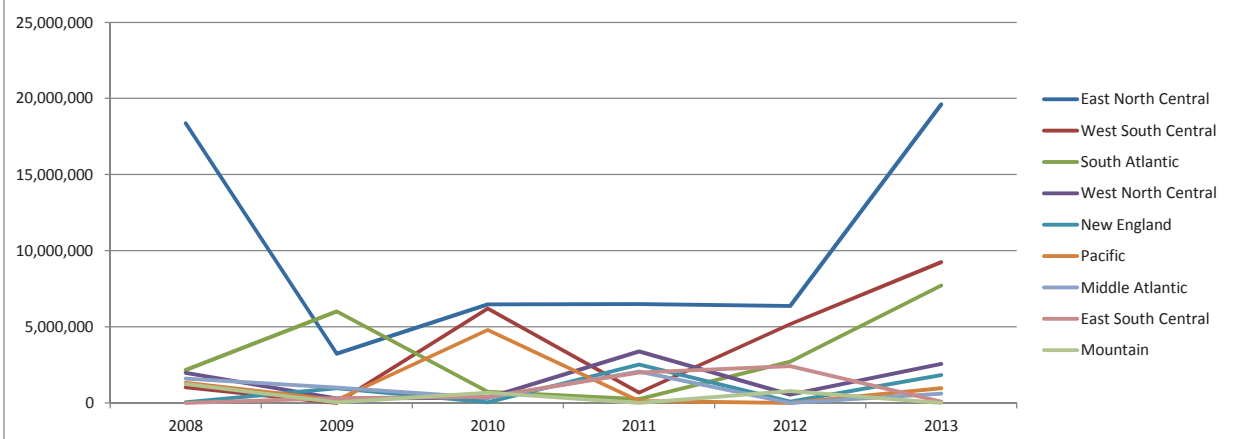
Broaching - Plant Size



Broaching

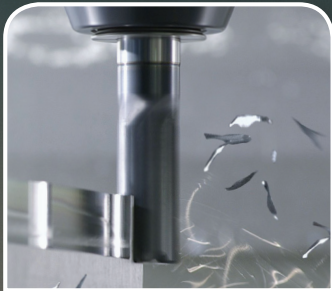
Region	2008	2009	2010	2011	2012	2013
East North Central	18,367,836	3,236,287	6,469,395	6,490,952	6,376,477	19,619,280
West South Central	1,040,809	0	6,200,189	675,704	5,170,791	9,245,488
South Atlantic	2,168,822	6,023,629	739,944	263,754	2,725,974	7,714,383
West North Central	1,987,873	310,711	345,978	3,398,466	556,115	2,570,907
New England	51,237	976,725	38,811	2,519,877	84,044	1,834,755
Pacific	1,322,060	196,511	4,805,598	125,629	0	968,480
Middle Atlantic	1,611,372	1,015,385	345,825	2,064,072	0	622,566
East South Central	0	327,887	402,333	1,992,744	2,424,584	89,563
Mountain	1,237,896	56,407	681,767	0	779,760	1,599
All	27,787,904	12,143,542	20,029,840	17,531,198	18,117,745	42,667,021

Broaching - Region



2013 CAPITAL SPENDING

Equipment Type Trend Report



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