

Kentucky Energy Database Codebook

Kentucky Energy Database
 Kentucky Energy and Environment Cabinet
 Department for Energy Development and Independence
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Database: http://energy.ky.gov/Programs/Data%20Analysis%20%20Electricity%20Model/KY_Energy_Database.zip

Variable	Label	Obs	Unique	Mean	Min	Max
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codeyr	Identifier (UID)	311	311	.	.	.
name	Name of State	311	1	.	.	.
code	Code	311	1	.	.	.
code_n	Code (Numeric Encoded for Panel Structure)	311	1	18	18	18
year	Year	311	311	1945	1790	2100
abicb	Aviation Gasoline Blending Components Consumed in Industrial Sector (BBtu)	54	26	25.61111	-16	142
abicp	Aviation Gasoline Blending Components Consumed in Industrial Sector (Mbbl)	54	17	5.092593	-3	28
area	Land Area (sq mi.)	174	2	39728.18	39728.18	39728.2
area_ur	Urban Net Land Area (sq mi.)	9	2	1451	1393	1480
area_ur_p	Urban Land Area as Percent of Total Net Land Area (%)	9	4	3.648889	3.5	3.73
areaw	Water Area (sq mi.)	161	1	681	681	681
aricb	Asphalt, Road Oil Consumed in Industrial Sector (BBtu)	54	54	18069.02	9832	27810
aricd	Asphalt, Road Oil Price in Industrial Sector (\$ per MMBtu)	44	40	3.7825	0.67	10.4
aricp	Asphalt, Road Oil Consumed in Industrial Sector (Mbbl)	54	53	2722.907	1482	4191
aricv	Asphalt, Road Oil Expenditures in Industrial Sector (MM\$)	44	44	70.28636	13.8	153
artcb	Asphalt, Road Oil Total Consumption (BBtu)	54	54	18069.02	9832	27810
artcd	Asphalt, Road Oil Average Price, All Sectors (\$ per MMBtu)	44	40	3.7825	0.67	10.4
artcp	Asphalt, Road Oil Total Consumption (Mbbl)	54	53	2722.907	1482	4191
artcv	Asphalt, Road Oil Total Expenditures (MM\$)	44	44	70.28636	13.8	153
artxb	Asphalt, Road Oil total end-use consumption (BBtu)	54	54	18069.02	9832	27810
artxd	Asphalt, Road Oil Average Price, All End-Use Sectors (\$ per MMBtu)	44	40	3.7825	0.67	10.4
artxp	Asphalt, Road Oil total end-use consumption (Mbbl)	54	53	2722.907	1482	4191
artxv	Asphalt, Road Oil Total End-Use Expenditures (MM\$)	44	44	70.28636	13.8	153

autos_pc	Total Auto Registrations per Capita	10	6	0.462	0.41	0.52
autos_pri	All Private & Commercial Auto Registrations	10	10	3401339	2783449	3.58E+06
autos_pri_pc	Private & commercial Auto Registrations per Capita	10	10	0.8147474	0.6874576	0.8801037
autos_pub	All Public Auto Registrations	10	10	46838.8	42954	49185
autos_total	Total Auto Registrations	10	10	3448178	2826403	3.63E+06
avacb	Aviation Gasoline Consumed in Transport Sector (BBtu)	54	54	1140.537	130	8574
avacd	Aviation Gasoline Price in Transport Sector (\$ per MMBtu)	44	44	11.54318	2.17	33.04
avacp	Aviation Gasoline Consumed in Transport Sector (Mbbbl)	54	48	225.9259	26	1.70E+03
avacv	Aviation Gasoline Expenditures in Transport Sector (MM\$)	44	26	3.472727	1.3	7.7
avtcb	Aviation Gasoline Total Consumption (BBtu)	54	54	1140.537	130	8574
avtcd	Aviation Gasoline Average Price, All Sectors (\$ per MMBtu)	44	44	11.54318	2.17	3.30E+01
avtcp	Aviation Gasoline Total Consumption (Mbbbl)	54	48	225.9259	26	1698
avtcv	Aviation Gasoline Total Expenditures (MM\$)	44	26	3.472727	1.3	7.7
avtxb	Aviation gasoline total end-use consumption (BBtu)	54	54	1140.537	130	8574
avtxd	Aviation gasoline average price, all end-use sectors (\$ per MMBtu)	44	44	11.54318	2.17	33.04
avtxp	Aviation gasoline total end-use consumption (Mbbbl)lls	54	48	225.9259	26	1698
avtxv	Aviation Gasoline Total End-Use Expenditures (MM\$)	44	26	3.472727	1.3	7.7
biexp	Export of Bituminous Coal (tons) U.S. Census	18	14	402277	0	1.40E+06
biexp_kg	Export of Bituminous Coal (kg) U.S. Census	13	13	5.05E+08	5.72E+07	1.27E+09
biexpv	Total Nominal Value of Coal Exports (\$)	13	13	3.38E+07	7344809	8.93E+07
biomass	Percentage of Electricity Generation from Biomass	111	21	0.0005061	0.00E+00	0.0050816
bmtcb	Biomass Total Consumption (BBtu)	54	54	29584.35	11476	55381
buses_pri	Private & Commercial Bus Registrations	10	10	1518.2	1389	1670
buses_pub	Public Bus Registrations	10	10	12478.7	11264	13202
buses_total	Total Bus Registrations	10	10	13996.9	12934	14591
cars_pricom	Private & Commercial Car Registrations	10	10	1921391	1650575	2.10E+06
cars_pub	Public Car Registrations	10	10	25639.3	23351	27004
cars_total	Total Car Registrations	10	10	1947030	1673926	2.12E+06
ccexb	Coal Coke Exported From The United States(BBtu)	1	1	14189	14189	14189
ccexd	Coal Coke Exports Average Price, United States (per MMBtu)	1	1	3.53	3.53	3.53
ccexp	Coal Coke Exported From The United States(k tons)	1	1	5.72E+02	572	5.72E+02
ccexv	Coal Coke Exports Expenditures, United States (MM\$)	1	1	5.01E+01	50.1	5.01E+01
ccimb	Coal Coke Imported into The United States (BBtu)	1	1	18966	18966	18966
ccimd	Coal Coke Imports Average Price, United States (per MMBtu)	1	1	3.80E+00	3.8	3.80E+00

ccimp	Coal Coke Imported into The United States (k tons)	1	1	7.65E+02	765	7.65E+02
ccimv	Coal Coke Imports Expenditures, United States (MM\$)	1	1	72.1	72.1	72.1
ccnib	Coal Coke Net Imports into The United States (BBtu)	1	1	4778	4778	4778
ccnip	Coal Coke Net Imports into The United States (k tons)	1	1	1.93E+02	193	1.93E+02
ccniv	Coal Coke Net Imports Expenditures, United States (MM\$)	1	1	22	22	2.20E+01
census_d	U.S. Census Division (Numeric)	311	1	6	6	6
census_div	U.S. Census Division Name	73	1	.	.	.
census_r	U.S. Census Region (Numeric)	73	1	3	3	3
census_reg	U.S. Census Region Name	73	1	.	.	.
clacb	Coal Consumed in Transport Sector (BBtu)	54	19	95.66667	0	1595
clacd	Coal Price in Transport Sector (\$ per MMBtu)	44	9	0.1447727	0	1.3
clack	Factor Converting Coal Consumed by Transport Sector from Physical Units to Btu	53	39	18.24025	0	24.936
clacp	Coal Consumed in Transport Sector (k tons)	54	12	3.925926	0	64
clacv	Coal Expenditures in Transport Sector (MM\$)	44	2	0.0022727	0	0.1
clccb	Coal Consumed in Commercial Sector (BBtu)	54	54	5365.667	416	14285
clccd	Coal Price in Commercial Sector (\$ per MMBtu)	44	34	1.974318	0.39	4.82
clccp	Coal Consumed in Commercial Sector (k tons)	54	49	221.537	15	597
clccv	Coal Expenditures in Commercial Sector (MM\$)	44	40	8.618182	1.8	21.4
cldekyal	Coal Deliveries from EKY to AL (Tons)	31	31	977279.8	12616	3891658
cldekyct	Coal Deliveries from EKY to CT (Tons)	18	18	637789.8	23589	954000
cldekydc	Coal Deliveries from EKY to DC (Tons)	1	1	32000	32000	32000
cldekyde	Coal Deliveries from EKY to DE (Tons)	25	25	179852.5	9950	757267
cldekyfl	Coal Deliveries from EKY to FL (Tons)	32	32	7563189	1960327	1.08E+07
cldekyga	Coal Deliveries from EKY to GA (Tons)	32	32	1.28E+07	3420972	1.75E+07
cldekyia	Coal Deliveries from EKY to IA (Tons)	12	12	2745.333	68	9864
cldekyil	Coal Deliveries from EKY to IL (Tons)	21	21	1057304	3111	2323230
cldekyin	Coal Deliveries from EKY to IN (Tons)	30	30	722460.1	2000	1846410
cldekyky	Coal Deliveries from EKY to KY (Tons)	32	32	6896696	1624410	9811800
cldekyla	Coal Deliveries from EKY to LA (Tons)	4	4	18645.5	186	38166
cldekyma	Coal Deliveries from EKY to MA (Tons)	20	20	238554.9	100	716868
cldekynd	Coal Deliveries from EKY to MD (Tons)	30	30	394783.9	10232	953000
cldekyne	Coal Deliveries from EKY to ME (Tons)	2	2	54000	12222	95778
cldekynd	Coal Deliveries from EKY to MI (Tons)	32	32	5687374	1482151	1.13E+07
cldekynd	Coal Deliveries from EKY to MN (Tons)	15	15	20527.93	100	63000

cldekymo	Coal Deliveries from EKY to MO (Tons)	24	24	42255.13	1440	138000
cldekylms	Coal Deliveries from EKY to MS (Tons)	32	32	1018061	12008	2660790
cldekync	Coal Deliveries from EKY to NC (Tons)	32	32	9420552	2420834	1.57E+07
cldekynh	Coal Deliveries from EKY to NH (Tons)	4	4	28077.5	510	80100
cldekynj	Coal Deliveries from EKY to NJ (Tons)	22	22	102263	500	436300
cldekyny	Coal Deliveries from EKY to NY (Tons)	29	29	356920.2	7437	1191400
cldekyoh	Coal Deliveries from EKY to OH (Tons)	32	32	7025250	89372	1.14E+07
cldekypa	Coal Deliveries from EKY to PA (Tons)	16	16	115327.3	4002	501276
cldekysc	Coal Deliveries from EKY to SC (Tons)	32	32	9171752	3212963	1.29E+07
cldekytn	Coal Deliveries from EKY to TN (Tons)	32	32	4818004	904242	8071197
cldekyva	Coal Deliveries from EKY to VA (Tons)	32	32	3393617	1799991	6713576
cldekywi	Coal Deliveries from EKY to WI (Tons)	27	27	162503.7	494	841200
cldekywv	Coal Deliveries from EKY to WV (Tons)	31	31	860526.5	32300	1999290
cldimports	Annual Imports of Coal into Kentucky (Tons)	32	32	1.10E+07	3501033	1.64E+07
cldtalky	Coal Deliveries from AL to KY (Tons)	2	2	59717.5	36522	82913
cldtcoky	Coal Deliveries from CO to KY (Tons)	22	22	2377062	297601	3367960
cldtilky	Coal Deliveries from IL to KY (Tons)	30	30	859666.9	7200	4072588
cldtinky	Coal Deliveries from IN to KY (Tons)	32	32	2169739	1002671	4411821
cldtksky	Coal Deliveries from KS to KY (Tons)	1	1	4564	4564	4564
cldtkyal	Coal Deliveries from KY to AL (Tons)	32	32	2832718	815726	6124982
cldtkyct	Coal Deliveries from KY to CT (Tons)	18	18	637789.8	23589	9.54E+05
cldtkydc	Coal Deliveries from KY to DC (Tons)	1	1	32000	32000	32000
cldtkyde	Coal Deliveries from KY to DE (Tons)	25	25	1.80E+05	9.95E+03	7.57E+05
cldtkyfl	Coal Deliveries from KY to FL (Tons)	32	32	1.18E+07	8161229	1.53E+07
cldtkyga	Coal Deliveries from KY to GA (Tons)	32	32	1.36E+07	3957344	1.75E+07
cldtkyia	Coal Deliveries from KY to IA (Tons)	21	21	48232.9	320	195049
cldtkyil	Coal Deliveries from KY to IL (Tons)	31	31	907819.8	149	3177293
cldtkyin	Coal Deliveries from KY to IN (Tons)	32	32	2086707	74077	4737780
cldtkyla	Coal Deliveries from KY to LA (Tons)	5	5	47907	186	164953
cldtkyma	Coal Deliveries from KY to MA (Tons)	20	20	238987.9	100	716868
cldtkymd	Coal Deliveries from KY to MD (Tons)	30	30	395350.5	10232	970000
cldtkyme	Coal Deliveries from KY to ME (Tons)	2	2	54000	12222	95778
cldtkymi	Coal Deliveries from KY to MI (Tons)	32	32	5707842	1482151	1.14E+07
cldtkymn	Coal Deliveries from KY to MN (Tons)	15	15	20621.27	100	63000

cldtkymo	Coal Deliveries from KY to MO (Tons)	26	26	232841.5	12200	1065580
cldtkyms	Coal Deliveries from KY to MS (Tons)	32	32	1207696	12008	3482170
cldtkync	Coal Deliveries from KY to NC (Tons)	32	32	9461058	2853330	1.57E+07
cldtkynh	Coal Deliveries from KY to NH (Tons)	4	4	28077.5	510	80100
cldtkynj	Coal Deliveries from KY to NJ (Tons)	23	23	98034.13	500	436300
cldtkyny	Coal Deliveries from KY to NY (Tons)	29	29	357955.2	7437	1191400
cldtkyoh	Coal Deliveries from KY to OH (Tons)	32	32	7816117	2668236	1.28E+07
cldtkypa	Coal Deliveries from KY to PA (Tons)	20	20	163135	4002	625311
cldtkyisc	Coal Deliveries from KY to SC (Tons)	32	32	9346997	3212963	1.34E+07
cldtkytn	Coal Deliveries from KY to TN (Tons)	32	32	1.08E+07	2572793	1.64E+07
cldtkyva	Coal Deliveries from KY to VA (Tons)	32	32	3442277	2021600	6713576
cldtkywi	Coal Deliveries from KY to WI (Tons)	30	30	370739.6	494	2538820
cldtkywv	Coal Deliveries from KY to WV (Tons)	31	31	1.02E+06	32300	3.23E+06
cldtohky	Coal Deliveries from OH to KY (Tons)	32	32	780793.9	52613	2735194
cldtpaky	Coal Deliveries from PA to KY (Tons)	27	27	194433.5	3063	700221
cldttnky	Coal Deliveries from TN to KY (Tons)	24	24	174883.4	711	625900
cldtutky	Coal Deliveries from UT to KY (Tons)	15	15	136310.3	11188	459886
cldtvaky	Coal Deliveries from VA to KY (Tons)	6	6	33694.5	1526	87082
cldtwvky	Coal Deliveries from WV to KY (Tons)	32	32	4093435	505978	8223030
cldtwyky	Coal Deliveries from WY to KY (Tons)	23	23	1295182	22270	3088186
cldwkyal	Coal Deliveries from WKY to AL (Tons)	32	32	1885978	645523	3.07E+06
cldwkyfl	Coal Deliveries from WKY to FL (Tons)	32	32	4274076	1998540	7039678
cldwkyga	Coal Deliveries from WKY to GA (Tons)	23	23	1218970	11000	3711500
cldwkyia	Coal Deliveries from WKY to IA (Tons)	16	16	61246.69	3077	190298
cldwkyil	Coal Deliveries from WKY to IL (Tons)	26	26	2.28E+05	149	8.93E+05
cldwkyin	Coal Deliveries from WKY to IN (Tons)	32	32	1409401	9400	3823600
cldwkyky	Coal Deliveries from WKY to KY (Tons)	32	32	1.74E+07	1.09E+07	2.32E+07
cldwkyla	Coal Deliveries from WKY to LA (Tons)	1	1	164953	164953	164953
cldwkyma	Coal Deliveries from WKY to MA (Tons)	1	1	8.66E+03	8660	8.66E+03
cldwkymd	Coal Deliveries from WKY to MD (Tons)	2	2	8500	0	17000
cldwkymi	Coal Deliveries from WKY to MI (Tons)	11	11	59541.91	891	280500
cldwkymn	Coal Deliveries from WKY to MN (Tons)	1	1	1400	1400	1400
cldwkymo	Coal Deliveries from WKY to MO (Tons)	18	18	279986.4	400	1042800
cldwkyms	Coal Deliveries from WKY to MS (Tons)	20	20	303415	3000	1003475

cldwkync	Coal Deliveries from WKY to NC (Tons)	12	12	108013.8	230	731715
cldwkynj	Coal Deliveries from WKY to NJ (Tons)	1	1	5000	5000	5000
cldwkyny	Coal Deliveries from WKY to NY (Tons)	1	1	30014	30014	30014
cldwkyyoh	Coal Deliveries from WKY to OH (Tons)	32	32	790311	1600	3285073
cldwkypa	Coal Deliveries from WKY to PA (Tons)	8	8	177182.9	441	625311
cldwkysc	Coal Deliveries from WKY to SC (Tons)	28	28	189337.4	8870	587127
cldwkymn	Coal Deliveries from WKY to TN (Tons)	32	32	5945072	1267428	1.06E+07
cldwkyyva	Coal Deliveries from WKY to VA (Tons)	8	8	194640	0	1340453
cldwkyywi	Coal Deliveries from WKY to WI (Tons)	14	14	481041.9	2859	2155662
cldwkyywv	Coal Deliveries from WKY to WV (Tons)	13	13	372315.1	7321	1556094
cleib	Coal Consumed in Electric Power Sector (BBtu)	54	54	643860.8	171500	9.66E+05
cleid	Coal Price in Electric Power Sector (\$ per MMBtu)	44	37	1.263409	0.21	2.42
cleid_r	Real 2010 Coal Price In The Electric Power Sector (per MMBtu)	44	44	2.157988	1.1802	3.712303
cleik	Factor Converting Coal Consumed by Electric Sector from Physical Units to Btu	53	53	22.74681	21.405	23.364
cleip	Coal Consumed in Electric Power Sector (k tons)	54	54	28256.07	7466	42543
cleip_ip	Predicted cleip where $cleip_ip = (egclp * 0000596) - 6325172 + cleip_ip_fe$	23	23	35947.01	-12565.08	42040.8
cleiv	Coal Expenditures in Electric Power Sector (MM\$)	44	44	9.86E+02	87.4	2.25E+03
clekunk	Unknown/Industrial EKY Coal Production (Tons)	20	20	2.55E+07	4718160	4.58E+07
clhck	Factor Converting Coal Consumed by Res & Com Sectors from Physical Units to Bt	53	53	24.4924	22.84	27.393
clicb	Coal Consumed in Industrial Sector (BBtu)	54	54	78597.93	27797	125343
clicd	Coal Price in Industrial Sector (MM\$)	44	35	1.99E+00	4.10E-01	4.46E+00
clicp	Coal Consumed in Industrial Sector (k tons)	54	53	3098.981	1073	4969
clicv	Coal Expenditures in Industrial Sector (MM\$)	44	44	128.8795	40.2	212.9
clkcb	Coal Consumed At Coke Plants (BBtu)	54	53	31482.11	0	51448
clkcd	Coal Price At Coke Plants (\$ per MMBtu)	44	35	1.985682	0	6.63
clkck	Factor Converting Coal Carbonized at Coke Plants from Physical Units to Btu	53	17	26.28981	0	27.426
clkcp	Coal Consumed At Coke Plants (k tons)	54	52	1174.13	0	1920
clkcv	Coal Expenditures At Coke Plants (MM\$)	44	43	52.34091	0	110.2
clocb	Coal Consumed by Industrial Users Other Than Coke Plants (BBtu)	54	54	4.71E+04	2.63E+04	7.77E+04
clocd	Coal Price in Industrial Sector Other Than Coke Plants (\$ perMMI	44	34	1.888636	0.39	3.92
clock	Factor Converting Coal Consumed by Industrial users Other than Coke Plants	53	52	24.62779	22.532	26.732
clocp	Coal Consumed by Industrial Users Other Than Coke Plants (k tons)	54	54	1924.833	1026	3191
clocv	Coal Expenditures in Industrial Sector Other Than Coke Plants(MM\$)	44	43	76.54318	20.1	127.6
closb	Coal Consumed in Industrial Sector Excluding Refinery Fuel (BBtu)	43	43	43328.33	26325	62672

clpcoe	County Coal Mine On-Site Office Employment	14	14	53.07143	27	92
clpcol	County Coal Mine Office Labor Hours	12	12	96973.67	56856	184877
clpcpe	County Coal Preparation Plant Employment	14	13	104.7857	48	160
clpcpl	County Coal Preparation Plant Labor Hours	9	9	284563.2	206849	381692
clpcse	County Surface Mining Employment	14	14	203.8571	118	340
clpcsl	County Surface Coal Mine Labor Hours	5	5	378879.4	234676	455094
clpcsp	County Surface Coal Production (Tons)	5	5	1002701	533299	1387185
clpcsy	County Surface Coal Mining Productivity (Tons per Labor Hour)	5	5	2.585689	2.232366	3.048129
clpcte	County Coal Mining Employment	14	14	540.6429	352	833
clpctl	County Coal Mine Labor Hours	14	14	1164445	708776	1644162
clpctp	County Coal Production (Tons)	14	14	2062353	1094525	3149065
clpcty	County Coal Mining Productivity (Tons per Labor Hour)	14	14	1.789217	1.116908	2.449116
clpcue	County Underground Coal Mining Employment	14	14	1.79E+02	96	3.26E+02
clpeoe	Eastern Kentucky Annual On-Site Office Employment	14	14	505.1429	285	639
clpeol	Eastern Kentucky Annual On-Site Office Labor Hours	14	14	1105650	677344	1340684
clpepe	Eastern Kentucky Annual Preparation Plant Employment	14	14	1473.929	952	1690
clpepl	Eastern Kentucky Annual Preparation Plant Labor Hours	14	14	3638450	2486088	4164419
clpese	Eastern Kentucky Annual Surface Employment	35	35	6708.314	2771	13473
clpesl	Eastern Kentucky Annual Surface Labor Hours	14	14	1.09E+07	7008427	1.38E+07
clpesp	Eastern Kentucky Annual Surface Production (Tons)	54	54	3.80E+07	4684438	5.58E+07
clpesy	Eastern Kentucky Surface Mining Productivity	14	14	3.585171	2.712468	5.06E+00
clpete	Eastern Kentucky Annual Coal Employment	73	73	27603.11	7332	66410
clpetl	Eastern Kentucky Annual Coal Labor Hours	14	14	3.02E+07	1.88E+07	3.52E+07
clpetp	Eastern Kentucky Annual Coal Production (Tons)	226	208	2.97E+07	0	1.31E+08
clpety	Eastern Kentucky Total Mining Productivity	14	14	2.748589	1.978873	3.800727
clpeue	Eastern Kentucky Annual Underground Employment	35	35	1.21E+04	3324	2.40E+04
clpeul	Eastern Kentucky Annual Underground Labor Hours	14	14	1.46E+07	8651591	1.65E+07
clpeulh	EKY Underground Labor Hours	21	13	1.21E+07	0	2.31E+07
clpeup	Eastern Kentucky Annual Underground Production (Tons)	54	54	5.18E+07	1.96E+07	8.16E+07
clpeuy	Eastern Kentucky Underground Mining Productivity	14	14	3.03E+00	2.025907	4.22E+00
clprb	Coal Production (BBtu)	54	54	3150737	1493944	4.41E+06
clprb_ip	Predicted Value of Coal Production Where Unknown	52	52	3446199	1681057	4.62E+06
clprk	Conversion Factor Coal Production (MMBtu per short ton)	54	53	24.56867	23.674	25.534
clprp	Coal Production (k tons)	54	54	127656.4	63032	173322

clprp_ip	Estimated Coal Production (Tons)	12	12	1.19E+08	1.05E+08	1.35E+08
clprp_ky_p	Kentucky Coal Production as a Percentage of US Total	52	52	15.94445	9.679371	22.49054
clpstp	Coal Production by State (Tons)	13	13	1.16E+08	9.14E+07	1.35E+08
clptoe	Total Kentucky Annual On-SiteOffice Employment	15	15	583.4667	376	744
clptpe	Total Kentucky Annual Preparatin Plant Employment	15	15	1839.667	1437	2083
clptse	Total Kentucky Annual Surface Employment	36	36	8198.167	3114	17529
clptsl	Total Kentucky Annual Surface Labor Hours	14	14	1.22E+07	8277185	1.49E+07
clptsp	Total Kentucky Annual Surface Production (Tons)	56	56	5.42E+07	4516788	8.33E+07
clptsy	Kentucky Total Surface Mining Productivity	14	14	3.689526	2.987077	4.992062
clptte	Total Kentucky Annual Coal Employment	92	89	35685.98	0	75707
clpttl	Total Kentucky Annual Coal Labor Hours	14	14	3.82E+07	2.97E+07	4.47E+07
clpttp	Annual Coal Production	225	212	4.29E+07	0	1.73E+08
clpttp_p	Percentage of Total U.S. Coal Production	54	54	0.1567666	0.0821284	0.2249053
clptty	Kentucky Total Coal Mining Productivity	14	14	3.004704	2.43706	3.899642
clptue	Total Kentucky Annual Underground Employment	36	36	15263.31	6611	30581
clptul	Total Kentucky Annual Underground Labor Hours	14	14	2.01E+07	1.68E+07	2.37E+07
clptup	Total Kentucky Annual Underground Production (Tons)	56	56	7.19E+07	1.22E+07	1.09E+08
clptuy	Kentucky Total Underground Mining Productivity	14	14	3.473461	2.751664	4.445041
clpwoe	Western Kentucky Annual On-Site Office Employment	14	12	91.5	82	109
clpwol	Western Kentucky Annual On-Site Office Labor Hours	14	14	2.06E+05	1.83E+05	2.47E+05
clpwpe	Western Kentucky Annual Preparation Plant Employment	14	14	392.2857	249	565
clpwpl	Western Kentucky Annual Preparation Plant Labor Hours	14	14	9.10E+05	6.16E+05	1.27E+06
clpwse	Western Kentucky Annual Surface Employment	35	35	1631.571	346	4343
clpwsl	Western Kentucky Annual Surface Labor Hours	14	14	1.25E+06	8.91E+05	1.87E+06
clpwsp	Western Kentucky Annual Surface Production (Tons)	54	54	1.77E+07	3.41E+06	3.38E+07
clpwsy	Western Kentucky Surface Mining Productivity	14	14	4.472896	3.771766	5.142998
clpwte	Western Kentucky Annual Coal Employment	73	72	6864.329	2177	15764
clpwtl	Western Kentucky Annual Coal Labor Hours	14	14	7.95E+06	5307276	1.13E+07
clpwtp	Western Kentucky Annual Coal Production (Tons)	219	194	1.36E+07	0	5.60E+07
clpwty	Western Kentucky Total Mining Productivity	14	14	3.88E+00	3.60E+00	4.36E+00
clpwue	Western Kentucky Annual Underground Employment	35	35	3.43E+03	1.43E+03	7.88E+03
clpwul	Western Kentucky Annual Underground Labor Hours	14	14	5587712	3417193	8236953
clpwulh	WKY Underground Labor Hours	21	13	3568219	0	9280072
clpwup	Western Kentucky Annual Underground Production (Tons)	54	54	2.15E+07	1.16E+07	3.50E+07

clpwuy	Western Kentucky Underground Mining Productivity	14	14	4.54866	3.993498	5.273079
clrcb	Coal Consumed in Residential Sector (BBtu)	54	49	2.79E+03	0	1.22E+04
clrcd	Coal Price in Residential Sector (\$ per MMBtu)	44	35	1.932273	0	4.06
clrcp	Coal Consumed in Residential Sector (k tons)	54	45	1.16E+02	0.00E+00	5.01E+02
clrcv	Coal Expenditures in Residential Sector (MM\$)	44	30	2.73E+00	0.00E+00	8.00E+00
clrfb	Coal Consumed As Refinery Fuel (BBtu)	43	24	41.55814	0	817
cltcb	Coal Total Consumption (BBtu)	56	55	704610.3	0	1.02E+06
cltcd	Coal Average Price, All Sectors (\$ per MMBtu)	44	40	1.32E+00	2.70E-01	2.47E+00
cltcp	Coal Total Consumption (k tons)	54	53	31696.09	12010	44457
cltcv	Coal Total Expenditures (MM\$)	44	44	1126.584	139.9	2466.4
cltxb	Coal total end-use consumption (BBtu)	54	54	86846.07	28213	139638
cltxd	Coal average price, all end-use sectors (\$ per MMBtu)	44	33	1.997955	0.43	4.45
cltxp	Coal total end-use consumption.	54	54	3440.074	1088	5560
cltxv	Coal Total End-Use Expenditures (MM\$)	44	44	140.2341	45.5	217.9
clxcd	Coal Average Price for All Sectors Excluding Refinery Fuel (\$ per MMBtu)	44	37	1.300909	0.26	2.47
clxcv	Coal Expenditures for All Sectors Excluding Refinery Fuel (MM\$)	44	44	1074.255	123.5	2381.1
co2	CO2 Emissions from Fossil Fuel Combustion (MM Metric tons)	21	21	141.7688	118.9773	156.5832
co2_com	CO2 Emissions from the Commercial Sector (MM Metric tons) (EPA)	25	22	2.442127	0	3.442854
co2_egtep_rk	Rank of CO2 Emissions per Megawatt Hour of Electricity Generation (DEDI)	71	40	24.22535	3	51
co2_ep	CO2 Emissions from Total Electric Power Industry (Tons) (CAMD)	20	20	9.90E+07	9.23E+07	1.05E+08
co2_ep_17_p2	Forecasted CO2 Emissions by State with 0.17 Mass Reduction from 2005	89	9	83.65152	83.14473	93.16801
co2_ep_coal	CO2 Emissions from Coal Combustion to Electricity (Metric Tons)	20	20	8.13E+07	6.66E+07	9.01E+07
co2_ep_epa	CO2 Emissions from the Electrical Power Sector (MM MetricTons CO2) (EPA)	18	18	81.5	66.09	93
co2_ep_gdprv	Metric Tons of CO2 from Electrical Power Sector per MM\$ of GDP	18	18	0.7832809	0.6061841	0.978995
co2_ep_gdprx	Metric Tons of CO2 from Electrical Power Sector per MM\$ of Real GDP	18	18	0.7669514	0.7257823	0.8594787
co2_ep_geo	CO2 Emissions from Geothermal to Electricity (Metric Tons)	2	2	3.60E+05	3.37E+05	3.84E+05
co2_ep_lbs	CO2 Emissions from Total Electric Power Industry (lb.) (CAMD)	19	19	1.99E+11	1.85E+11	2.09E+11
co2_ep_ng	CO2 Emissions from NG to Electricity (Metric tons)	20	20	4.21E+05	12306	1.26E+06
co2_ep_obm	CO2 Emissions from Other Biomass Electricity Generation (Metric Tons)	15	1	0	0	0
co2_ep_og	CO2 Emissions from Electricity Generation with Other Gases (Metric Tons)	13	9	1256.385	0	3330
co2_ep_petro	CO2 Emissions from Petroleum Electricity Generation (Metric Tons)	20	20	1504944	83476	4.17E+06
co2_ep_wood	CO2 Emissions from Woody Biomass Electricity Generation (Metric Tons)	15	1	0	0	0
co2_gdp	Total CO2 Emissions per MM\$ of GDP	18	18	0.0013624	1.03E-03	0.001738
co2_gdpr	Total CO2 Emissions per MM\$ of Real GDP	18	18	0.0012761	0.001088	0.0015728

co2_gdprv	Metric Tons of Total CO2 Emissions per MM\$ of GDP	18	18	1.372243	1.030908	1.761273
co2_gdprx	Metric Tons of Total CO2 Emissions per MM\$ of GDP	18	18	1.341109	1.234344	1.517666
co2_ind	CO2 Emissions from the Industrial Sector (MM Metric tons) (EPA)	25	22	17.67444	0	24.44765
co2_kwh	CO2 Emissions Rate (lbs per kwh)	19	19	2.31066	2.200259	2.46507
co2_lbs	CO2 Emissions for Electricity Genration (lbs)	19	19	1.82E+11	1.45E+11	2.20E+11
co2_pc	Per Captia Carbon Dioxide Emissions	21	21	3.52E-05	3.20E-05	0.0000371
co2_res	CO2 Emissions from the Residential Sector (MM Metric tons) (EPA)	25	22	3.55425	0	5.132287
co2_s_com	CO2 Emissions from the Commercial Sector (MM\$) Metric Tons CO2) (EPA)	18	17	2.987778	2.46	3.44
co2_s_ind	CO2 Emissions from the Industrial Sector (MM\$) Metric Tons CO2) (EPA)	18	17	22.86778	19.84	25.39
co2_s_res	CO2 Emissions from the Residential Sector (MM\$) Metric Tons CO2) (EPA)	18	18	4.284445	3.22	5.09E+00
co2_s_trans	CO2 Emissions from the Transportation Sector (MM\$) Metric Tons CO2) (EPA)	18	18	30.49833	26.29	34.57
co2_trans	CO2 Emissions from the Transport Sector (MM Metric tons) (EPA)	25	22	25.94263	0	34.97651
co2fbc	Carbon Dioxide Emissions from Total Electrical Power Industry Forecast Basecase	1	1	8.93E+07	8.93E+07	8.93E+07
co2i	Intensity of CO2 Emissions from the Electrical Power Sector (CO2_ep/estcp)	19	19	2126.97	2041.788	2321.719
co2z	Z-Score of Carbon Dioxide Emissions from the Electrical Power Industry	18	18	3.31E-09	-1.840956	1.377068
coal	Coal Percentage	111	26	0.2114257	0	0.9683567
coicb	Crude Oil Consumed in Industrial Sector (BBtu)	54	1	0	0	0
coicp	Crude Oil Consumed in Industrial Sector (Mbbbl)	54	1	0	0	0
coprk	Factor Converting Crude Oil Production from Physical Units to Btu (MMBtu)	54	1	5.8	5.8	5.8
cotcp	Kentucky Price of Crude Oil	32	32	28.60469	11.67	90.87
cow	Kentucky Oil Wells (Count)	1	1	18343	18343	18343
cpi_1967	Consumer Price Index (US City Average, 1967=100) (BLS)	60	60	289.0769	77.8	653.198
cpi_1982_84	Consumer Price Index (US City Average, 1982-84=100) (BLS)	102	95	71.86471	9.9	2.37E+02
cpi_1983	Consumer Price Index (US City Average, 1982-84=100) (BLS)	62	62	100.721	26	229.594
cpi_2005	Consumer Price Index (US Average, 2005 Base Year)	60	60	49.41234	13.31285	111.6518
cpi_2010	Consumer Price Index (US Average, 2010 Base Year)	102	95	32.957	4.540118	108.7207
cpi_2012	Consumer Price Index (US Average, 2012 Base Year)	62	62	43.86916	11.32434	100
cpi_2014	Consumer Price Index (US Average, 2014 Base Year)	102	95	30.31345	4.175946	100
crp_kgs_bl	Crude Oil Production (Barrels) from KGS	33	33	4566603	2170807	7975901
crprd_kgs	Crude Oil Production (MM\$) Barrels) from KGS	51	40	7.71791	2.2	21.14284
crrsvs	Crude Oil Proved Reserves (MM\$)s of Barrels)	32	18	28.34375	17	42
dfacb	Distillate Fuel Oil Consumed in Transport Sector (BBtu)	54	54	83130.06	11828	159572
dfacd	Distillate Fuel Oil Price in Transport Sector (\$ per MMBtu)	44	41	9.809091	1.4	28.41
dfacp	Distillate Fuel Oil Consumed in Transport Sector (Mbbbl)	54	54	14302.31	2031	27584

dfacv	Distillate Fuel Oil Expenditures in Transport Sector (MM\$)	44	44	1161.798	35.8	3766.3
dfagcp	Distillate Fuel Oil Consumed in Agricultural Sector (Mbbbl)	25	25	932.4419	578.7619	1361.571
dfccb	Distillate Fuel Oil Consumed in Commercial Sector (BBtu)	54	54	5250.741	1911	15332
dfccd	Distillate Fuel Oil Price in Commercial Sector (\$ per MMBtu)	44	44	7.717045	1.02	24.86
dfccp	Distillate Fuel Oil Consumed in Commercial Sector (Mbbbl)	54	54	9.02E+02	331	2.63E+03
dfccv	Distillate Fuel Oil Expenditures in Commercial Sector (MM\$)	44	43	35.6	4.6	99.6
dfeib	Distillate Fuel Oil Consumption for Electrical Power MMBtu	54	48	972.7593	1	1949
dfeid	Distillate Fuel Oil Price in Electric Power Sector (\$ per MMBtu)	44	43	7.341591	0.81	23.11
dfeid_r	Distillate Fuel Oil Price in Electric Power Sector (2010 \$ per MMBtu)	42	42	0.0000503	8.72E-06	0.0001414
dfeip	Distillate Fuel Oil Consumption (Mbbbl)	54	40	167.2407	0	335
dfeiv	Distillate Fuel Oil Expenditures in Electric Power Sector (MM\$)	44	38	10.07955	0	33.2
dficb	Distillate Fuel Oil Consumed in Industrial Sector (BBtu)	54	54	26119.13	7469	38857
dficd	Distillate Fuel Oil Price in Industrial Sector (\$ per MMBtu)	44	42	7.99E+00	7.30E-01	2.57E+01
dficp	Distillate Fuel Oil Consumed in Industrial Sector (Mbbbl)	54	54	4491.5	1282	6727
dficv	Distillate Fuel Oil Expenditures in Industrial Sector (MM\$)	44	44	252.7864	8.9	989.8
dfisb	Distillate Fuel Oil Consumed in Industrial Sector Excluding Refinery Fuel (BBtu)	43	43	29500.77	12103	39186
dfoavg	Diesel Average Retail Price (\$ US per Gallon)	17	17	1.835647	1.023	3.758
dfoavg_ip	Predicted Price of Diesel Fuel (\$ per gal.)	39	39	1.168888	0.3218242	3.764843
dfrcb	Distillate Fuel Oil Consumed in Residential Sector (BBtu)	54	54	2957.981	463	5529
dfrcd	Distillate Fuel Oil Price in Residential Sector (\$ per MMBtu)	44	44	9.049318	1.19	28.23
dfrcp	Distillate Fuel Oil Consumed in Residential Sector (Mbbbl)	54	53	508.1296	80	949
dfrcv	Distillate Fuel Oil Expenditures in Residential Sector (MM\$)	44	40	23.03864	2.6	42.7
dfrfb	Distillate Fuel Oil Consumed As Refinery Fuel (BBtu)	43	31	42.48837	0	133
dftcb	Distillate Fuel Oil Total Consumption (BBtu)	54	54	118430.4	25918	196799
dftcd	Distillate Fuel Oil Average Price, All Sectors (\$ per MMBtu)	44	43	9.319545	1.18	27.77
dftcp	Distillate Fuel Oil Total Consumption (Mbbbl)	54	54	20371.43	4450	33820
dftcv	Distillate Fuel Oil Total Expenditures (MM\$)	44	44	1483.291	53.7	4886.8
dftxb	Distillate fuel oil total end-use consumption (BBtu)	54	54	117457.8	25917	194850
dftxd	Distillate Fuel Oil Average price, All End-Use Sectors (\$ per MMBtu)	44	44	9.338409	1.19	27.81
dftxp	Distillate Fuel Oil Total End-Use Consumption (Mbbbl)	54	54	20204.07	4449	33485
dftxv	Distillate Fuel Oil Total End-Use expenditure (MM\$)	44	44	1473.2	53.7	4853.6
dkeib	Distillate Fuel Oil and Kerosene Jet Fuel Consumed in Electric Power Sector	54	48	972.7593	1	1949
dkeid	Distillate Fuel Oil and Kerosene Jet Fuel Mean Price in Electric Power Sector	44	43	7.341591	0.81	23.11
dkeip	Distillate Fuel Oil and Kerosene Jet Fuel Consumed in Electric Power Sector	54	40	167.2407	0	335

dkeiv	Fuel Oil and Kerosene-Type Jet Fuel Expenditures in Electric Power (MM\$)	44	38	10.07955	0	33.2
edadm	Percentage of Population with an Advanced Degree or More	7	7	7.582743	5.5	8.5
edadm_ip	Interpolated Values of Percentage of Population with an Advanced Degree or More	21	21	6.975411	5.5	8.5
edbdm	Percentage of Population with a Bachelor Degree or More	12	11	13.50212	2.982805	21
edbdm_ip	Interpolated Values of Percentage of Population with a Bachelor Degree or More	71	70	10.02283	2.982805	21
edenl	Total Enrollment in Degree-Granting Institutions	10	10	218653.8	98591	2.91E+05
edenl_ip	Interpolated Values of Total Enrollment in Degree-Granting Institutions	41	41	176405.2	98591	2.91E+05
edhsm	Percentage of Population with a High School Degree or More	12	12	58.37657	15.65421	81.9
edhsm_ip	Interpolated Values of Percent of Population with a High School Degree or More	71	71	47.10018	15.65421	81.9
edind	Education Index ((edbdm+edhsm)/2)	71	71	28.56151	9.31851	51.35
egbmp	Biomass Electricity Generation (mWh)	206	21	25805.34	0	4.66E+05
egbmp_p	Percentage of Electricity Portfolio from All Biomass	111	21	0.0005061	0.00E+00	0.0050816
egclp	Coal Electricity Generation (mWh)	206	26	1.03E+07	0	9.17E+07
egclp_p	Percentage of Electricity Portfolio from Coal	111	26	0.2114257	0	0.9683567
eggep	Geothermal Electricity Generation	206	1	0	0	0.00E+00
eghyp	Hydroelectric Generation (mWh)	206	26	380618.4	0	4.02E+06
eghyp_p	Percentage of Electricity Portfolio from Hydroelectricity	111	26	0.0079127	0	0.0487029
egngp	NG Electricity Generation (MWh)	206	26	105376.4	0	2.97E+06
egngp_p	Percentage of Electricity Portfolio from Natural Gas	111	26	0.0020861	0.00E+00	0.0330889
egnup	Nuclear Electricity Generation (mWh)	206	1	0	0	0.00E+00
egnup_p	Percentage of Electricity Portfolio from Nuclear Power	111	1	0	0	0
egobmp	Electricity Generation from Other (Non-Woody) Biomass (mWh)	206	13	4.87E+03	0	1.09E+05
egorep	Other Renewable Electricity Generation	206	21	25805.34	0	4.66E+05
egorep_p	Percentage of Electricity Portfolio from Other Renewables	25	21	2.25E-03	0	5.08E-03
egotp	Electricity Generation from Other or Unknown Sources (mWh)	206	13	989.4825	0	4.99E+04
egpap	Electricity Generation from Petroleum (mWh)	206	26	166571	0	3.68E+06
egpap_p	Percentage of Electricity Portfolio from Petroleum	111	26	0.0032726	0	0.0383064
egpsp	Pumped Storage Electricity Generation	206	1	0.00E+00	0.00E+00	0.00E+00
egrep	Renewable Electricity Generation (MWh)	206	26	406423.7	0	4.39E+06
egrep_p	Percentage of Electricity Portfolio from All Renewables	111	1	0.00E+00	0	0.00E+00
egsfp	Electricity Generation from Supplemental Gaseous Fuels (mWh)	206	10	144.7573	0	4.99E+03
egsop	Solar Electricity Generation	206	1	0	0	0.00E+00
egsop_g	Solar Generation (Gwh)	206	1	0	0	0
egsop_p	Percentage of Electricity Portfolio from Solar	111	1	0.00E+00	0.00E+00	0

egtep	Electricity Generation Total (mWh)	206	26	1.10E+07	0	9.88E+07
egwdp	Electricity Generation from Wood (mWh)	206	21	20931.06	0	3.70E+05
egwdp_p	Percentage of Electricity Portfolio from Wood	111	21	4.11E-04	0.00E+00	3.98E-03
egwip	Wind Electricity Generation	19	1	0.00E+00	0.00E+00	0.00E+00
egwyp	Electricity Generation from Wind (mWh)	206	1	0	0	0.00E+00
egwyp_p	Percentage of Electricity Portfolio from Wind	111	1	0	0	0
elexb	Electricity Exported from the United States (BBtu)	54	2	0.0185185	0	1.00E+00
elexd	Electricity Exports Average Price (\$ per MMBtu)	44	2	0.3645455	0	1.60E+01
elexp	Electricity Exported from the United States (GWh)	54	1	0	0	0
elexv	Electricity Exports Expenditures (MM\$)	44	1	0	0	0
elimb	Electricity Imported Into the United States (BBtu)	54	1	0.00E+00	0	0.00E+00
elimd	Electricity Imports Average Price (\$ per MMBtu)	44	1	0	0	0
elimp	Electricity Imported Into the United States (GWh)	54	1	0	0	0
elimv	Electricity Imports Expenditures (MM\$)	44	1	0.00E+00	0	0.00E+00
elisb	Net Interstate Sales of Electricity and Associated Losses (BBtu)	54	54	-29999.69	-167202	131521
eliscg	Net Interstate Sales of Electricity and Associated Losses (GWh)	50	50	-10050.33	-48318.01	38550.01
eliscgk	Factor Converting BBtu to GWh	60	1	0.2930711	0.2930711	0.2930711
elisp	Net Interstate Flow of Electricity (GWh)	24	24	-3450.958	-11500	5673
elnib	Net Imports of Electricity Into the United States (BBtu)	54	2	-1.85E-02	-1	0.00E+00
elnip	Net Imports of Electricity Into the United States (GWh)	54	1	0	0	0
elnitp	Net Interstate Trade of Electricity (MM\$) kilowatt-hours)	20	20	4.52E+03	-3.89E+03	1.15E+04
emacb	Fuel Ethanol, Excluding Denaturant, Consumed by the Transport Sector	54	34	3411	0	17846
emacb_gdpr10	Fuel Ethanol Consumed by the Transport Sector per Capita (MMBtu/ \$ 2010)	51	34	24.28337	0	104.2235
emacb_pc	Fuel Ethanol Consumed by the Transport Sector per Capita (MMBtu per Capita)	54	34	0.8212936	0	4.060251
emacv	Fuel Ethanol, Excluding Denaturant, Expenditures in the Transport Sector	23	13	12.81304	0	45.7
emccb	Fuel Ethanol, Excluding Denaturant, Consumed by the Commercial Sector (BBtu)	54	20	8.50E+00	0.00E+00	6.20E+01
emccv	Fuel Ethanol, Excluding Denaturant, Expenditures in the Commercial Sector (MM\$)	23	6	0.126087	0	0.5
emfdb	Biomass Inputs (Feedstock) for the Production of Fuel Ethanol (BBtu)	54	11	8.39E+02	0	5.09E+03
emicb	Fuel Ethanol, Excluding Denaturant, Consumed by the Industrial Sector	54	29	70.12963	0	422
emicv	Fuel Ethanol, Excluding Denaturant, Expenditures in the Industrial Sector	23	6	0.2391304	0	0.9
emlcb	Energy Losses and Co-Products from the Production of Fuel Ethanol	54	11	337.3148	0	2027
emp_11	Employment: Forestry, Fishing, and Related Activities (BEA)	21	21	7910.143	6730	9365
emp_113	Employment: Forestry and Logging (BEA)	21	21	974.4762	17	4143
emp_114	Employment: Fishing, Hunting, and Trapping (BEA)	13	11	560.4615	17	2423

emp_115	Employment: Agriculture and Forestry Support Activities (BEA)	21	21	7.21E+03	6.21E+03	8.35E+03
emp_21	Employment: Mining (BEA)	21	21	23289.24	18583	33877
emp_211	Employment: Oil and Gas Extraction (BEA)	21	20	8.57E+02	6.59E+02	1.13E+03
emp_212	Employment: Mining (Except Oil and Gas) (BEA)	21	21	20651.48	16458	30753
emp_213	Employment: Support Activities for Mining(BEA)	21	21	1780.714	997	3070
emp_22	Employment: Utilities(BEA)	45	45	12762.49	10510	15443
emp_23	Employment: Construction(BEA)	45	45	69923.73	48467	90957
emp_236	Employment: Construction of buildings(BEA)	21	21	18584.57	14761	20959
emp_237	Employment: Heavy and Civil Engineering Construction(BEA)	21	21	13099.19	10989	14980
emp_238	Employment: Specialty Trade Contractors(BEA)	21	21	49774.14	39209	56175
emp_31_32	Employment: Nondurable Goods Manufacturing(BEA)	23	23	105454.8	84077	123685
emp_31_33	Employment: Manufacturing(BEA)	45	45	270688.1	209255	3.17E+05
emp_311	Employment: Food Manufacturing(BEA)	21	20	21603.71	15296	25658
emp_312	Employment: Beverage and tobacco Product Manufacturing(BEA)	21	20	7419.905	5473	10087
emp_313	Employment: Textile Mills(BEA)	44	39	4587.295	0	10173
emp_313_314	Employment: Textile Mills and Textile Product Mills, BEA	48	43	5.38E+03	0	1.02E+04
emp_314	Employment: Textile Product Mills(BEA)	21	21	2601.476	2005	3188
emp_315	Employment: Apparel Manufacturing(BEA)	21	21	15908.05	2685	31667
emp_316	Employment: Leather and Allied Product Manufacturing(BEA)	21	21	936.1429	225	2039
emp_32_33	Employment: Durable Goods Manufacturing(BEA)	23	23	162914.2	124981	1.98E+05
emp_321	Employment: Wood Product Manufacturing(BEA)	48	43	10243.81	0	14918
emp_322	Employment: Paper Manufacturing(BEA)	49	45	7.89E+03	0	1.20E+04
emp_323	Employment: Printing and Related Support Activities(BEA)	21	21	14632.9	10998	16773
emp_324	Employment: Petroleum and Coal Products Manufacturing(BEA)	21	21	1707.905	1292	2946
emp_325	Employment: Chemical Manufacturing(BEA)	48	44	13098.88	0	16418
emp_326	Employment: Plastics and Rubber Products Manufacturing(BEA)	48	43	12907.5	0	19746
emp_327	Employment: Nonmetallic Mineral Product Manufacturing(BEA)	48	45	8339.042	0	11533
emp_331	Employment: Primary Metal Manufacturing(BEA)	48	44	14773.79	0	19720
emp_331_pc	per Capita Employment: Primary Metal Manufacturing(BEA)	44	44	0.0042779	0.0025485	0.0052919
emp_332	Employment: Fabricated Metal Product Manufacturing(BEA)	21	21	2.09E+04	1.68E+04	2.55E+04
emp_333	Employment: Machinery Manufacturing(BEA)	21	21	22270.43	16612	26842
emp_334	Employment: Computer and Electronic Product Manufacturing(BEA)	21	21	9465.714	6124	11684
emp_335	Employment: Electrical Equipment and Appliance Manufacturing (BEA)	21	21	14482.52	8055	22460
emp_336a	Employment: Motor Vehicles, Bodies and Trailers, and Parts Manufacturing	21	21	44181.1	27455	55499

emp_336b	Employment: Other Transport Equipment Manufacturing(BEA)	21	21	3722.905	2890	5014
emp_337	Employment: Furniture and Related Product Manufacturing(BEA)	21	21	7221.143	4180	9246
emp_339	Employment: Miscellaneous Manufacturing(BEA)	21	21	7009.571	4902	8349
emp_42	Employment: Wholesale Trade(BEA)	24	24	70491.67	60088	78245
emp_44	Employment: Retail Trade(BEA)	45	45	224164.2	149522	3.32E+05
emp_44_45	Employment: Retail Trade (BEA)	15	15	213811.1	202118	2.27E+05
emp_441	Employment: Motor Vehicle and Parts Dealers(BEA)	21	21	24855.67	21676	27124
emp_442	Employment: Furniture and Home Furnishings Stores(BEA)	21	21	6710.238	5093	7579
emp_443	Employment: Electronics and Appliance Stores(BEA)	21	20	5511.333	4604	7000
emp_444	Employment: Building Material and Garden Supply Stores(BEA)	21	21	16974.48	13202	19371
emp_445	Employment: Food and Beverage Stores(BEA)	21	20	38915.67	34150	42994
emp_446	Employment: Health and Personal Care Stores(BEA)	21	21	12838.48	10606	15999
emp_447	Employment: Gasoline Stations(BEA)	21	21	20464.48	17045	23058
emp_448	Employment: Clothing and Clothing Accessories Stores(BEA)	21	21	13993.38	12886	15441
emp_451	Employment: Sporting Goods, Hobby, Book and Music Stores(BEA)	21	21	6180.476	4858	6735
emp_452	Employment: General Merchandise Stores(BEA)	21	21	45368	33283	52207
emp_453	Employment: Miscellaneous Store Retailers(BEA)	21	21	12527.81	9645	14979
emp_454	Employment: Nonstore Retailers(BEA)	21	21	4716.619	3413	5927
emp_48	Employment: Transport and Warehousing(BEA)	21	21	76667	56430	89801
emp_48_49	Employment: Transportation and Warehousing, BEA	45	45	59198.58	34471	89812
emp_481	Employment: Air Transport(BEA)	21	21	7343.429	5018	9770
emp_482	Employment: Rail Transport(BEA)	20	20	4023.7	867	5999
emp_483	Employment: Water Transport(BEA)	21	21	1093.476	757	1926
emp_484	Employment: Truck Transport(BEA)	21	21	2.19E+04	17838	2.48E+04
emp_485	Employment: Transit and Ground Passenger Transport(BEA)	21	21	2220.81	1458	2834
emp_486	Employment: Pipeline Transport(BEA)	21	19	1.41E+03	917	2.32E+03
emp_487	Employment: Scenic and Sightseeing Transport(BEA)	16	16	552.6875	150	2923
emp_488	Employment: Support Activities for Transport(BEA)	21	20	5877.238	3800	7179
emp_492	Employment: Couriers and Messengers(BEA)	17	17	18981.06	10830	24415
emp_493	Employment: Warehousing and Storage(BEA)	21	21	11707.52	6254	18788
emp_51	Employment: Information(BEA)	21	21	28877.81	25678	33500
emp_511	Employment: Publishing Industries, Except Internet(BEA)	21	21	7018.857	5581	8052
emp_512	Employment: Motion Picture and Sound Recording Industries(BEA)	21	21	1.73E+03	1341	2.01E+03
emp_515	Employment: Broadcasting, Except Internet(BEA)	21	21	3659.095	2905	4123

emp_517	Employment: Telecommunications(BEA)	21	21	9815.667	8627	10845
emp_518	Employment: ISPs, Search Portals, and Data Processing(BEA)	21	21	6.44E+03	4986	9.21E+03
emp_519	Employment: Other Information Services 2/(BEA)	13	13	429.8462	75	1007
emp_519130	Employment: Internet Publishing and Broadcasting 2/(BEA)	9	9	487.8889	27	1565
emp_52	Employment: Finance and Insurance(BEA)	21	21	62320.62	50664	7.33E+04
emp_52_pc	Employment: Funds, trusts, and other financial vehicles, per capita	21	21	0.0154491	1.35E-02	1.74E-02
emp_521	Employment: Monetary Authorities - Central Bank(BEA)	17	12	267.2353	0	1203
emp_522	Employment: Credit Intermediation and Related Activities(BEA)	21	21	33757.81	30191	38256
emp_523	Employment: Securities, Commodity Contracts, Investments(BEA)	21	21	4769.857	1885	6559
emp_524	Employment: Insurance carriers and Related Activities(BEA)	21	21	23301.29	17278	29457
emp_525	Employment: Funds, Trusts, and Other financial Vehicles(BEA)	20	20	864.4	190	9705
emp_53	Employment: Real estate and rental and leasing(BEA)	21	21	19587.19	16948	21502
emp_531	Employment: Real estate(BEA)	21	21	11423.95	9999	12115
emp_532	Employment: Rental and leasing Services(BEA)	21	21	8.01E+03	6.82E+03	9.18E+03
emp_533	Employment: Lessors of Nonfinancial Intangible Assets(BEA)	15	14	3.11E+02	1.00E+02	1.37E+03
emp_54	Employment: Professional, scientific, and technical services, BEA	16	16	6.33E+04	5.38E+04	7.12E+04
emp_55	Employment: Management of Companies and Enterprises(BEA)	16	16	1.72E+04	1.35E+04	2.05E+04
emp_56	Employment: Administrative and Waste Management Services(BEA)	16	16	93436.5	79877	111002
emp_561	Employment: Administrative and Support Services(BEA)	21	21	75281.52	43806	97309
emp_562	Employment: Waste Management and Remediation Services(BEA)	24	23	4177.125	2914	5232
emp_61	Employment: Educational Services(BEA)	16	16	28202.06	22804	32281
emp_62	Employment: Health Care and Social Assistance(BEA)	16	16	205576.4	176979	2.30E+05
emp_62_92	Total Employment in Healthcare and Government (PED: 0.00)	21	21	523292.7	434168	607315
emp_621	Employment: Ambulatory Health Care Services(BEA)	21	21	60526.24	3.88E+04	76060
emp_622	Employment: Hospitals(BEA)	21	21	65724.48	57435	72595
emp_623	Employment: Nursing and Residential Care facilities(BEA)	21	21	35445.14	26052	42980
emp_624	Employment: Social Assistance(BEA)	21	21	21775.95	12308	31079
emp_71	Employment: Arts, Entertainment, and Recreation(BEA)	16	16	18793.13	17130	20414
emp_711	Employment: Performing Arts and Spectator Sports(BEA)	21	21	5676.429	4558	6710
emp_712	Employment: Museums, Historical Sites, Zoos, and Parks(BEA)	18	18	922.3889	635	1130
emp_713	Employment: Amusement, Gambling, and Recreation(BEA)	21	21	10614.33	7544	12436
emp_72	Employment: Accommodation and Food Services(BEA)	16	16	1.46E+05	1.32E+05	1.60E+05
emp_721	Employment: Accommodation(BEA)	24	24	15224.96	13639	16501
emp_722	Employment: Food Services and Drinking Places(BEA)	16	16	130925.5	116017	1.46E+05

emp_81	Employment: Other Services, Except Public Administration(BEA)	16	16	8.21E+04	79654	84920
emp_811	Employment: Repair and Maintenance(BEA)	21	21	16334.05	12210	18612
emp_812	Employment: Personal and Laundry Services(BEA)	21	21	1.60E+04	1.54E+04	1.68E+04
emp_813	Employment: Membership Associations and organizations(BEA)	21	21	33383.76	28616	37790
emp_814	Employment: Private Households(BEA)	21	21	14915.86	12026	18953
emp_92	Employment: Government and Government Enterprises(BEA)	45	45	306319.3	229697	3.83E+05
emp_92a	Employment: Federal, Civilian(BEA)	21	21	39189.43	35993	45005
emp_92b	Employment: Military(BEA)	21	21	49794.05	46721	58131
emp_92c	Employment: State and Local(BEA)	21	21	250837.4	204086	284025
emp_92d	Employment: State Government(BEA)	21	21	89981.38	79443	103541
emp_92e	Employment: Local Government(BEA)	21	21	160856	124643	180484
emp_intensive	Employment: NAICS 322+331+313_314+327+321+325+326	48	44	59889.54	0	77189
emp_nonfarm	Employment: Nonfarm Wage and Salary Employment(BEA)	21	21	1791467	1540349	1.94E+06
emp_nonintensive	Employment: NAICS 31_33-emp_intensive, BEA	44	44	206306.4	158085	2.40E+05
emp_p	Employment as a Percent of Total Population	43	43	0.4989518	0.4122666	0.5734285
emp_private	Employment: Private nonfarm wage and salary employment, BEA	45	45	1256902	821756	1.59E+06
emp_service	2014 EMP Model Employment: Services, BEA	44	44	837223.7	464824	1.15E+06
emp_total	Employment: Total Employment(BEA)	45	45	1563221	1062844	1.96E+06
employed	Number of Employed Persons	20	20	1820438	1587692	1.94E+06
empz	Employment (Z-Score)	33	33	-0.0317763	-1.73578	1.461833
emtcB	Fuel ethanol, excluding denaturant, total consumption (BBtu)	54	34	3489.63	0	18111
emtcP	Fuel Ethanol, Excluding Denaturant, Total Consumption (Mbbl)	1	1	0	0	0
emtcV	Fuel Ethanol, Excluding Denaturant, Total Expenditures (MM\$)	23	13	13.17826	0	47.1
enacB	Fuel Ethanol Consumed in Transport Sector (BBtu)	51	31	2664.516	0	17591.48
enacP	Fuel Ethanol Consumed in Transport Sector (Mbbl)	54	33	983.6481	0	5143
enacV	Fuel Ethanol Expenditures in Transport Sector (MM\$)	39	29	38.69567	0	393.5686
enccB	Fuel Ethanol Consumed in Commercial Sector (BBtu)	51	31	8.337302	0	63.9421
enccP	Fuel Ethanol Consumed in Commercial Sector (Mbbl)	54	12	2.462963	0	18
enccV	Fuel Ethanol Expenditures in Commercial Sector (MM\$)	39	29	0.0959533	0	0.47086
enfdb	Biomass Inputs for the Production of Fuel Ethanol (BBtu)	49	6	395.3473	0	4967
enicB	Fuel Ethanol Consumed in Industrial Sector (BBtu)	51	31	62.15697	0	433.8847
enicP	Fuel Ethanol Consumed in Industrial Sector (Mbbl)	54	25	20.24074	0	122
enicV	Fuel Ethanol Expenditures in Industrial Sector (MM\$)	39	29	1.018512	0	8.64011
enlcb	Energy Losses and Co-Products from the Production of Fuel Ethanol (BBtu)	49	6	178.4559	0	2074.456

enprb	Fuel Ethanol Production (BBtu)	53	10	408.4707	0	2947.344
enprk	Factor Converting Ethanol Production (MMBL to BBtu)	61	1	3.258	3.258	3.258
enprp	Fuel Ethanol Production (Mbbbl)	54	11	144.7407	0	884
entcb	Fuel Ethanol Total Consumption (BBtu)	51	31	2735.01	0	17898.55
entck	Fuel ethanol, excluding denaturant, total expenditures.	1	1	3.563	3.563	3.563
entcp	Fuel Ethanol Total Consumption (Mbbbl)	54	34	1006.352	0	5220
entcv	Fuel Ethanol Total Expenditures (MM\$)	39	29	39.81014	0	399.969
ep_regulated	Regulated Electricity Pricing Structure (Dummy)	71	1	1	1	1
esacb	Electricity Consumed in Transport Sector (BBtu)	54	1	0	0	0
esacd	Electricity Price in Transport Sector (\$ per MMBtu)	44	1	0	0	0
esacp	Electricity Consumed in Transport Sector (GWh)	161	1	0	0	0
esacp_gdp	Transport Electricity Intensity of Production (MWh/ GDP)	47	1	0	0	0
esacp_gdpr	Transport Electricity Intensity of Production (MWh/ Real 2005GDP)	50	1	0	0	0
esacp_ip	Electricity Consumed by the Transport Sector (GWh) (Predicted Values R2=04370)	21	1	0	0	0
esacp_pc	Electricity Consumed by the Transport Sector per Capita(GWh)	55	1	0	0	0
esacp_phh	Electricity Consumed by the Transport Sector per Household (GWh)	14	1	0.00E+00	0	0
esacv	Electricity Expenditures in Transport Sector (MM\$)	161	1	0	0	0
esacv_ip	Annual Electricity Revenue in the Transportation Sector (Th\$) (R2=04964)	21	1	0	0	0
escsb	Electricity Consumed in Commercial Sector (BBtu)	54	54	36468.37	5426	71666
esccc	Number of Commercial Electricity Consumers	24	24	248235.5	186216	2.98E+05
escsd	Electricity Price in Commercial Sector (\$ per MMBtu)	44	42	14.08114	4.26	25.58
escsd_lag1	Lag 1 of Electricity Price In The Commercial Sector (\$ per MMBtu)	39	39	12.7836	4.26188	21.35951
escsd_lag2	Lag 2 of Electricity Price In The Commercial Sector (\$ per MMBtu)	39	39	12.79388	4.26188	21.76036
escsd_lag3	Lag 3 of Electricity Price In The Commercial Sector (\$ per MMBtu)	39	39	12.79913	4.26188	21.76036
escsp	Electricity Consumed in Commercial Sector (GWh)	59	56	10102.46	0	21004
escsp_gdp	Commercial Electricity Intensity of Production (MWh/ GDP)	47	47	0.1907642	0.1194214	0.2844768
escsp_gdpr_2010	Commercial Electricity Intensity of Production (kWh/Real 2010 GDP)	52	52	0.0879579	0.0310727	0.1224386
escsp_gdpr10	Commercial Electricity Intensity of Production (kWh/Real 2010 GDP)	52	52	0.0879579	0.0310727	0.1224386
escsp_ip	Electricity Consumed by the Commercial Sector (GWh) (Predicted Values R2=09898)	21	21	14292.3	9252.218	20034.52
escsp_p	Commercial Electricity Consumption as a Percentage of Total	55	55	0.1663367	0.056447	0.2477939
escsp_pc	Electricity Consumed by the Commercial Sector per Capita(GWh)	55	55	0.0027663	0.0005229	0.0047787
escsp_phh	Electricity Consumed by the Commercial Sector per Household (mWh)	14	14	0.0100309	0.0096818	0.010846
escsv	Electricity Expenditures in Commercial Sector (MM\$)	59	46	548.2077	0	1798
escsv_cons	Electricity Consumption per Commercial Consumer (MWh)	10	10	4818.43	3678.202	5898.572

escv_ip	Annual Electricity Revenue in the Commercial Sector (Th\$) (R2=0.9669)	21	21	859.7015	497.21	1528.098
esicb	Electricity Consumed in Industrial Sector (BBtu)	54	54	110186.5	67334	157627
esicc	Number of Industrial Electricity Consumers	24	24	7747.708	6239	11116
esicd	Electricity Price in Industrial Sector (\$ per MMBtu)	44	43	9.824091	2.16	16.6
esicd_lag1	Lag 1 of Electricity Price In The Industrial Sector (\$ per MMBtu)	39	39	9.1059	2.15775	1.51E+01
esicd_lag2	Lag 2 of Electricity Price In The Industrial Sector (\$ per MMBtu)	39	39	9.171742	2.15775	1.67E+01
esicd_lag3	Lag 3 of Electricity Price In The Industrial Sector (\$ per MMBtu)	39	39	9.221056	2.15775	16.68002
esicp	Electricity Consumed in Industrial Sector (GWh)	59	56	30076	0	46198
esicp_gdp	Industrial Electricity Intensity of Production (MWh/ GDP)	47	47	0.8568588	0.2784232	2.767758
esicp_gdpr	Commercial Electricity Intensity of Production (MWh/ Real 2005GDP)	50	50	0.2851261	0.2263717	0.3883571
esicp_gdpr_2010	Industrial Electricity Intensity of Production (kWh/Real 2010 GDP)	52	52	0.2794075	0.1764944	0.3884085
esicp_gdpr10	Industrial Electricity Intensity of Production (kWh/Real 2010 GDP)	52	52	0.2794075	0.1764944	0.3884085
esicp_ip	Electricity Consumed by the Industrial Sector (GWh) (Predicted Values R2=0959)	21	21	40584.22	32543.26	4.62E+04
esicp_p	Industrial Load as Percentage of Total Electricity Load	55	55	0.5831394	0.3990923	0.8455694
esicp_pc	Per Capita Electricity Consumed by the Industrial Sector (GWh)	55	55	0.0085647	0.0062216	0.0108038
esicp_phh	Electricity Consumed per Household by the Industrial Sector (mWh)	14	14	0.0227066	0.0190915	2.43E-02
esicp_wo_usec	Industrial Electricity Consumption without USEC (GWh)	5	5	30924.91	29188	31498
esicv	Electricity Expenditures in Industrial Sector (MM\$)	49	46	1079.901	0	2.28E+03
esicv_cons	Electricity Consumption per Industrial Consumer (MWh)	10	10	285479.8	209196.1	3.42E+05
esisb	Electricity Sales to the Industrial Sector Excluding Refinery Use (BBtu)	43	43	115253	69764	152653
esrcb	Electricity Consumed in Residential Sector (BBtu)	54	54	53532.87	9418	99414
esrcc	Number of Residential Electricity Consumers	24	24	1766439	1480107	1.95E+06
esrcd	Electricity Price in Residential Sector (\$ per MMBtu)	44	44	16.01636	5.38	28.7
esrcp	Electricity Consumed in Residential Sector (GWh)	59	56	14821.41	0	29137
esrcp_gdp	Residential Electricity Intensity of Production (MWh/ GDP)	47	47	0.3018671	0.1694341	5.01E-01
esrcp_gdpr	Residential Electricity Intensity of Production (MWh/ Real 2005 GDP)	50	50	0.1314864	0.0531692	0.1809002
esrcp_gdpr_2010	Residential Electricity Intensity of Production (kWh/Real 2010 GDP)	52	52	0.1310728	0.0531763	0.1753329
esrcp_gdpr10	Residential Electricity Intensity of Production (kWh/Real 2010 GDP)	52	52	0.1310728	0.0531763	0.1753329
esrcp_ip	Electricity Consumed by the Res Sector (GWh) (Predicted Values R2=09589)	21	21	23121.82	16813.54	29206.78
esrcp_o	Electricity Consumed by the Residential Sector (GWh) (Original EIA Variable)	49	49	14519.55	2760.162	2.80E+04
esrcp_p	Percentage of Total Electricity that is Residential	55	55	0.2505274	0.0979835	0.3548492
esrcp_pc	Annual Electricity Consumption Per Capita (GWh)	55	55	0.0040825	0.0009076	6.70E-03
esrcp_phh	Electricity Consumed by the Residential Sector per Household (GWh)	14	14	0.013938	0.0132883	0.0151147
esrcv	Electricity Expenditures in Residential Sector (MM\$)	49	46	1059.46	0	2736.129

esrcv_cons	Electricity Consumption per Residential Consumer (MWh)	14	14	1024.894	727.5621	1339.839
esrcv_ip	Annual Electricity Revenue in the Residential Sector (Th\$) (R2=09753)	21	21	1467.032	957.514	2.51E+03
esrfb	Electricity Consumed by Refineries (BBtu)	43	43	2837.977	475	5417
estcb	Electricity Total Consumption (BBtu)	54	54	200187.7	91211	3.19E+05
estcc	Number of Total Electricity Consumers	24	24	2033381	1692435	2.25E+06
estcd	Electricity Average Price, All Sectors (\$ per MMBtu)	44	43	12.4475	3.33	22.58
estcd_lag1	Lag 1 of Electricity Average Price, All Sectors (\$ per MMBtu)	39	39	11.37585	3.32666	18.41078
estcd_lag2	Lag 2 of Electricity Average Price, All Sectors (\$ per MMBtu)	39	39	11.46454	3.32666	2.19E+01
estcd_lag3	Lag 3 of Electricity Average Price, All Sectors (\$ per MMBtu)	39	39	11.53917	3.32666	21.86984
estcp	Electricity Total Consumption (GWh)	59	56	54999.71	0	93569
estcp_gdp	Total Electricity Intensity of Production (MWh/ GDP)	47	47	1.34949	0.5672787	3.368043
estcp_gdpr	Total Electricity Intensity of Production (MWh/ Real 2005 GDP)	51	51	0.499345	0.3708528	0.5809332
estcp_gdpr_2010	Total Electricity Intensity of Production (kWh/\$ GDP 2010)	52	52	0.4984364	0.3708528	5.81E-01
estcp_gdpr10	Total Electricity Intensity of Production (kWh/\$ GDP 2010)	52	52	0.4984364	0.3708528	0.5809566
estcp_ip	Electricity Total Consumption (GWh) (Predicted Value R2=10) (MSE=000)	21	21	80003.11	61096.87	9.37E+04
estcp_kwh	Total Electricity Consumption in Kilowatt Hours	50	50	5.62E+10	2.67E+10	9.34E+10
estcp_pc	Electricity Total Consumption Per Capita (GWh)	55	55	0.0154134	0.0084275	2.18E-02
estcp_phh	Electricity Total Consumption Per Household (GWh)	14	14	0.0466754	0.0437703	4.85E-02
estcpz	Electricity Consumption (Z-Score)	48	48	-0.0608991	-1.370703	1.697062
estcv	Electricity Total Expenditures (MM\$)	49	46	2799.445	0	6471.4
estxb	Electricity total end-use consumption (i.e., sold).	54	54	200187.7	91211	3.19E+05
estxd	Electricity Average price, All End-Use Sectors (\$ per MMBtu)	44	43	12.4475	3.33	22.58
estxp	Electricity total end-use consumption (i.e., sold).	54	54	58671.59	26732	93569
estxv	Electricity total end-use expenditures.	44	44	2975.823	354.9	6471.4
ffetk	Fossil Fueled Steam-Electric Power Plant Conversion Factor, US(MMBtu per kWh)	1	1	10.402	10.402	10.402
fftc_b	Fossil fuels total consumption. (BBtu)	54	54	1423876	641895	1.95E+06
fips	State Code	311	1	21	21	2.10E+01
fnicb	Petrochemical Feedstocks, Naphtha, Consumed in Industrial Sector (BBtu)	54	1	0	0	0
fnicd	Petrochemical Feedstocks, Naphtha, Price in Industrial Sector(\$ p	44	1	0	0	0
fnicp	Petrochemical Feedstocks, Naphtha, Consumed in Industrial Sector (Mbbbl)	54	1	0	0	0.00E+00
fnicv	Petrochemical Feedstocks, Naphtha, Expenditures in IndustrialSector (MM\$)	44	1	0	0	0
foicb	Petrochemical Feedstocks, Other Oils, Consumed in Industrial Sector (BBtu)	54	1	0	0	0
foicd	Petrochemical Feedstocks, Other Oils, Price in Industrial Sector (dollar	44	1	0	0.00E+00	0
foicp	Petrochemical Feedstocks, Other Oils, Consumed in Industrial Sector (Mbbbl)	54	1	0	0	0

foicv	Petrochemical Feedstocks, Other Oils, Expenditures in Industrial Sector (MM\$)	44	1	0.00E+00	0	0.00E+00
fsicb	Petrochemical Feedstocks, Still Gas, Consumed in Industrial Sector (BBtu)	54	24	3.77E+02	0.00E+00	1.26E+03
fsicd	Petrochemical Feedstocks, Still Gas, Price in Industrial Sector (\$	44	17	0.7584091	0	4.46E+00
fsicp	Petrochemical Feedstocks, Still Gas, Consumed in Industrial Sector (Mbbbl)	54	22	6.28E+01	0	2.09E+02
fsicv	Petrochemical Feedstocks, Still Gas, Expenditures in Industrial Sector (MM \$)	44	13	0.7431818	0	5.1
gas	Nat Gas Percentage of Total Electricity Generation	111	26	0.0020861	0.00E+00	3.31E-02
gas_ngeid	Interaction Term between Nat Gas Percentage of Portfolio and Price of Gas	21	21	4.15E-02	7.52E-04	1.54E-01
gas_ngeid_r	Interaction Term between Nat Gas Percentage and Real 2010 Price of NG	23	13	0.0508174	0.00E+00	0.1854382
gdp	GDP (MM of Nominal \$) (DOC-BEA)	52	52	76848.96	8355	1.89E+05
gdp_11	GDP: Agriculture, Forestry, Fishing, And Hunting (MM\$)	17	17	1895.118	1.33E+03	3496
gdp_111_112	GDP:Farms (MM	51	50	1388.882	377	3496
gdp_113_115	GDP: Forestry, Fishing, And Related Activities (MM\$)	17	16	348.8824	291	412
gdp_21	GDP: Mining (MM	18	18	4162.389	2378	7824
gdp_211	GDP: Oil And Gas Extraction (MM\$)	17	16	217.7647	40	490
gdp_212	GDP: Mining, Except Oil And Gas (MM\$)	17	17	3677.235	2261	7.09E+03
gdp_213	GDP: Support Activities For Mining (MM\$)	17	17	217.0588	44	408
gdp_22	GDP: Utilities (MM	18	17	2464.5	1965	3205
gdp_22_r	GDP: Utilities (MM Real 2010 \$)	51	51	3098.347	1945.402	4426.938
gdp_23	GDP: Construction (MM	18	18	6002.056	4318	7364
gdp_23_r	GDP: Construction (MM Real 2010 \$)	51	51	5015.701	2806.592	7363.815
gdp_31_33	GDP: Manufacturing (MM	18	18	28643.94	24134	36184
gdp_31_33_r	GDP: Manufacturing, BEA (MM\$) Real 2010 \$)	51	51	29454.25	21207.02	39856.08
gdp_311_312	GDP: Food And Beverage And Tobacco Products Manufacturing (MM\$)	17	17	4937.824	3678	7181
gdp_313_314	GDP: Textile Mills And Textile Product Mills (M	17	16	158.1765	106	251
gdp_313_314_r	GDP: Textile Mills And Textile Product Mills (MM Real 2010 \$)	50	50	268.6804	102.5726	706.2298
gdp_315_316	GDP: Apparel And Leather And Allied Products Manufacturing (MM\$)	17	17	308.8235	81	774
gdp_321	GDP: Wood Products Manufacturing (MM	17	16	523.5294	418	632
gdp_321_r	GDP: Wood Products Manufacturing (MM Real 2010 \$)	50	50	559.0441	370.5527	716.5538
gdp_322	GDP: Paper Products Manufacturing (MM	17	17	1.25E+03	9.66E+02	1.61E+03
gdp_322_r	GDP: Paper Products Manufacturing (MM Real 2010 \$)	50	50	915.1437	154.7494	1662.645
gdp_323	GDP: Printing And Related Support Activities (MM\$)	17	16	764.9412	665	893
gdp_324	GDP: Petroleum And Coal Products Manufacturing (MM\$)	17	17	1109.706	352	2152
gdp_325	GDP: Chemical Products Manufacturing (MM	17	16	2695.353	1803	4127
gdp_325_r	GDP: Chemical Products Manufacturing (MM Real 2010 \$)	50	50	2314.574	1296.934	3473

gdp_326	GDP: Plastics And Rubber Products Manufacturing (MM	17	17	1248.471	986	1454
gdp_327	GDP: Nonmetallic Mineral Products Manufacturing (MM	17	17	756.2941	546	1030
gdp_327_r	GDP: Nonmetallic Mineral Products Manufacturing (MM Real 2010 \$)	50	50	769.2786	479.0453	1188.977
gdp_331	GDP: Primary Metals Manufacturing (MM	17	17	1832.824	1050	3232
gdp_331_r	GDP: Primary Metals Manufacturing (MM Real 2010 \$)	50	50	1703.584	919.2557	3499.063
gdp_332	GDP: Fabricated Metal Products (MM\$)	17	17	1604.706	1452	1888
gdp_333	GDP: Machinery Manufacturing (MM\$)	17	17	1495.353	1149	1841
gdp_334	GDP: Computer And Electronic Products Manufacturing (MM\$)	17	17	823.7647	543	1181
gdp_335	GDP: Electrical Equipment, Appliance, And Components Manufacturing (MM\$	17	17	1211.941	868	1661
gdp_3361_3363	GDP: Motor Vehicles, Bodies And Trailers, And Parts Manufacturing (MM\$)	17	17	6439.235	2638	9945
gdp_3364_3369	GDP: Other Transportation Equipment Manufacturing (MM\$)	17	17	347	180	593
gdp_337	GDP: Furniture And Related Products Manufacturing (MM\$)	17	16	272.0588	191	362
gdp_339	GDP: Miscellaneous Manufacturing (MM\$)	17	16	416.5294	329	595
gdp_42	GDP: Wholesale Trade (MM\$)	18	18	9262.667	5804	12465
gdp_44_45	GDP: Retail Trade (MM\$)	18	18	9401.944	7176	10970
gdp_48_49	GDP: Transportation And Warehousing (MM	18	18	6678.111	4233	8638
gdp_48_49_r	GDP: Transportation And Warehousing (MM Real 2010 \$)	51	51	4815.13	2565.365	7874.866
gdp_481	GDP: Air Transportation (MM\$)	17	15	646.9412	302	888
gdp_482	GDP: Rail Transportation (MM\$)	17	16	550.7059	421	729
gdp_483	GDP: Water Transportation (MM\$)	17	16	260.1765	81	661
gdp_484	GDP: Truck Transportation (MM\$)	17	17	1672.706	1238	1912
gdp_485	GDP: Transit And Ground Passenger Transportation (MM\$)	17	15	158.9412	78	195
gdp_486	GDP: Pipeline Transportation (MM\$)	17	17	144.6471	91	185
gdp_487_492	GDP: Other Transportation And Support Activities (MM\$)	17	17	2352.882	1291	3151
gdp_493	GDP: Warehousing And Storage (MM\$)	17	17	776.0588	380	1168
gdp_51	GDP: Information (MM\$)	18	18	3899.389	2573	4772
gdp_511	GDP: Publishing Industries, Except Internet (Includes Software) (MM\$)	17	17	719.7059	534	894
gdp_512	GDP: Motion Picture And Sound Recording Industries (MM\$	17	15	135.8824	72	206
gdp_515_517	GDP: Broadcasting And Telecommunications (MM\$)	17	17	2542.235	1661	3383
gdp_518_519	GDP: Data Processing, Internet Publishing, And Other Information Services (MM\$	17	17	451	153	604
gdp_52	GDP: Finance And Insurance (MM	18	18	6582	3919	8845
gdp_52_53	GDP: Finance, Insurance, Real Estate, Rental, And Leasing (MM\$	18	18	20375.28	12950	27755
gdp_521_522	GDP: Federal Reserve Banks, Credit Intermediation, And Related Services (MM\$)	17	17	2900.941	1805	3316
gdp_523	GDP: Securities, Commodity Contracts, And Investments (MM\$	17	17	654.2353	421	887

gdp_524	GDP: Insurance Carriers And Related Activities (MM\$)	17	17	2761.235	1625	4077
gdp_525	GDP: Funds, Trusts, And Other Financial Vehicles (MM\$	17	17	132.2941	23	267
gdp_53	GDP: Real Estate And Rental And Leasing (MM\$	17	17	12213	8078	17093
gdp_531	GDP: Real Estate (MM	17	17	12213	8078	17093
gdp_532_533	GDP: Rental And Leasing Services And Lessors Of Intangible Assets (MM\$	17	17	1279.353	953	1453
gdp_54	GDP: Professional, Scientific, And Technical Services (MM\$	18	18	5340.222	3411	7180
gdp_54_56	GDP: Professional And Business Services (MM\$)	18	18	10660.22	6241	15194
gdp_5411	GDP: Legal Services (MM\$)	17	17	1203.765	839	1533
gdp_5412_5419	GDP: Miscellaneous Professional, Scientific, And Technical Services (MM\$	17	17	3237.529	2179	4151
gdp_5415	GDP: Computer Systems Design And Related Services (MM\$	17	17	790.7647	378	1.22E+03
gdp_55	GDP: Management Of Companies And Enterprises (MM\$)	18	18	1907.389	1042	2723
gdp_56	GDP: Administrative And Waste Management Services (MM\$)	18	18	3412.722	1788	5432
gdp_561	GDP: Administrative And Support Services (MM\$)	17	17	2928.059	1540	4559
gdp_562	GDP: Waste Management And Remediation Services (MM\$)	17	17	365.9412	237	559
gdp_61	GDP:Educational Services (MM	18	18	793.8333	460	1093
gdp_61_62	GDP: Educational Services, Health Care, And Social Assistance (MM\$)	18	18	11751.44	7144	15988
gdp_62	GDP: Health Care And Social Assistance (MM\$)	18	18	10957.78	6684	14895
gdp_621	GDP: Ambulatory Health Care Services (MM\$)	17	17	5059.824	3226	6806
gdp_622_623	GDP: Hospitals And Nursing And Residential Care Facilities (MM\$	17	17	4990.471	3134	6812
gdp_624	GDP: Social Assistance (MM\$)	17	17	675.8824	324	976
gdp_71	GDP: Arts, Entertainment, And Recreation (MM\$)	18	18	799.6111	572	1026
gdp_71_72	GDP: Arts, Entertainment, Recreation, Accommodation, And Food Services (MM\$)	18	18	4753.278	3129	6064
gdp_711_712	GDP: Performing Arts, Spectator Sports, Museums, And Related Activities (MM\$)	17	17	406.4706	261	514
gdp_713	GDP: Amusements, Gambling, And Recreation Industries (MM\$	17	17	379.8235	312	442
gdp_72	GDP: Accommodation And Food Services (MM\$)	18	18	3953.667	2557	5038
gdp_721	GDP: Accommodation (MM\$)	17	17	770.6471	547	912
gdp_722	GDP: Food Services And Drinking Places (MM\$)	17	17	3119.118	2010	3.91E+03
gdp_81	GDP: Other Services, Except Government (MM\$)	18	18	3267.167	2452	3962
gdp_92	GDP:Government (MM	18	18	21452.83	14352	27629
gdp_92_r	GDP: Government and Government Enterprises, BEA (MM\$) Real 2010 \$)	51	51	16255.51	6848.099	27094
gdp_civ	GDP: Federal Civilian (MM\$)	17	17	3420.471	2548	4216
gdp_durable	GDP: Durable Goods Manufacturing (MM\$)	18	18	15907.33	10927	19039
gdp_gross	Gross State Product (B\$) (DOT)	9	8	126.49	100	156
gdp_gross_pc	Gross State Product per Capita, (DOT)	9	9	3.04E-05	2.47E-05	0.0000364

gdp_industry	GDP: Industry, BEA (MM\$) Real 2010 \$)	50	50	74833.7	8355	1.83E+05
gdp_industry_r	GDP: Industry, BEA (MM\$) Real 2010 \$)	50	50	118129.3	59537.84	1.72E+05
gdp_intensive	GDP: NAICS 322+331+313_314+327+321+325+326 (MM	50	50	3919.18	484	9328
gdp_nondurable	GDP: Nondurable Goods Manufacturing (MM\$)	18	18	12736.61	10167	17145
gdp_nonintensive	GDP: NAICS 31_33-gdp_intensive (MM	50	50	12614.58	2492	24412
gdp_nonintensive_r	GDP: NAICS 31_33-gdp_intensive (MM Real 2010 \$)	50	50	22884.92	17758.03	31395.61
gdp_pc	GDP per Capita (MM of \$)	52	52	19193.59	2698.643	42733.39
gdp_privat_prod	GDP: Private Industry, BEA (MM\$) Real 2010 \$)	51	51	101816.9	52689.74	1.46E+05
gdp_private	GDP:Private Industries (MM	18	18	123643.8	90751	1.61E+05
gdp_private_prod	GDP: Private Goods-Producing Industries (MM\$)	18	18	41129.61	34386	5.22E+04
gdp_private_servi	GDP: Private Services-Providing Industries (MM\$)	18	18	82514	53906	1.09E+05
gdp_r_2010	Real GDP (MM of Chained 2010 \$)	50	50	118577.1	59537.84	171643.6
gdp_r_2014	Real GDP (MM of Chained 2014 \$)	50	50	128917.8	64729.95	186612.1
gdp_resources	GDP: Natural Resources And Mining (MM\$)	18	18	6483.722	4144	10366
gdp_service	GDP: Services (NAICS11, 21, 42-45, 51-72, 81) (M	50	50	37739.94	3387	1.01E+05
gdp_service_r	GDP: Services (NAICS11, 21, 42-45, 51-72, 81) (MM Real 2010 \$)	50	50	58657.13	24135.81	9.57E+04
gdp_state	GDP: State And Local (MM\$)	17	17	14312.41	9924	18737
gdp_trade	GDP: Trade (MM\$)	18	18	18664.44	12980	23435
gdp_transport	GDP: Transportation And Utilities (MM\$)	18	18	9142.722	6437	11638
gdpr_2005	Gross Domestic Product -2005	48	48	102856.5	53324.56	1.49E+05
gdpr_2010	Real GDP (MM of Chained 2010 \$)	52	52	119134.1	59537.84	1.73E+05
gdpr_2010_pc	Real GDP per Capita (Chained 2010 \$)	52	52	31153.18	19230.57	39305.67
gdprv	GDP (MM\$)	17	17	142537.5	105103	1.84E+05
gdprx	Real GDP (MM chained -2000 \$)	17	17	156105.6	139799	1.70E+05
geccb	Direct Use of Geothermal Energy and Heat Pumps in Commercial Sector (BBtu)	54	18	159.4444	0	965
geegb	Electricity Produced from Geothermal Energy in Electric Power Sector (BBtu)	54	1	0	0	0
geegp	Electricity Produced from Geothermal Energy in Electric PowerSector (MM ki	54	1	0	0	0
geetk	Conversion Fact Electricity Produced From Geothermal, US (MMBtu perkWh)	1	1	21.096	21.096	21.096
geicb	Direct Use of Geothermal Energy and Heat Pumps in Industrial Sector (BBtu)	54	1	0	0	0
gercb	Direct Use of Geothermal Energy and Heat Pumps in Residential Sector (BBtu)	54	24	344.1481	0	1860
getcb	Geothermal Energy Total Consumption (BBtu)	54	24	503.5556	0	2712
getxb	Geothermal Total End-Use Consumption (BBtu)	54	24	503.5556	0	2712
getxv	Geothermal Total Consumption (MM\$)	40	1	0	0	0
goccb	Geothermal and Hydro Energy Consumed in the Commercial Sector (Blio	41	16	144.9024	0	754

gorcb	Geothermal and solar energy consumed in the residential sector (BBtu)	41	22	333.0976	0	1914
hedrt	Death Rate per k	35	34	9.570358	8.956309	10.3
hedrt_ip	Interpolated Values of Death Rate per k	41	40	9.576379	8.956309	10.3
households	Number of Households (US Census)	15	15	1752200	0	1.94E+06
houses	Number of Housing Units (ACS)	5	5	1915758	1888336	1.93E+06
hyccb	Hydroelectricity Produced in Commercial Sector (BBtu)	54	1	0	0	0
hyccp	Hydroelectricity Produced in Commercial Sector (GWh)	54	1	0	0	0
hydro	Hydroelectric Percentage	111	26	0.0079127	0	0.0487029
hyegb	Hydroelectricity Produced in Electric Power Sector (BBtu)	54	54	32056.74	16492	45945
hyegp	Hydroelectricity Produced in Electric Power Sector (GWh)	54	54	3114.407	1669	4404
hyicb	Hydroelectricity Produced in Industrial Sector (BBtu)	54	1	0	0	0
hyicp	Hydroelectricity Produced in Industrial Sector (GWh)	54	1	0	0	0
hytcb	Hydroelectricity Total Production (BBtu)	54	54	32056.74	16492	45945
hytcp	Hydroelectricity Total Production (GWh)	54	54	3114.407	1669	4404
hytxb	Hydroelectricity produced by the end-use sectors (BBtu)	54	1	0	0	0
hytxp	Hydroelectricity produced by the end-use sectors (GWh)	54	1	0	0	0
hytxv	Hydroelectricity produced by the End-Use Sectors (MM\$)	40	1	0	0	0
id	Polygon Number	206	1	32	32	32
income	Personal Income (B\$) (DOT)	9	9	109.8756	92	131
income_pc	Personal Income per Capita, (DOT)	9	9	2.64E-05	0.0000227	3.06E-05
inflation	Consumer Price Index Annual Inflation Rate	59	59	0.0370748	-0.0037175	0.1349864
jfacb	Jet Fuel Consumed in Transport Sector (BBtu)	54	54	26416.31	2689	58591
jfacd	Jet Fuel Price in Transport Sector (\$ per MMBtu)	44	42	7.198636	0.73	23.07
jfacp	Jet Fuel Consumed in Transport Sector (Mbbbl)	54	54	4671.37	497	10334
jfacv	Jet Fuel Expenditures in Transport Sector (MM\$)	44	43	282.4205	9.4	1270.2
jftcb	Jet Fuel Total Consumption (BBtu)	54	54	26416.31	2689	58591
jftcd	Jet Fuel Average Price, All Sectors (\$ per MMBtu)	44	42	7.198636	0.73	23.07
jftcp	Jet Fuel Total Consumption (Mbbbl)	54	54	4671.37	497	10334
jftcv	Jet Fuel Total Expenditures (MM\$)	44	43	282.4205	9.4	1270.2
jftxb	Jet fuel total end-use consumption (BBtu)	54	54	26416.31	2689	58591
jftxd	Jet Fuel Total End-Use Consumption (\$ per MMBtu)	44	42	7.198636	0.73	23.07
jftxp	Jet Fuel Total End-Use Consumption (Mbbbl)	54	54	4671.37	497	10334
jftxv	Jet Fuel Total End-Use Consumption (MM\$)	44	43	282.4205	9.4	1270.2
jkacb	Kerosene-Type Jet Fuel Consumed in Transport Sector (BBtu)	54	54	25223.5	532	5.86E+04

jkacp	Kerosene-Type Jet Fuel Consumed in Transport Sector (Mbbbl)	54	54	4448.667	94	10334
jk tcb	Kerosene-Type Jet Fuel Total Consumption (BBtu)	54	54	25223.5	532	58591
jk t cp	Kerosene-Type Jet Fuel Total Consumption (Mbbbl)	54	54	4448.667	94	10334
jinacb	Naphtha-Type Jet Fuel Consumed in Transport Sector (BBtu)	54	39	1192.833	0	2656
jinacp	Naphtha-Type Jet Fuel Consumed in Transport Sector (Mbbbl)	54	39	222.7222	0	496
intcb	Naphtha-Type Jet Fuel Total Consumption (BBtu)	54	39	1192.833	0	2656
intcp	Naphtha-Type Jet Fuel Total Consumption (Mbbbl)	54	39	222.7222	0	496
kentucky	Indicator Variable that State is Kentucky	71	1	1	1	1
ksc cb	Kerosene Consumed in Commercial Sector (BBtu)	54	53	885.8704	9	3527
ksc cd	Kerosene Price in Commercial Sector (\$ per MMBtu)	44	42	9.584773	0.79	30.54
ksc cp	Kerosene Consumed in Commercial Sector (Mbbbl)	54	45	156.2222	2	622
ksc cv	Kerosene Expenditures in Commercial Sector (MM\$)	44	32	3.515909	0.3	2.14E+01
ksicb	Kerosene Consumed in Industrial Sector (BBtu)	54	53	1723.926	19	6022
ksicd	Kerosene Price in Industrial Sector (\$ per MMBtu)	44	41	8.402955	0.79	26.81
ksicp	Kerosene Consumed in Industrial Sector (Mbbbl)	54	52	304.037	3	1062
ksicv	Kerosene Expenditures in Industrial Sector (MM\$)	44	35	6.406818	0.5	27.7
ksrcb	Kerosene Consumed in Residential Sector (BBtu)	54	54	4382.667	114	13710
ksrcd	Kerosene Price in Residential Sector (\$ per MMBtu)	44	43	9.982727	1.59	30.54
ksrcp	Kerosene Consumed in Residential Sector (Mbbbl)	54	54	772.963	20	2418
ksrcv	Kerosene Expenditures in Residential Sector (MM\$)	44	39	20.41591	3.4	84.6
kstcb	Kerosene Total Consumption (BBtu)	54	53	6992.444	146	21424
kstcd	Kerosene Average Price, All Sectors (\$ per MMBtu)	44	43	9.600455	1.31	30.07
kstcp	Kerosene Total Consumption (Mbbbl)	54	52	1233.222	26	3.78E+03
kstcv	Kerosene Total Expenditures (MM\$)	44	43	30.34318	4.3	1.25E+02
kstxb	Kerosene total end-use consumption (BBtu)	54	53	6992.444	146	21424
kstxd	Kerosene Total End-Use consumption (\$ per MMBtu)	44	43	9.600455	1.31	30.07
kstxp	Kerosene Total End-Use Consumption (Mbbbl)	54	52	1233.222	26	3779
kstxv	Kerosene Total End-Use Expenditures (MM\$)	44	43	30.34318	4.3	124.6
ky_ham_price	Kentucky Country Ham Winning Bid (\$)	49	48	133155.2	124	1600000
ky_ham_price_r	Kentucky Country Ham Winning Bid (2010 \$)	49	49	155668.9	872.224	1600000
labfor	Labor Force (Persons)	33	33	1805012	1498278	2042914
labforz	Labor Force (Z-Score)	33	33	-0.0502241	-2.002718	1.46413
lanemi_rural	Rural Lane-Miles	9	9	135902.7	133612	1.38E+05
ldrg	US Leaded Gasoline Price Annual (\$ per gal.)	19	19	0.9084123	0.419	1.31E+00

lgacb	LPG Consumed in Transport Sector (BBtu)	54	50	333.6111	48	1261
lgacd	LPG Price in Transport Sector (\$ per MMBtu)	44	44	11.94386	1.62	31.2
lgacp	LPG Consumed in Transport Sector (Mbbbl)	54	40	87.01852	13	329
lgacv	LPG Expenditures in Transport Sector (MM\$)	44	35	4.925	0.2	27.1
lgccb	LPG Consumed in Commercial Sector (BBtu)	54	54	1503.407	815	2544
lgccd	LPG Price in Commercial Sector (\$ per MMBtu)	44	43	9.137955	1.62	23.33
lgccp	LPG Consumed in Commercial Sector (Mbbbl)	54	53	391.963	212	6.63E+02
lgccv	LPG Expenditures in Commercial Sector (MM\$)	44	41	13.69091	3.4	4.45E+01
lgicb	LPG Consumed in Industrial Sector (BBtu)	54	54	19430.81	10304	29897
lgicd	LPG Price in Industrial Sector (\$ per MMBtu)	44	43	9.566591	1.66	25.3
lgick	Average Conversion Factor Industrial Consumption of LPG (MMBtu/barrel)	1	1	3.566	3.566	3.57E+00
lgicp	LPG Consumed in Industrial Sector (Mbbbl)	54	54	5345.667	2476	8.43E+03
lgicv	LPG Expenditures in Industrial Sector (MM\$)	44	43	197.5636	33.5	594.5
lgisb	LPG Consumed in Industrial Sector Excluding Refinery Fuel (BBtu)	43	43	19750.33	10009	2.94E+04
lgrcb	LPG Consumed in Residential Sector (BBtu)	54	53	9226.926	5092	15890
lgrcd	LPG Price in Residential Sector (\$ per MMBtu)	44	44	12.32545	2.24	30.73
lgrcd_gal	LPG Price per gal. In the Residential Sector	44	44	1.127779	0.20496	2.811795
lgrcp	LPG Consumed in Residential Sector (Mbbbl)	54	52	2405.315	1327	4142
lgrcp_gal	Liquid Propane Price per Gallon (lgrcp_g=(lgrcd/1000000)*91500)	40	40	1.021607	0.2085221	2.669327
lgrcv	LPG Expenditures in Residential Sector (MM\$)	44	44	108.8818	29.9	263.8
lgrfb	LPG Consumed As Refinery Fuel (BBtu)	43	40	556.8837	243	2091
lgtcb	LPG Total Consumption (BBtu)	54	54	30494.8	16734	46024
lgtcd	LPG Average Price, All Sectors (\$ per MMBtu)	44	43	10.40818	1.91	25.8
lgtck	Conversion Fact LPG Physical Units To Btu, US (MMBtu/barrel)	1	1	3.625	3.625	3.625
lgtcp	LPG Total Consumption (Mbbbl)	54	54	8230	4152	12277
lgtcv	LPG Total Expenditures (MM\$)	44	44	325.0682	67.7	909.7
lgtxb	Liquid Porpane Gas Total End-Use Consumption (BBtu)	54	54	30494.8	16734	46024
lgtxd	Liquid Porpane Gas Total End-Use Price (\$ per MMBtu)	44	43	10.40818	1.91	25.8
lgtxp	Liquid Porpane Gas Total End-Use Consumption (Mbbbl)	54	54	8230	4152	12277
lgtxv	Liquid Porpane Gas Total End-Use Expenditures (MM\$)	44	44	325.0682	67.7	909.7
loacb	The Transport Sector's Share of Electrical System Energy Losses (BBtu)	54	1	0	0	0
locb	The Commercial Sector's Share of Electrical System Energy Losses (BBtu)	54	54	83174.69	13418	166513
loicb	The Industrial Sector's Share of Electrical System Energy Losses (BBtu)	54	54	253378.8	160836	367360
lorcb	The Residential Sector's Share of Electrical System Energy Losses (BBtu)	54	54	122209.2	23289	2.29E+05

lotcb	Total Electrical System Energy Losses (BBtu)	54	54	458762.7	217868	7.43E+05
lotxb	Total electrical system losses (BBtu)	54	54	458762.7	217868	7.43E+05
luacb	Lubricants Consumed in Transport Sector (BBtu)	54	54	2824.63	2090	3568
luacd	Lubricants Price in Transport Sector (\$ per MMBtu)	44	43	25.07955	5.08	72.11
luacp	Lubricants Consumed in Transport Sector (Mbbbl)	54	47	465.7593	345	588
luacv	Lubricants Expenditures in Transport Sector (MM\$)	44	43	69.89318	11.4	170.3
luicb	Lubricants Consumed in Industrial Sector (BBtu)	54	54	2869.037	817	3781
luicd	Lubricants Price in Industrial Sector (\$ per MMBtu)	44	43	25.07955	5.08	72.11
luicp	Lubricants Consumed in Industrial Sector (Mbbbl)	54	47	473.0185	135	623
luicv	Lubricants Expenditures in Industrial Sector (MM\$)	44	44	72.94318	14.6	177.1
lutcb	Lubricants Total Consumption (BBtu)	54	54	5693.685	3209	7198
lutcd	Lubricants Average Price, All Sectors (\$ per MMBtu)	44	43	25.07955	5.08	72.11
lutcp	Lubricants Total Consumption (Mbbbl)	54	51	938.7593	529	1187
lutcv	Lubricants Average Price, All Sectors (MM\$)	44	44	142.8386	26	347.4
lutxb	Lubricants Total End Use Consumption (BBtu)	54	54	5693.685	3209	7198
lutxd	Lubricants Total End Use Consumption (\$ per MMBtu)	44	43	25.07955	5.08	72.11
lutxp	Lubricants Total End Use Consumption (Mbbbl)	54	51	938.7593	529	1187
lutxv	Lubricants Total End Use Expenditures (MM\$)	44	44	142.8386	26	347.4
man_cpex	Manufacturing, Total Capital Expenditures (k\$)	7	7	2576992	2078095	3.09E+06
man_cpex_gdp	Manufacturing Capital Expenditures as a Percentage of GDP (DEDI)	6	6	18.7058	17.01415	20.75082
man_cpex_pc	Manufacturing, Total Capital Expenditures per Capita (k\$)	7	7	0.6108801	0.4816969	0.7206609
man_emp	Manufacturing, Number of Employees	7	7	238181.4	201106	2.52E+05
man_emp_p	Manufacturing Employees as a Percentage of all Employed Persons (DEDI)	6	6	0.1289958	0.1221887	0.1333432
man_emp_pc	Manufacturing, Number of Employees Per Capita	7	7	0.0565272	0.0466158	0.0611005
man_gdp	GDP from Manufacturing (MM\$)	16	16	26088.31	22474	29746
man_gdp_p	Percentage of GDP from Manufacturing	16	16	0.1964253	0.1478164	0.2632312
man_pay	Manufacturing, Annual Payroll (k\$)	7	7	1.02E+07	8692679	1.08E+07
man_pay_pc	Manufacturing, Annual Payroll per Capita (k\$)	7	7	2.411623	2.01494	2.531138
man_ship	Manufacturing, Value of Shipments (k\$)	7	7	9.40E+07	5.43E+07	1.19E+08
man_ship_pc	Manufacturing, Value of Shipments per Capita (k\$)	7	7	22.21754	13.17857	27.98347
man_vadd	Manufacturing, Total Value Added (k\$)	7	7	5.46E+07	3.20E+07	9.73E+07
man_vadd_gdp	Manufacturing Value Added as a Percentage of GDP (DEDI)	7	7	0.3560127	0.20701	0.6396242
man_vadd_pc	Manufacturing, Total Value Added per Capita (k\$)	7	7	13.03229	7.416189	23.44617
man_whrs	Manufacturing, Production Worker Hours	7	7	2222298	294281	6.94E+06

man_whrs_pc	Manufacturing, Production Worker Hours Per Capita	7	7	0.5359799	0.0682136	1.672885
man_wpay	Manufacturing, Production Worker Wages (k\$)	7	7	5026224	382472	7.48E+06
man_wpay_pc	Manufacturing, Production Worker Wages per Capita (k\$)	7	7	1.183696	0.092207	1.757579
man_wrks	Manufacturing, Average Number of Production Workers	7	7	182000.4	152814	192276
man_wrks_pc	Manufacturing, Average Number of Production Workers Per Capita	7	7	0.0431933	0.0354219	0.0466845
man311_cpex	Manufacturing 311, Total Capital Expenditures (k\$)	7	7	236192.3	180709	2.91E+05
man311_emp	Manufacturing 311, Number of Employees	7	7	24278	22863	25215
man311_pay	Manufacturing311, Annual Payroll (k\$)	7	7	833072.1	727740	9.34E+05
man311_ship	Manufacturing 311, Value of Shipments (k\$)	7	7	7.03E+06	3609145	9.79E+06
man311_vadd	Manufacturing 311, Total Value Added (k\$)	7	7	4530208	2962097	7.65E+06
man311_whrs	Manufacturing 311, Production Worker Hours	7	7	171025.3	37071	509999
man311_wpay	Manufacturing 311, Production Worker Wages (k\$)	7	7	422479.3	36215	6.32E+05
man311_wrks	Manufacturing 311, Average Number of Production Workers	7	7	18614.57	17400	19684
man312_cpex	Manufacturing 312, Total Capital Expenditures (k\$)	7	7	66837.29	50099	84381
man312_emp	Manufacturing 312, Number of Employees	7	7	4142.857	3659	5035
man312_pay	Manufacturing 312, Annual Payroll (k\$)	7	7	187313.4	166547	215569
man312_ship	Manufacturing 312, Value of Shipments (k\$)	7	7	2412953	827062	3.61E+06
man312_vadd	Manufacturing 312, Total Value Added (k\$)	7	7	1982562	1196830	2.49E+06
man312_whrs	Manufacturing 312, Production Worker Hours	7	7	27465.71	4423	86652
man312_wpay	Manufacturing 312, Production Worker Wages (k\$)	7	7	71861	4750	111288
man312_wrks	Manufacturing 312, Average Number of Production Workers	7	7	2369.143	2116	2636
man313_cpex	Manufacturing 313, Total Capital Expenditures (k\$)	5	5	19955.4	5936	68020
man313_emp	Manufacturing 313, Number of Employees	7	7	2882.714	1028	11676
man313_pay	Manufacturing 313, Annual Payroll (k\$)	7	7	85702.57	30871	347205
man313_ship	Manufacturing 313, Value of Shipments (k\$)	5	5	413411.8	0	9.62E+05
man313_vadd	Manufacturing 313, Total Value Added (k\$)	4	4	574077	0	1.75E+06
man313_whrs	Manufacturing 313, Production Worker Hours	7	7	42562.29	1376	252921
man313_wpay	Manufacturing 313, Production Worker Wages (k\$)	7	7	25832.14	3002	35940
man313_wrks	Manufacturing 313, Average Number of Production Workers	7	7	2443.571	902	9636
man314_cpex	Manufacturing 314, Total Capital Expenditures (k\$)	4	4	15808	1742	47393
man314_emp	Manufacturing 314, Number of Employees	7	6	1857.143	1514	2476
man314_pay	Manufacturing 314, Annual Payroll (k\$)	7	7	48737.14	42549	59697
man314_ship	Manufacturing 314, Value of Shipments (k\$)	5	5	147921	0	2.76E+05
man314_vadd	Manufacturing 314, Total Value Added (k\$)	5	5	1.53E+05	0	2.71E+05

man314_whrs	Manufacturing 314, Production Worker Hours	7	7	12542.29	2181	38481
man314_wpay	Manufacturing 314, Production Worker Wages (k\$)	7	7	23754.86	2950	38699
man314_wrks	Manufacturing 314, Average Number of Production Workers	7	7	1480.143	1269	1767
man315_cpex	Manufacturing 315, Total Capital Expenditures (k\$)	6	6	19449.5	0	107941
man315_emp	Manufacturing 315, Number of Employees	7	7	4241.571	1389	7478
man315_pay	Manufacturing 315, Annual Payroll (k\$)	7	7	73905.86	30337	131243
man315_ship	Manufacturing 315, Value of Shipments (k\$)	6	6	302660.8	0	5.13E+05
man315_vadd	Manufacturing 315, Total Value Added (k\$)	6	6	397150.5	0	1.11E+06
man315_whrs	Manufacturing 315, Production Worker Hours	7	7	31887.57	2679	109696
man315_wpay	Manufacturing 315, Production Worker Wages (k\$)	7	7	38335.43	11266	81229
man315_wrks	Manufacturing 315, Average Number of Production Workers	7	7	3830.286	1166	6755
man316_cpex	Manufacturing 316, Total Capital Expenditures (k\$)	3	3	9794.667	1380	19537
man316_emp	Manufacturing 316, Number of Employees	3	3	2497.333	1422	4439
man316_pay	Manufacturing 316, Annual Payroll (k\$)	3	3	68904.67	44233	116961
man316_ship	Manufacturing 316, Value of Shipments (k\$)	3	3	290043.3	211281	396926
man316_vadd	Manufacturing 316, Total Value Added (k\$)	3	3	244870	101096	526301
man316_whrs	Manufacturing 316, Production Worker Hours	3	3	23974.67	2096	66955
man316_wpay	Manufacturing 316, Production Worker Wages (k\$)	3	3	22756.67	6129	34989
man316_wrks	Manufacturing 316, Average Number of Production Workers	3	3	1948.667	1147	3299
man321_cpex	Manufacturing 321, Total Capital Expenditures (k\$)	7	7	62681.29	30726	86929
man321_emp	Manufacturing 321, Number of Employees	7	7	11577.43	9931	12685
man321_pay	Manufacturing 321, Annual Payroll (k\$)	7	7	326658.9	280114	3.67E+05
man321_ship	Manufacturing 321, Value of Shipments (k\$)	7	7	1648663	908539	2.15E+06
man321_vadd	Manufacturing 321, Total Value Added (k\$)	7	7	1038835	6.24E+05	1.92E+06
man321_whrs	Manufacturing 321, Production Worker Hours	7	7	80859.43	15569	251408
man321_wpay	Manufacturing 321, Production Worker Wages (k\$)	7	7	185562.9	20273	2.73E+05
man321_wrks	Manufacturing 321, Average Number of Production Workers	7	7	9793.143	8151	10713
man322_cpex	Manufacturing 322, Total Capital Expenditures (k\$)	7	7	110438.1	73742	180875
man322_emp	Manufacturing 322, Number of Employees	7	7	9615	8871	10512
man322_pay	Manufacturing 322, Annual Payroll (k\$)	7	7	441777.6	423228	4.59E+05
man322_ship	Manufacturing 322, Value of Shipments (k\$)	7	7	4044339	2239601	4.93E+06
man322_vadd	Manufacturing 322, Total Value Added (k\$)	7	7	2737296	1832944	4.42E+06
man322_whrs	Manufacturing 322, Production Worker Hours	7	7	98697.86	13332	319389
man322_wpay	Manufacturing 322, Production Worker Wages (k\$)	7	7	213554	16590	3.03E+05

man322_wrks	Manufacturing 322, Average Number of Production Workers	7	7	7.47E+03	6828	8.09E+03
man323_cpex	Manufacturing 323, Total Capital Expenditures (k\$)	7	7	97251.29	55423	139464
man323_emp	Manufacturing 323, Number of Employees	7	7	12376.86	8961	13196
man323_pay	Manufacturing 323, Annual Payroll (k\$)	7	7	480015	354053	5.35E+05
man323_ship	Manufacturing 323, Value of Shipments (k\$)	7	7	1533272	651836	2.05E+06
man323_vadd	Manufacturing 323, Total Value Added (k\$)	7	7	1264574	846289	1.88E+06
man323_whrs	Manufacturing 323, Production Worker Hours	7	7	107873.3	15155	331899
man323_wpay	Manufacturing 323, Production Worker Wages (k\$)	7	7	252333.7	19945	3.65E+05
man323_wrks	Manufacturing 323, Average Number of Production Workers	7	7	9728.571	8092	10190
man324_cpex	Manufacturing 324, Total Capital Expenditures (k\$)	4	4	276175.5	60282	8.64E+05
man324_emp	Manufacturing 324, Number of Employees	7	7	2786.857	1170	11871
man324_pay	Manufacturing 324, Annual Payroll (k\$)	7	7	219027.4	86100	936073
man324_ship	Manufacturing 324, Value of Shipments (k\$)	4	4	7.23E+06	0	2.53E+07
man324_vadd	Manufacturing 324, Total Value Added (k\$)	5	5	7395322	0	3.14E+07
man324_whrs	Manufacturing 324, Production Worker Hours	7	7	77394.29	1456	4.81E+05
man324_wpay	Manufacturing 324, Production Worker Wages (k\$)	7	7	34826.86	0	59711
man324_wrks	Manufacturing 324, Average Number of Production Workers	7	7	1685.286	728	7248
man325_cpex	Manufacturing 325, Total Capital Expenditures (k\$)	7	7	304542.3	208229	4.64E+05
man325_emp	Manufacturing 325, Number of Employees	7	7	12787.57	12301	13621
man325_pay	Manufacturing 325, Annual Payroll (k\$)	7	7	775157.1	696970	8.31E+05
man325_ship	Manufacturing 325, Value of Shipments (k\$)	7	7	9.06E+06	3887500	1.24E+07
man325_vadd	Manufacturing 325, Total Value Added (k\$)	7	7	5.80E+06	4182276	7.98E+06
man325_whrs	Manufacturing 325, Production Worker Hours	7	7	1.38E+05	16523	4.42E+05
man325_wpay	Manufacturing 325, Production Worker Wages (k\$)	7	7	349647.1	16910	5.25E+05
man325_wrks	Manufacturing 325, Average Number of Production Workers	7	7	8604.714	8137	9540
man326_cpex	Manufacturing 326, Total Capital Expenditures (k\$)	7	7	177851.1	120098	240148
man326_emp	Manufacturing 326, Number of Employees	7	7	17929.43	14394	19015
man326_pay	Manufacturing 326, Annual Payroll (k\$)	7	7	622229.3	518272	6.68E+05
man326_ship	Manufacturing 326, Value of Shipments (k\$)	7	7	3661424	1794235	4.86E+06
man326_vadd	Manufacturing 326, Total Value Added (k\$)	7	7	2437931	1500208	3.93E+06
man326_whrs	Manufacturing 326, Production Worker Hours	7	7	144245.4	21578	442871
man326_wpay	Manufacturing 326, Production Worker Wages (k\$)	7	7	308709.9	30838	4.62E+05
man326_wrks	Manufacturing 326, Average Number of Production Workers	7	7	14219.71	10713	15231
man327_cpex	Manufacturing 327, Total Capital Expenditures (k\$)	7	7	136575.1	63754	178069

man327_emp	Manufacturing 327, Number of Employees	7	7	8.76E+03	7271	10095
man327_pay	Manufacturing 327, Annual Payroll (k\$)	7	7	3.61E+05	317115	3.82E+05
man327_ship	Manufacturing 327, Value of Shipments (k\$)	7	7	1948292	1013452	2.55E+06
man327_vadd	Manufacturing 327, Total Value Added (k\$)	7	7	1534532	835778	2.38E+06
man327_whrs	Manufacturing 327, Production Worker Hours	7	7	8.36E+04	10391	267745
man327_wpay	Manufacturing 327, Production Worker Wages (k\$)	7	7	1.89E+05	14764	2.76E+05
man327_wrks	Manufacturing 327, Average Number of Production Workers	7	7	6.90E+03	5496	8216
man331_cpex	Manufacturing 331, Total Capital Expenditures (k\$)	7	7	2.55E+05	112053	4.07E+05
man331_emp	Manufacturing 331, Number of Employees	7	7	13455.57	11736	13946
man331_pay	Manufacturing 331, Annual Payroll (k\$)	7	7	6.62E+05	606761	7.50E+05
man331_ship	Manufacturing 331, Value of Shipments (k\$)	7	7	9476282	3305603	1.37E+07
man331_vadd	Manufacturing 331, Total Value Added (k\$)	7	7	4454276	1608927	9.18E+06
man331_whrs	Manufacturing 331, Production Worker Hours	7	7	148675	18986	477365
man331_wpay	Manufacturing 331, Production Worker Wages (k\$)	7	7	367259.9	23288	5.65E+05
man331_wrks	Manufacturing 331, Average Number of Production Workers	7	7	10926	9366	11453
man3313_ship	Manufacturing 3313, Value of Shipments (k\$)	2	2	4616074	3927087	5.31E+06
man332_cpex	Manufacturing 332, Total Capital Expenditures (k\$)	7	7	164546	99933	3.17E+05
man332_emp	Manufacturing 332, Number of Employees	7	7	22873.57	20495	25129
man332_pay	Manufacturing 332, Annual Payroll (k\$)	7	7	883421.4	791462	9.92E+05
man332_ship	Manufacturing 332, Value of Shipments (k\$)	7	7	4283453	2046089	5.66E+06
man332_vadd	Manufacturing 332, Total Value Added (k\$)	7	7	3049169	2083041	5.28E+06
man332_whrs	Manufacturing 332, Production Worker Hours	7	7	177282.3	28962	557926
man332_wpay	Manufacturing 332, Production Worker Wages (k\$)	7	7	430456.1	32284	6.61E+05
man332_wrks	Manufacturing 332, Average Number of Production Workers	7	7	17136.71	15165	19247
man333_cpex	Manufacturing 333, Total Capital Expenditures (k\$)	7	7	91643.14	51083	127940
man333_emp	Manufacturing 333, Number of Employees	7	7	17542.29	14806	1.83E+04
man333_pay	Manufacturing 333, Annual Payroll (k\$)	7	7	743785.7	651863	8.25E+05
man333_ship	Manufacturing 333, Value of Shipments (k\$)	7	7	4318425	2118513	5.80E+06
man333_vadd	Manufacturing 333, Total Value Added (k\$)	7	7	2578262	1747142	4.08E+06
man333_whrs	Manufacturing 333, Production Worker Hours	7	7	128628.7	18246	395297
man333_wpay	Manufacturing 333, Production Worker Wages (k\$)	7	7	303547	23264	4.49E+05
man333_wrks	Manufacturing 333, Average Number of Production Workers	7	7	11917.14	10158	12434
man334_cpex	Manufacturing 334, Total Capital Expenditures (k\$)	7	7	141425.9	6430	7.33E+05
man334_emp	Manufacturing 334, Number of Employees	7	7	4849.143	2494	7200

man334_pay	Manufacturing 334, Annual Payroll (k\$)	7	7	326105	107632	5.68E+05
man334_ship	Manufacturing 334, Value of Shipments (k\$)	7	7	1649867	0	3.17E+06
man334_vadd	Manufacturing 334, Total Value Added (k\$)	7	7	1437441	152654	3.25E+06
man334_whrs	Manufacturing 334, Production Worker Hours	7	7	15369.14	2079	48687
man334_wpay	Manufacturing 334, Production Worker Wages (k\$)	7	7	32215.14	2959	5.39E+04
man334_wrks	Manufacturing 334, Average Number of Production Workers	7	7	1599.429	1188	2018
man335_cpex	Manufacturing 335, Total Capital Expenditures (k\$)	7	7	68410.29	33719	117838
man335_emp	Manufacturing 335, Number of Employees	7	7	8747.143	5731	12147
man335_pay	Manufacturing 335, Annual Payroll (k\$)	7	7	377094.3	271409	4.61E+05
man335_ship	Manufacturing 335, Value of Shipments (k\$)	7	7	2.55E+06	1.46E+06	3.30E+06
man335_vadd	Manufacturing 335, Total Value Added (k\$)	7	7	1686946	943285	3.06E+06
man335_whrs	Manufacturing 335, Production Worker Hours	7	7	97880	8562	323728
man335_wpay	Manufacturing 335, Production Worker Wages (k\$)	7	7	1.90E+05	16298	3.01E+05
man335_wrks	Manufacturing 335, Average Number of Production Workers	7	7	7098	4723	9719
man336_cpex	Manufacturing 336, Total Capital Expenditures (k\$)	7	7	585557	383621	8.10E+05
man336_emp	Manufacturing 336, Number of Employees	7	7	48277	39323	54580
man336_pay	Manufacturing 336, Annual Payroll (k\$)	7	7	2479784	1882451	2.85E+06
man336_ship	Manufacturing 336, Value of Shipments (k\$)	7	7	3.07E+07	2.33E+07	3.89E+07
man336_vadd	Manufacturing 336, Total Value Added (k\$)	7	7	1.61E+07	7230837	3.42E+07
man336_whrs	Manufacturing 336, Production Worker Hours	7	7	648573.9	60688	2.14E+06
man336_wpay	Manufacturing 336, Production Worker Wages (k\$)	7	7	1402260	81919	2.25E+06
man336_wrks	Manufacturing 336, Average Number of Production Workers	7	7	39287.43	31560	43870
man337_cpex	Manufacturing 337, Total Capital Expenditures (k\$)	6	6	16964.5	9486	32072
man337_emp	Manufacturing 337, Number of Employees	7	7	5084.429	3753	5600
man337_pay	Manufacturing 337, Annual Payroll (k\$)	7	7	155651.3	120495	1.82E+05
man337_ship	Manufacturing 337, Value of Shipments (k\$)	7	7	585333.7	277489	8.16E+05
man337_vadd	Manufacturing 337, Total Value Added (k\$)	7	7	380776.3	0	6.81E+05
man337_whrs	Manufacturing 337, Production Worker Hours	7	7	35502.29	5268	1.09E+05
man337_wpay	Manufacturing 337, Production Worker Wages (k\$)	7	7	82867.57	7736	1.34E+05
man337_wrks	Manufacturing 337, Average Number of Production Workers	7	7	4037.571	2860	4588
man339_cpex	Manufacturing 339, Total Capital Expenditures (k\$)	7	7	30394.43	15312	41730
man339_emp	Manufacturing 339, Number of Employees	7	7	6671	4917	7842
man339_pay	Manufacturing 339, Annual Payroll (k\$)	7	7	236833.9	189550	2.63E+05
man339_ship	Manufacturing 339, Value of Shipments (k\$)	7	7	931525.9	451151	1.24E+06

man339_vadd	Manufacturing 339, Total Value Added (k\$)	6	6	791379	490421	1.09E+06
man339_whrs	Manufacturing 339, Production Worker Hours	7	7	44210	6307	137898
man339_wpay	Manufacturing 339, Production Worker Wages (k\$)	7	7	92306.43	9253	1.45E+05
man339_wrks	Manufacturing 339, Average Number of Production Workers	7	7	4560.143	3247	5521
mbicb	Motor Gasoline Blending Components Consumed in Industrial Sector (BBtu)	54	13	-326.3519	-4163	1121
mbicp	Motor Gasoline Blending Components Consumed in Industrial Sector (Mbbbl)	54	13	-62.12963	-792	213
meea	State is MEEA Membor Indicator Variable	206	1	1	1	1
mgacb	Motor Gasoline Consumed in Transport Sector (BBtu)	54	54	214472	108815	2.76E+05
mgacd	Motor Gasoline Price in Transport Sector (\$ per MMBtu)	44	44	11.21864	2.93	29.28
mgacp	Motor Gasoline Consumed in Transport Sector (Mbbbl)	54	54	41128.61	20715	53030
mgacv	Motor Gasoline Expenditures in Transport Sector (MM\$)	44	44	2741.432	510	7393.4
mgccb	Motor Gasoline Consumed in Commercial Sector (BBtu)	54	45	1052.685	206	2335
mgccd	Motor Gasoline Price in Commercial Sector (\$ per MMBtu)	44	44	11.21864	2.93	29.28
mgccp	Motor Gasoline Consumed in Commercial Sector (Mbbbl)	54	36	200.6296	39	445
mgccv	Motor Gasoline Expenditures in Commercial Sector (MM\$)	44	36	7.565909	1.8	21.6
mgfu_cons	Total Net Gasoline Consumption (k gal.)	10	10	2214749	2077085	2.34E+06
mgfu_loss	Gasoline Fuel Use Loss (k gal.)	7	7	616.4286	2	4221
mgfu_pc	Motor Gasoline Fuel Use Per Capita	10	10	0.530828	0.5000722	0.564073
mgfu_total	Total Gasoline Fuel Use (k gal.)	10	10	2214742	2077078	2.34E+06
mghw_local	State, County, and Municipal Highway Gasoline Use (k gal.)	10	10	33901.9	31717	3.44E+04
mghw_pricom	Private & Commercial Highway Gasoline Use (k gal.)	10	10	2090820	1986293	2.19E+06
mghw_pub	Total Public Sector Highway Gasoline Use (k gal.)	10	9	36511.3	34608	36881
mghw_total	Total Highway Gasoline Use (k gal.)	10	10	2127331	2020901	2.23E+06
mgicb	Motor Gasoline Consumed in Industrial Sector (BBtu)	54	54	3817.593	260	11975
mgicd	Motor Gasoline Price in Industrial Sector (\$ per MMBtu)	44	44	11.21864	2.93	29.28
mgicp	Motor Gasoline Consumed in Industrial Sector (Mbbbl)	54	54	733	50	2307
mgicv	Motor Gasoline Expenditures in Industrial Sector (MM\$)	44	41	54.44318	2.3	239.7
mgnhw_local	State, County, Municipal non-Highway Gasoline Use (k gal.)	10	7	1771.1	1689	1792
mgnhw_pricom	Private & Commercial non-Highway Gasoline Use (k gal.)	10	10	85639.9	51677	117127
mgnhw_total	Total Non-Highway Use of Gasoline (k gal.)	10	10	87411	53468	1.19E+05
mgs	Motor Gasoline Stocks	17	17	1.15E+03	450	1.50E+03
mg tcb	Motor Gasoline Total Consumption (BBtu)	54	54	219342.3	113124	2.87E+05
mg tcd	Motor Gasoline Average Price, All Sectors (\$ per MMBtu)	44	44	11.21864	2.93	2.93E+01
mg tck	Factor Converting Motor Gasoline Physical Units To Btu, US (MMBtu/barrel)	1	1	5.253	5.253	5.25E+00

mgtcp	Motor Gasoline Total Consumption (Mbbbl)	54	54	42062.15	21535	55268
mgtcp_gal	Motor Gasoline Total Consumption (gal.)	50	50	1.74E+09	9.04E+08	2.32E+09
mgtcp_gal_pc	Motor Gasoline Consumption per Capita (gal./Individual)	50	50	469.357	297.4275	559.6169
mgtcv	Motor Gasoline Total Expenditures (MM\$)	44	44	2803.432	517.3	7502.1
mgtpv	Per Capita Motor Gasoline Expenditures	44	44	696.4114	160.1	1711.4
mgtxb	Motor gasoline total end-use consumption (BBtu)	54	54	219342.3	113124	2.87E+05
mgtxd	Motor Gasoline Total End-Use Price (\$ per MMBtu)	44	44	11.21864	2.93	2.93E+01
mgtxp	Motor Gasoline Total End-Use Consumption (Mbbbl)	54	54	42062.15	21535	5.53E+04
mgtxv	Motor Gasoline Total End-Use Expenditures (MM\$)	44	44	2803.432	517.3	7502.1
mmtcb	Motor gasoline total consumption excluding fuel ethanol (BBtu)	54	54	216553.4	113124	2.83E+05
mobile	Number of Mobile Homes (Predicted from ACS)	5	5	238315.5	232556.2	243005.8
mobile_p	Percentage of Homes that are Mobile Homes (ACS)	5	4	0.1244	0.122	0.126
mobile_p_ip	Predicted Values of Mobile Home Percentage Coverage 1970 to 2005 and 2011 2006	42	4	0.1258095	0.122	0.126
motos_pricom	Private & Commercial Motorcyle Registrations	10	10	55331.2	43990	68244
motos_pub	Public Motorcylce Registrations	10	4	8.6	7	16
msha	Value 99999 Required for Coal Production Database Integration	73	1	99999	99999	99999
msicb	Miscellaneous Petroleum Products Consumed in Industrial Sector (BBtu)	54	52	3123.37	538	7633
msicd	Miscellaneous Petroleum Products Price in Industrial Sector (	44	42	9.947955	1.12	32.69
msicp	Miscellaneous Petroleum Products Consumed in Industrial Sector (Mbbbl)s	54	50	538.9259	93	1317
msicv	Miscellaneous Petroleum Products Expenditures in Industrial Sector (MM\$)	44	42	30.49773	2.2	104.1
naicb	NG Consumed in Industrial Sector (BBtu)	54	1	0	0	0
naicp	NG Consumed in Industrial Sector (Mbbbl)	54	1	0	0	0
ngacb	NG Consumed in Transport Sector (BBtu)	54	54	21070.83	6711	37566
ngacd	NG Price in Transport Sector (\$ per MMBtu)	44	22	3.710682	0	10.75
ngacp	NG Consumed in Transport Sector (MM cu ft.)	54	54	20461.19	6522	36950
ngacp_lag	Lag of NG Consumed by Transport Sector (MM cu ft.)	49	49	21428.03	6521.851	36950
ngacv	NG Expenditures in Transport Sector (MM\$)	44	9	0.1363636	0	1.1
ngccb	NG Consumed in Commercial Sector (BBtu)	54	53	36765.17	18903	57832
ngccd	NG Price in Commercial Sector (\$ per MMBtu)	45	44	5.364	0.66	1.29E+01
ngccd_r	Real NG Price in Commercial Sector (\$ per MMBtu)	45	45	7.854279	3.7092	1.39E+01
ngccp	NG Consumed by the Commercial Sector (MM cu ft.)	54	54	35691.41	18264	57203
ngccp_lag	Lag of NG Consumed by Commercial Sector, incl sup Gases(MM cu ft)	49	49	35761.02	18264	57203
ngccp_pc	Commercial NG Consumption per Capita(k cu ft.)	54	54	9.683077	6.005919	16.20823
ngccv	NG Expenditures in Commercial Sector (MM\$)	44	43	198.2523	28.3	492.5

ngcgavg	Natural Gas City Gate Price (\$ US per Mcf)	27	27	4.804074	2.8	10.14
ngcgavg_ip	Predicted NG City Gate Price (\$ per Mcf)	39	39	3.437171	-0.1341352	10.0784
ngdrpd	Natural Gas Dry Production (MMcf)	27	27	76805.22	40507	111715
ngeib	NG Consumed in Electric Power Sector (BBtu)	54	52	5109.444	137	31877
ngeid	NG Price in Electric Power Sector (\$ per MMBtu)	44	42	3.571818	0.29	11.26
ngeid_r	Real 2010 NG Price In The Electric Power Sector, incl sup Gases (per	44	44	5.253262	1.620687	11.40398
ngeik	NG Conversion Factor, Physical Units to Btu, Electric Power Sector (Tho	53	15	1.02E+00	1.017	1.045
ngeip	NG Consumed in Electric Power Sector (MM cu ft.)	54	53	4988.611	135	31194
ngeip_lag	Lag of NG Consumed by Electric Power Sector, incl sup Gases (MM Cu Ft	49	49	3681.518	135.028	19375.74
ngeiv	NG Expenditures in Electric Power Sector (MM\$)	44	40	28.38864	0.1	161.3
ngflrd	Natural Gas Flared (MMcf)	42	3	0.5	0	15
ngicb	NG Consumed by the Industrial Sector (BBtu)	54	54	81706.33	47359	1.21E+05
ngicd	NG Price in Industrial Sector (\$ per MMBtu)	45	45	3.938539	0.48	10.05
ngicd_r	Real NG Price in Industrial Sector (\$ per MMBtu)	45	45	5.969283	2.6976	10.7409
ngicp	NG Consumed by the Industrial Sector (MM cu ft.)	54	54	79179.54	46113	1.17E+05
ngicp_lag	Lag of NG Consumed by Industrial Sector, incl sup Gases(MM cu ft)	49	49	76133.58	46113.01	1.17E+05
ngicv	NG Expenditures in Industrial Sector (MM\$)	44	43	337.0159	34.3	1042.1
ngisb	NG Consumed in Industrial Sector Excluding Refinery Fuel (BBtu)	43	43	79128.93	48147	111565
nglpb	NG Consumed As Lease and Plant Fuel (BBtu)	54	52	3346.204	998	9908
nglpp	NG Consumed As Lease and Plant Fuel (MM cu ft.)	54	53	3244.481	989	9772
nglss	Natural Gas Extraction Loss (MMcf)	42	41	4090.262	1416	11500
ngmpb	NG Marketed Production (BBtu)	54	53	88797.61	57451	1.46E+05
ngmpk	Conversion Factor NG Marketed Production (kBtu per cu fe	54	40	1.123852	1.056	1.235
ngmpp	NG Marketed Production (MM cu ft.)	55	55	82670.69	46720	2.57E+05
ngmpp_bcf	NG Marketed Production (Bcf)	55	55	82.67069	46.72	256.5138
ngmppe	Net Natural Gas Exports(MM\$) Cubic Ft.)	53	53	-126313.2	-191560	-72115
ngmppe_bcf	Net Natural Gas Exports (Billion Cubic Ft.)	53	53	-126.3132	-191.56	-72.115
ngmppi	Net Natural Gas Imports (MM\$) Cubic Ft.)	53	53	126313.2	72115	191560
ngmppi_bcf	Net Natural Gas Imports (Billion Cubic Ft.)	53	53	126.3132	72.115	191.56
ngpzb	NG Consumed As Pipeline Fuel (BBtu)	54	54	21056.15	6700	37566
ngpzp	NG Consumed As Pipeline Fuel (MM cu ft.)	54	54	20447.19	6510	36950
ngrcb	NG Consumed by the Residential Sector (BBtu)	54	54	67586.5	44413	97411
ngrcd	NG Price in Residential Sector (\$ per MMBtu)	45	45	5.889638	0.81	13.74
ngrcd_r	Real NG Price In The Residential Sector, incl sup Gases(per MMBtu)	45	45	8.596997	4.5522	14.86155

ngrcp	NG Consumed by the Residential Sector (MM cu ft.)	54	54	65641.2	43065	96351
ngrcp_lag	Lag of NG Consumed by Residential Sector, incl sup Gases (MM cu ft)	49	49	67154.11	47379.09	96351
ngrcp_pc	Residential NG Consumption per Capita (k cu ft.)	54	54	18.10252	9.831261	27.30065
ngrcv	NG Expenditures in Residential Sector (MM\$)	44	44	353.2795	71.6	761.5
ngrfb	NG Consumed As Refinery Fuel (BBtu)	43	42	4132.86	1087	8498
ngtcb	NG Total Consumption (BBtu)	56	55	204658.2	0	2.60E+05
ngtcb_ip	Predicted Value of NG Consumption Where Unknown	53	53	210378.1	152218.6	2.60E+05
ngtcd	NG Average Price, All Sectors (\$ per MMBtu)	44	44	4.726818	0.65	11.54
ngtcd_r	Real NG Average Price, All Sectors, incl sup Gases (per MMBtu)	44	44	7.179458	3.653	12.03607
ngtcd_r2010_aeo	ngtcd_r2010_AEO_1979	1	1	13.8813	13.8813	13.8813
ngtcd_r2010_aeo	ngtcd_r2010_AEO_1980	0	0	.	.	.
ngtcd_r2010_aeo	ngtcd_r2010_AEO_1981	0	0	.	.	.
ngtcd_r2010_aeo	ngtcd_r2010_AEO_1982	1	1	17.0287	17.0287	17.0287
ngtcd_r2010_aeo	ngtcd_r2010_AEO_1983	1	1	13.27821	13.27821	13.27821
ngtcd_r2010_aeo	ngtcd_r2010_AEO_1984	1	1	11.81574	11.81574	11.81574
ngtcd_r2010_aeo	ngtcd_r2010_AEO_1985	1	1	10.01112	10.01112	10.01112
ngtcd_r2010_aeo	ngtcd_r2010_AEO_1986	1	1	8.415847	8.415847	8.415847
ngtcd_r2010_aeo	ngtcd_r2010_AEO_1987	1	1	7.217346	7.217346	7.217346
ngtcd_r2010_aeo	ngtcd_r2010_AEO_1988	0	0	.	.	.
ngtcd_r2010_aeo	ngtcd_r2010_AEO_1989	1	1	6.89374	6.89374	6.89374
ngtcd_r2010_aeo	ngtcd_r2010_AEO_1990	1	1	6.366802	6.366802	6.366802
ngtcd_r2010_aeo	ngtcd_r2010_AEO_1991	0	0	.	.	.
ngtcd_r2010_aeo	ngtcd_r2010_AEO_1992	0	0	.	.	.
ngtcd_r2010_aeo	ngtcd_r2010_AEO_1993	0	0	.	.	.
ngtcd_r2010_aeo	ngtcd_r2010_AEO_1994	0	0	.	.	.
ngtcd_r2010_aeo	ngtcd_r2010_AEO_1995	0	0	.	.	.
ngtcd_r2010_aeo	ngtcd_r2010_AEO_1996	0	0	.	.	.
ngtcd_r2010_aeo	ngtcd_r2010_AEO_1997	0	0	.	.	.
ngtcd_r2010_aeo	ngtcd_r2010_AEO_1998	0	0	.	.	.
ngtcd_r2010_aeo	ngtcd_r2010_AEO_1999	0	0	.	.	.
ngtcd_r2010_aeo	ngtcd_r2010_AEO_2000	0	0	.	.	.
ngtcd_r2010_aeo	ngtcd_r2010_AEO_2001	0	0	.	.	.
ngtcd_r2010_aeo	ngtcd_r2010_AEO_2002	0	0	.	.	.
ngtcd_r2010_aeo	ngtcd_r2010_AEO_2003	0	0	.	.	.

ngtcd_r2010_aeo	ngtcd_r2010_AEO_2004	0	0	.	.	.
ngtcd_r2010_aeo	ngtcd_r2010_AEO_2005	0	0	.	.	.
ngtcd_r2010_aeo	ngtcd_r2010_AEO_2006	0	0	.	.	.
ngtcd_r2010_aeo	ngtcd_r2010_AEO_2007	0	0	.	.	.
ngtcd_r2010_aeo	ngtcd_r2010_AEO_2008	0	0	.	.	.
ngtcd_r2010_aeo	ngtcd_r2010_AEO_2009	0	0	.	.	.
ngtcd_r2010_aeo	ngtcd_r2010_AEO_2010	0	0	.	.	.
ngtcd_r2010_aeo	ngtcd_r2010_AEO_2011	0	0	.	.	.
ngtcd_r2010_aeo	ngtcd_r2010_AEO_2012	0	0	.	.	.
ngtcd_r2010_aeo	ngtcd_r2010_AEO_2013	0	0	.	.	.
ngtcd_r2010_aeo	ngtcd_r2010_AEO_2014	0	0	.	.	.
ngtck	NG Consumption Conversion Factor, Physical Units to Btu(k Btu p	53	31	1.030868	1.008	1.096
ngtcp	NG Total Consumption (MM cu ft.)	54	54	205961.9	148606	2.55E+05
ngtcp_bcf	NG Total Consumption (Bcf)	53	53	205.4775	148.606	255.208
ngtcp_i_bcf	NG Imports (BCF)	51	51	0.1270048	0.072115	0.19156
ngtcv	NG Total Expenditures (MM\$)	44	44	917.0727	136.7	2391.3
ngtprd	Natural Gas Total Production (MMcf)	42	42	76017.21	46720	114116
ngtprd_kgs	Natural Gas Total Production (MMcf) (KGS)	61	61	77520.3	46720.23	135147.1
ngtxb	NG Total End-Use Consumption (BBtu)	54	54	207128.8	151253	2.49E+05
ngtxd	NG Total End-Use price (\$ per MMBtu)	44	43	4.770455	0.66	11.55
ngtxk	Factor Converting NG Consumed by All Sectors Otherthan Electric po	53	32	1.030943	1.008	1.096
ngtxp	NG Total End-Use Consumption (including supplemental Gaseous Fuels)	54	54	200973.4	146318	2.46E+05
ngtxv	NG Total End-Use Expenditures (MM\$)	44	44	888.6841	134.2	2272.7
ngvhb	NG Consumed As Vehicle Fuel (BBtu)	54	21	14.61111	0	114
ngvhp	NG Consumed As Vehicle Fuel (MM cu ft.)	54	21	14.03704	0	110
ngw	Kentucky Natural Gas Wells	1	1	16290	16290	16290
ngwdr1	Natural Gas Total Withdrawals (MMcf)	42	42	75950.36	46720	1.13E+05
ngwoil	Natural Gas Withdrawals from Oil Wells (MMcf)	42	7	66.85714	0	1.53E+03
nnacb	NG Consumed in Transport Sector (Code Used in Seds2006) (B	54	54	21070.83	6711	3.76E+04
nnccb	NG Consumed by the Commercial Sector (Excluding Supplemental Gaseous Fu	54	53	36761.02	18903	57832
nneib	NG Consumed in Electric Power Sector (Excluding Supplemental Gaseous Fu	54	52	5108.981	137	31876
nnicb	NG Consumed by the Industrial Sector (Excluding Supplemental Gaseous Fu	54	54	81697.87	47359	1.21E+05
nnrcb	NG Consumed by the Residential Sector (Excluding Supplemental Gaseous F	54	54	67579.22	44413	97411
nntcb	NG Total Consumption (Excluding Supplemental Gaseous Fuels) (Code Used	54	54	212217.9	152219	2.60E+05

noaa_code	NOAA_State_Code (Unique to NOAA Databases)	59	1	15	15	15
noaa_state_code	NOAA_State_Code (Unique to NOAA Databases)	59	1	15	15	15
northeast	Indicator - State is in the North East Census Region	71	1	0	0	0
nox	NOX emissions in Kentucky from Electrical Power Generation (tons)	19	19	81576.69	61096.87	145815
nox_ep	NOX Emissions from Total Electric Power Industry (Metric Tons)	20	20	196816.1	78767.23	372190
nox_ep_coal	NOX Emissions from Coal Combustion to Electricity (Metric Tons)	20	20	234238.4	69975	344008
nox_ep_geo	NOX Emissions from Geothermal to Electricity (Metric Tons)	2	1	0	0	0
nox_ep_lbs	NOX Emissions from Total Electric Power Industry (Lbs.)	19	19	4.05E+08	1.58E+08	7.44E+08
nox_ep_ng	NOX Emissions from NG to Electricity (Metric tons)	20	20	841.65	30	2577
nox_ep_obm	NOX Emissions from Other Biomass Electricity Generation (Metric Tons)	15	15	793.4667	5	2480
nox_ep_og	NOX Emissions from Electricity Generation with Other Gases (Metric Tons)	13	6	67.15385	0	351
nox_ep_petro	NOX Emissions from Petroleum Electricity Generation (Metric Tons)	20	20	2829.55	70	11252
nox_ep_wood	NOX Emissions from Electricity Generation with Other Gases (Metric Tons)	15	15	462.8667	26	1216
noxi	NOX Emissions Intensity in Kentucky from Electrical Power Generation.	19	19	4.382438	1.738207	8.484384
noxz	Z-Score of Nitrogen Oxide Emissions from Electrical Power Generation in Kentucky	18	18	8.28E-09	-1.364564	1.22E+00
nrdc_red_req	NRDC CO2 Emission Reduction Requirements	3	3	29.03333	15.3	42.7
nrdc_red_req_r	NRDC CO2 Emission Reduction Requirements	3	3	29.03333	15.3	4.27E+01
nuegb	Electricity Produced from Nuclear Power in Electric Power Sector (BBtu)	54	1	0	0	0.00E+00
nuegd	Nuclear Fuel Price in Electric Power Sector (\$ per MMBtu)	44	1	0	0	0.00E+00
nuegp	Electricity Produced from Nuclear Power in Electric Power Sector(MM kilowa	54	1	0.00E+00	0	0.00E+00
nuegv	Nuclear Fuel Expenditures in Electric Power Sector (MM\$)	44	1	0	0	0.00E+00
nuetb	Electricity Produced from Nuclear Power (BBtu)	56	1	0	0	0
nuetd	Nuclear Fuel Average Price, All Sectors (\$ per MMBtu)	44	1	0	0	0.00E+00
nuetk	Conversion Fact Electricity Produced From Nuclear Power, US (MMBtu per kWh)	1	1	10.582	10.582	10.582
nuetp	Electricity Produced from Nuclear Power (GWh)	54	1	0	0	0
nuetv	Nuclear Fuel Total Expenditures (MM\$)	44	1	0	0	0
nuke	Nuclear Percentage	111	1	0	0	0.00E+00
opacb	Other Petroleum Consumed in the Transport Sector (BBtu)	54	53	3158.241	2351	4.19E+03
opacv	Other Petroleum Expenditures in the Transport Sector (MM\$)	44	44	75.15227	12.4	192.6
other	Percentage of Electricity from Unknown Sources (Rate Prediction Component)	20	8	0.0000591	0	2.36E-04
plicb	Asphalt, Road Oil, Kerosene, LubricantsConsumed in Industrial Sector	54	54	69084.57	26592	1.23E+05
plicd	Asphalt, Road Oil, Kerosene, LubricantsAverage Price in Industrial S	44	42	5.21	1.24	13.9
plicp	Asphalt, Road Oil, Kerosene, LubricantsConsumed in Industrial Sector	54	53	11404.04	4313	20616
plicv	Asphalt, Road Oil, Kerosene, Lubricants Expenditures in Industrial Secto	44	43	280.0591	53.1	661.4

p1tcb	Asphalt, Road Oil, Aviation Gasoline, Kerosene, Lubricants Total Consumptio	54	54	84869	37363	164268
p1tcd	Asphalt, Road Oil, Aviation Gasoline, Kerosene, Lubricants Avg Price (\$/MMBtu	44	43	5.643182	1.48	13.27
p1tcp	Asphalt, Road Oil, Aviation Gasoline, Kerosene, Lubricants Consumptio	54	54	14157.04	6262	2.79E+04
p1tcv	Asphalt, Road Oil, Aviation Gasoline, Kerosene, Lubricants Expenditures (\$	44	44	385.1477	90.3	8.65E+02
p1txb	Asphalt, Road Oil, aviation gasoline, kerosene, lubricants, and other petrol	54	54	78318.31	37363	126740
p1txd	Asphalt, Road Oil, aviation gasoline, kerosene, lubricants, and other petrol	44	43	6.252955	1.48	1.71E+01
p1txp	Asphalt, Road Oil, aviation gasoline, kerosene, lubricants, and other petrol	54	54	13024.83	6262	2.13E+04
p1txv	Asphalt, Road Oil, aviation gasoline, kerosene, lubricants, and other petrol	44	44	377.3432	90.3	819.3
p5rfb	Other petroleum products	43	43	22236.67	12168	31060
paacb	All Petroleum Products Consumed in Transport Sector (BBtu)	54	54	328491.6	132224	4.81E+05
paacd	All Petroleum Products Average Price in Transport Sector(\$ p	44	44	10.61955	2.58	28.52
paack	Conversion Fact Petro Prods Consumed by Transport Sector, US(MMBtu/barrel)	1	1	5.442	5.442	5.442
paacp	All Petroleum Products Consumed in Transport Sector (Mbbbl)	54	54	60908.61	24886	8.91E+04
paacv	All Petroleum Products Total Expenditures in Transport Sector (MM\$	44	44	4264.268	580	12559.8
paccb	All Petroleum Products Consumed in Commercial Sector (BBtu)	54	53	8736.944	3414	21576
paccd	All Petroleum Products Average Price in Commercial Sector (m	44	44	8.326136	1.33	2.39E+01
pacck	Conversion Fact Petro Prods Consumed by Commercial Sector, US (MMBtu/barrel	1	1	5.553	5.553	5.55E+00
paccp	All Petroleum Products Consumed in Commercial Sector (Mbbbl)	54	54	1658.037	705	3858
paccv	All Petroleum Products Total Expenditures in Commercial Sector(MM	44	43	60.52045	13.5	140.6
paieb	All Petroleum Products Consumed in Electric Power Sector (BBtu)	54	52	7747.519	46	43600
paeid	All Petroleum Products Average Price in Electric Power Sector(\$ p	44	40	3.440909	0.79	8.09
paaik	Conversion Fact Petro Prods Consumed by Electric Power Sector, US(MMBtu/barrel	1	1	6.244	6.244	6.244
paiep	All Petroleum Products Consumed in Electric Power Sector (Mbbbl)	54	51	1335.093	7	7.38E+03
paiev	All Petroleum Products Total Expenditures in Electric Power Sector (MM\$	44	43	18.225	0.7	77.4
pahck	Conversion Fact Petro Prods Consumed by Res & Com Sectors, US (MMBtu/barrel	1	1	5.307	5.307	5.307
paicb	All Petroleum Products Consumed in Industrial Sector (BBtu)	54	54	122196.7	50347	1.91E+05
paicd	All Petroleum Products Average Price in Industrial Sector (m	44	41	6.892727	1.25	1.99E+01
paick	Conversion Fact Petro Prods Consumed by Industrial Sector, US (MMBtu/barrel	1	1	5.253	5.253	5.253
paicp	All Petroleum Products Consumed in Industrial Sector (Mbbbl)	54	54	22569.72	9134	35428
paicv	All Petroleum Products Total Expenditures in Industrial Sector(MM	44	44	792.1841	100.5	2260.8
papr	Crude Oil Production (Including Lease Condensate) (BBtu)	54	53	43157.69	13491	1.23E+05
papr	Crude Oil Production (Including Lease Condensate) (Mbbbl)	55	54	7367.073	2326	21147
parcb	All Petroleum Products Consumed in Residential Sector (BBtu)	54	54	16567.52	6915	27554
parcd	All Petroleum Products Average Price in Residential Sector (	44	42	11.23727	1.9	30.54

parck	Conversion Fact Petro Prods Consumed by Residential Sector, US (MMBtu/barrel)	1	1	5.145	5.145	5.145
parcp	All Petroleum Products Consumed in Residential Sector (Mbbbl)	54	54	3686.519	1752	5910
parcv	All Petroleum Products Total Expenditures in Residential Sector (MM	44	44	152.3341	49.6	321.7
patcb	All Petroleum Products Total Consumption (BBtu)	56	55	466463.9	0	7.11E+05
patcb_ip	Predicted Value of Petroleum Consumption Where Unknown	52	51	486674.3	200131	7.18E+05
patcd	All Petroleum Products Average Price, All Sectors (\$ per MM B	44	42	9.570909	2.18	25.84
patcd_r	Real Petroleum Products Average Price, All Sectors	44	44	15.04057	9.511522	24.78757
patck	Conversion Fact Petro Prods Total Consumption, US (MMBtu/barrel)	1	1	5.411	5.411	5.411
patcp	All Petroleum Products Total Consumption (Mbbbl)	54	54	90158.04	37696	1.32E+05
patcpe	Net Crude Oil Exports (Mbbbl)	53	53	-82229.94	-129178	-1.67E+04
patcpi	Net Crude Oil Imports (Mbbbl)	53	53	82229.94	16680	1.29E+05
patcv	All Petroleum Products Total Expenditures (MM\$)	44	44	5287.525	749.1	1.51E+04
patxb	All petroleum products total end-use consumption.	54	54	475992.8	200217	6.72E+05
patxd	All petroleum products average price, all end-use sectors.	44	43	9.777045	2.18	26.48
patxp	All petroleum products total end-use consumption.	54	54	88822.83	37689	1.25E+05
patxv	All petroleum products total end-use expenditures.	44	44	5269.307	748.4	15098.5
pcccb	Petroleum Coke Consumed in Commercial Sector (BBtu)	54	1	0	0	0
pcccd	Petroleum Coke Price in Commercial Sector (\$ per MMBtu)	44	1	0	0	0
pcccp	Petroleum Coke Consumed in Commercial Sector (Mbbbl)	54	1	0	0	0.00E+00
pcccv	Petroleum Coke Expenditures in Commercial Sector (MM\$)	44	1	0	0	0.00E+00
pceib	Petroleum Coke Consumed in Electric Power Sector (BBtu)	54	14	6550.704	0	4.17E+04
pceid	Petroleum Coke Price in Electric Power Sector (\$ per MMBtu)	44	13	0.3018182	0	1.83E+00
pceip	Petroleum Coke Consumed in Electric Power Sector (Mbbbl)	54	14	1132.204	0	7.15E+03
pceiv	Petroleum Coke Expenditures in Electric Power Sector (MM\$)	44	14	7.811364	0	49
pcicb	Petroleum Coke Consumed in Industrial Sector (BBtu)	54	53	23107.3	447	7.02E+04
pcicd	Petroleum Coke Price in Industrial Sector (\$ per MMBtu)	44	38	1.852045	0.53	4.97
pcicp	Petroleum Coke Consumed in Industrial Sector (Mbbbl)	54	52	3896.204	74	12147
pcicv	Petroleum Coke Expenditures in Industrial Sector (MM\$)	44	44	45.24091	3.1	230.6
pcisb	Petroleum coke price in the industrial sector excluding refinery fuel (BBtu	43	43	22144.7	5645	6.54E+04
pcpi	Per Capita Personal Income (\$)(BEA)	86	85	10071.16	204	3.77E+04
pcpi_r	Real Per Capita Personal Income (\$)	86	86	18580.87	3310.631	3.46E+04
pcpi_r_agr_sd	Real per Capita Personal Income Annual Growth Rate Standard Deviation	206	1	0.0247687	0.0247687	2.48E-02
pcrfb	Petroleum coke consumed as refinery fuel (BBtu)	53	51	5431.321	447	8.73E+03
pctcb	Petroleum Coke Total Consumption (BBtu)	54	53	29658	447	107732

pctcd	Petroleum Coke Average Price, All Sectors (\$ per MMBtu)	44	39	1.651818	0.53	3.27E+00
pctcp	Petroleum Coke Total Consumption (Mbbbl)	54	52	5028.426	74	18709
pctcv	Petroleum Coke Total Expenditures (MM\$)	44	44	53.05	3.1	2.76E+02
peacd	Primary Energy Average Price in Transport Sector (\$ perMMli	44	44	10.62068	2.58	28.52
peacv	Primary Energy Total Expenditures in Transport Sector (MM\$)oll	44	44	4.27E+03	580.1	1.26E+04
peccd	Primary Energy Average Price in Commercial Sector (\$ per MM B	44	44	5.417727	0.76	1.38E+01
peccv	Primary Energy Total Expenditures in Commercial Sector (MM\$)	44	44	269.5182	45.1	633.3
peeid	Primary Energy Average Price in Electric Power Sector (\$ perMMli	44	36	1.29E+00	0.22	2.48E+00
peeiv	Primary Energy Total Expenditures in Electric Power Sector (MM\$)oll	44	44	1033.048	90.6	2.39E+03
peicd	Primary Energy Average Price in Industrial Sector (\$ per MM B	44	41	4.622955	0.7	11.18
peicv	Primary Energy Total Expenditures in Industrial Sector (MM\$)	44	44	1269.977	183.1	3532.9
percd	Primary Energy Average Price in Residential Sector (\$ per MM	44	44	6.615227	1.07	15.26
perc	Primary Energy Total Expenditures in Residential Sector (MM\$) rs	44	44	526.5568	128.8	1.10E+03
petcd	Primary Energy Average Price, All Sectors (\$ per MMBtu)	44	43	4.507273	0.95	10.68
petcv	Primary Energy Total Expenditures (MM\$)	44	44	7370.193	1031.6	1.92E+04
petro	Petroleum Percentage	111	26	0.0032726	0	3.83E-02
petxd	Primary energy Average price, All Sectors (\$ per MMBtu)	44	44	7.839318	1.41	2.05E+01
petxv	Primary energy average expenditures, all sectors.	44	44	6.34E+03	941	1.69E+04
pmtcb	All petroleum products total consumption excluding fuel ethanol (BBtu)	54	54	4.81E+05	200263	7.05E+05
poicb	Other Petroleum Products Consumed in Industrial Sector (BBtu)	54	54	46422.61	10331	96898
poicd	Other Petroleum Products Average Price in Industrial Sector (\$ per	44	43	4.365455	1.37	1.01E+01
poicp	Other Petroleum Products Consumed in Industrial Sector (Mbbbl)	54	54	7903.981	1738	16681
poicv	Other Petroleum Products Total Expenditures in Industrial Sector (MM\$)	44	44	130.425	22	406.9
pop	Population (People)	55	55	3718242	3041000	4.41E+06
pop_agr_sd	Population AGR Standard Deviation	311	1	0.0051956	0.0051956	5.20E-03
pop_chg_sd	Population Annual Change Standard Deviation	161	1	18793.46	18793.46	1.88E+04
pop_dens	Population Density (Total per sq mi.)	9	8	104.5089	101.73	1.07E+02
pop_phh	Persons per Household (pop/households)	14	14	2.253914	2.225393	2.30E+00
pop_ru	Rural Population	59	58	1677967	0	2.00E+06
pop_ru_ip	Rural Population (DEDI Modeling Component)	45	45	1726933	1560624	1.80E+06
pop_ru_o	Rural Population (Original Census Data)	7	7	1776881	1534653	2.00E+06
pop_ru_p	Rural Population as Percent of Total Population	61	60	0.4997377	0.404	0.7
pop_ru_p_ip	Rural Population as Percent of Total Population (DEDI Modeling Component)	9	9	0.4208889	0.404	0.4377778
pop_rural	Rural Population	59	58	1677967	0	2.00E+06

pop_ur	Urban Population	59	58	1886007	0	2.63E+06
pop_ur_ip	Urban Population (DEDI Modeling Component)	45	45	1938258	1368192	2.57E+06
pop_ur_o	Urban Population (Original Census Data)	7	7	1570996	849327	2.25E+06
pop_ur_p	Urban Population as Percent of Total Population	61	60	0.5004262	0.3	5.96E-01
pop_ur_p_ip	Urban Population as Percent of Total Population (DEDI Modeling Component)	54	54	0.5055185	0.377	5.96E-01
pop_ur_p_o	Urban Population as Percent of Total Population (Original Census Data)	7	6	0.4611429	0.3	0.558
pop_urban	Urban Population	59	58	1886007	0	2.63E+06
popz	Population of the Commonwealth of Kentucky (Z-Score)	49	49	-0.0367612	-1.662991	1.730055
potcb	Other Petroleum Products Total Consumption (BBtu)	54	54	52973.33	10331	134427
potcd	Other Petroleum Products Average Price, All Sectors (\$ per MMLio)	44	43	3.920909	1.37	7.08E+00
potcp	Other Petroleum Products Total Consumption (Mbbbl)	54	54	9036.204	1738	2.32E+04
potcv	Other Petroleum Products Total Expenditures (MM\$)	44	43	138.225	22	452.6
potxb	Other petroleum products total end-use consumption (BBtu)	54	54	46422.61	10331	9.69E+04
potxd	Other Petroleum Products Total End-Use price (\$ per MMBtu)	44	43	4.365455	1.37	1.01E+01
potxp	Other petroleum products total end-use consumption (Mbbbl)	54	54	7903.981	1738	1.67E+04
potxv	Other Petroleum Products Total End-Use Expenditures (MM\$)	44	44	130.425	22	4.07E+02
ppicb	Pentanes Plus Consumed in Industrial Sector (BBtu)	54	1	0	0	0.00E+00
ppicp	Pentanes Plus Consumed in Industrial Sector (Mbbbl)	54	1	0	0	0
rain	Annual Rainfall in Kentucky (Inches)	49	48	48.23	34.45	6.29E+01
rainz	Annual Rainfall in Kentucky (Z-Score)	49	48	-0.0157298	-2.232964	2.338271
rate	Total Electricity Rate	45	45	4.278633	1.130252	8.13E+00
rate_2011	Rate 2011 Forever After 2011	131	42	6.87646	5.163528	10.64817
rate_o	Total Electricity Price (Cents per kWh) (EIA-ESRP)	19	17	4.546842	4.03	6.26E+00
rate_r	Total Real Electricity Price (2010 Real Cents per kWh)	45	45	7.107881	5.116895	1.05E+01
rate_r_sd	Standard Deviation of Real Electricity Prices (2010)	42	1	1.757577	1.757577	1.76E+00
rate_rank	Rank of Electricity Price by Year	161	47	21.43478	1	5.10E+01
ratecom	Commercial Electricity Rate	55	46	4.013494	0	9.34E+00
ratecom_r	Commercial Real Electricity Price (2010 Real Cents per kWh)	55	46	6.601582	0	11.50999
rateind	Industrial Electricity Rate	45	45	3.318413	0.7310794	5.67E+00
rateind_r	Industrial Real Electricity Price (2010 Real Cents per kWh)	45	45	5.650089	3.639994	9.99902
rateres	Residential Electricity Rate	45	45	5.566612	1.833841	10.05081
rateres_r	Residential Real Electricity Price (2010 Real Cents per kWh)	45	45	9.426521	6.84401	12.93667
ratetrans	Transport Electricity Price (Cents per kWh)	41	3	0.4357712	0	1.16E+01
ratetrans_ip	Predicted Value of rate (R2=~0.9959)	41	3	0.4297899	0	1.14E+01

reacb	Renewable Energy Consumption in the Transportation Sector (Billion BTU)	54	34	3411	0	1.78E+04
recb	Renewable Energy Consumption in the Commercial Sector (Billion BTU)	54	54	1004.37	167	2.86E+03
reeib	Renewable Energy Consumption in the Electrical Power Sector (Billion BTU)	54	54	32232.98	17624	4.59E+04
regulated	Indicator State Electricity Market is Regulated (Constant Dummy)	71	1	1	1	1
reicb	Renewable Energy Consumption in the Industrial Sector (Billion BTU)	54	54	12284	2166	2.25E+04
reprb	Renewable Energy Production (BBtu)	54	54	59173.83	36052	82531
reprbl	Losses from Renewable Energy Production (BBtu)	49	38	411.0801	-0.0121875	4.96E+03
rercb	Renewable Energy Consumption in the Residential Sector (Billion BTU)	54	54	13229.22	5180	26769
retcb	Total Renewable Energy Consumption (Billion BTU)	54	54	48932.35	30129	7.14E+04
rfacb	Residual Fuel Oil Consumed in Transport Sector (BBtu)	54	29	174.4074	0	1.57E+03
rfacd	Residual Fuel Oil Price in Transport Sector (\$ per MM Bt	44	22	1.519545	0	8.06E+00
rfacp	Residual Fuel Oil Consumed in Transport Sector (Mbbbl)	54	23	27.7963	0	2.50E+02
rfacv	Residual Fuel Oil Expenditures in Transport Sector (MM\$) rs	44	7	0.3340909	0	8.20E+00
rfccb	Residual Fuel Oil Consumed in Commercial Sector (BBtu)	54	31	44.2963	0	280
rfccd	Residual Fuel Oil Price in Commercial Sector (\$ per MMBtu)	44	27	1.946818	0	6.66E+00
rfccp	Residual Fuel Oil Consumed in Commercial Sector (Mbbbl)	54	20	7.074074	0	45
rfccv	Residual Fuel Oil Expenditures in Commercial Sector (MM\$)	44	8	0.1431818	0	1.4
rfeib	Residual Fuel Oil Consumed in Electric Power Sector (BBtu)	54	19	224.0185	0	2357
rfeid	Residual Fuel Oil Price in Electric Power Sector (\$ per MM Bt	44	9	0.3190909	0	2.18E+00
rfeid_r	Residual Fuel Oil Price in Electric Power Sector (2010 \$ per MMBtu)	44	11	1.291959	0	7.17E+00
rfeip	Residual Fuel Oil Consumed in Electric Power Sector (Mbbbl)	54	19	35.61111	0	3.75E+02
rfeiv	Residual Fuel Oil Expenditures in Electric Power Sector (MM\$) rs	44	10	0.3318182	0	2.00E+00
rficb	Residual Fuel Oil Consumed in Industrial Sector (BBtu)	54	53	3744.574	0	1.67E+04
rficd	Residual Fuel Oil Price in Industrial Sector (\$ per MMBtu)	44	42	4.451364	0	16.91
rficp	Residual Fuel Oil Consumed in Industrial Sector (Mbbbl)	54	52	595.537	0	2.66E+03
rficv	Residual Fuel Oil Expenditures in Industrial Sector (MM\$)	44	36	7.347727	0	28.7
rfisb	Residual Fuel Oil Consumed in Industrial Sector Excluding Refinery Fuel (BBtu)	43	42	2448.767	0	1.23E+04
rfrfb	Residual Fuel Oil Consumed As Refinery Fuel (BBtu)	43	42	1486.698	0	8254
rftcb	Residual Fuel Oil Total Consumption (BBtu)	54	53	4.19E+03	0	1.78E+04
rftcd	Residual Fuel Oil Average Price, All Sectors (\$ per MMBtu)	44	41	4.451591	0	1.69E+01
rftcp	Residual Fuel Oil Total Consumption (Mbbbl)	54	53	666.0185	0	2.83E+03
rftcv	Residual Fuel Oil Total Expenditures (MM\$)	44	37	8.16E+00	0	3.06E+01
rftxb	Residual fuel oil consumed as refinery fuel (BBtu)	54	53	3963.222	0	1.68E+04
rftxd	Residual Fuel Oil Average price, All Sectors (\$ per MMBtu)	44	41	4.451591	0	1.69E+01

rftxp	Residual fuel oil average consumption (Mbbbl)	54	52	630.3704	0	2.68E+03
rftxv	Residual Fuel Oil Average Expenditures, All Sectors (MM\$)	44	37	7.825	0	29
rggi	State is a RGGI Member (Binary Time Series Indicator)	206	1	0	0	0
roprb	Renewable Energy Production, Other Than Fuel Ethanol (BBtu)	54	54	58334.63	36052	82531
rps	Renewable Portfolio Standards (3 Step)	19	19	247263.6	145815	3.44E+05
rtw	Right to Work State Panel TS Indicator (1=Yes/0=No	311	1	0	0	0
se_region	Southeast Region (dummy)	61	1	1	1	1.00E+00
sfccb	Supplemental Gaseous Fuels Consumed in Commercial Sector (BBtu)	34	13	6.470588	0	6.00E+01
sfeib	Supplemental Gaseous Fuels Consumed in Electric Power Sector (BBtu)	34	4	0.6764706	0	1.10E+01
sfinb	Supplemental Gaseous Fuels Consumed in Industrial Sector (BBtu)	34	19	13.35294	0	92
sfrcb	Supplemental Gaseous Fuels Consumed in Residential Sector (BBtu)	34	16	11.5	0	1.10E+02
sftcb	Supplemental Gaseous Fuels Total Consumption (BBtu)	34	24	32.32353	0	264
sgicb	Still Gas Consumed in Industrial Sector (BBtu)	54	54	16593.96	7109	21831
sgicp	Still Gas Consumed in Industrial Sector (Mbbbl)	54	52	2765.704	1185	3639
snicb	Special Naphthas Consumed in Industrial Sector (BBtu)	54	51	4620.278	0	8.83E+03
snicd	Special Naphthas Price in Industrial Sector (\$ per MMBtu)	44	36	11.95523	1.96	3.13E+01
snicp	Special Naphthas Consumed in Industrial Sector (Mbbbl)	54	50	880.4074	0	1.68E+03
snicv	Special Naphthas Expenditures in Industrial Sector (MM\$)	44	43	45.14318	12.9	9.83E+01
so2	SO2 Emissions from the Total Electrical Power Industry (tons)	19	19	37840.75	16813.55	3.17E+05
so2_ep	SO2 Emissions from Total Electric Power Industry (Metric Tons)	20	20	445780.5	186176.1	6.76E+05
so2_ep_cl_i	SO2 Emissions Intensity of Coal Fired Electricity Generation (Tons per mWh)	20	20	0.0067717	0.0026753	1.16E-02
so2_ep_coal	SO2 Emissions from Coal Combustion to Electricity (Metric Tons)	20	20	558130.6	224824	8.92E+05
so2_ep_coal_i	SO2 Emissions Intensity of Coal Fired Electricity Generation (Tons per mWh)	20	20	0.0067717	0.0026753	1.16E-02
so2_ep_geo	SO2 Emissions from Geothermal to Electricity (Metric Tons)	2	1	0	0	0
so2_ep_lbs	SO2 Emissions from Total Electric Power Industry (Lbs.)	19	19	9.17E+08	3.72E+08	1.35E+09
so2_ep_ng	SO2 Emissions from NG to Electricity (Metric tons)	20	7	46.25	0	4.70E+02
so2_ep_obm	SO2 Emissions from Other Biomass Electricity Generation (Metric Tons)	15	10	66.93333	0	546
so2_ep_og	SO2 Emissions from Electricity Generation with Other Gases (Metric Tons)	13	4	1.230769	0	11
so2_ep_petro	SO2 Emissions from Petroleum Electricity Generation (Metric Tons)	20	20	3242.8	105	15531
so2_ep_wood	SO2 Emissions from Electricity Generation with Other Gases (Metric Tons)	15	12	1629.6	3	3708
so2i	SO2 Intensity (SO2 Emissions / Total Electricity Generation)	19	19	9.88E+00	4.15E+00	1.57E+01
so2z	Z-Score of Sulfur Dioxide Emissions from the Total Electrical Power Industry	18	18	-5.17E-09	-1.498897	1.809205
soccb	Photovoltaic and Solar Thermal Energy Consumed by the Commercial Sector (BBtu)	54	1	0.00E+00	0	0.00E+00
soegb	Electricity Produced from Solar PV and Solar Thermal (BBtu)	54	1	0	0	0

soegp	Electricity Produced from Solar PV and Solar Thermal (GWh)	54	1	0.00E+00	0	0.00E+00
sohcb	Solar Thermal Energy Consumed in Residential and Commercial Sectors (BBtu)	54	14	16.81481	0	188
soicb	Photovoltaic and Solar Thermal Energy Consumed by the Industrial Sector (BBtu)	54	1	0.00E+00	0	0.00E+00
solar	Solar Percentage	111	1	0.00E+00	0.00E+00	0
sotcb	Solar PV and Solar Thermal Total Consumption (BBtu)	54	14	16.81481	0	188
sotxb	Photovoltaic and solar thermal energy Total End-Use Consumption (BBtu)	54	14	16.81481	0	1.88E+02
southeast	Indicator - State is the South Atlantic or East South Central Census Divisions	71	1	1	1	1
sp500	Standard & Poor's 500 Index Annual Average Price	71	71	334.9335	8.673333	1.48E+03
sp500_r	Real Value of Standard & Poor's 500 Index Price (1982-84=100)	71	71	588.8672	116.029	1807.012
tax_state	Total Tax \$ Collected by State Government (k\$)	65	65	3169820	47629	1.00E+07
tax_state_code	Total State Government Taxes as Percentage of GDP (/ \$)	48	48	0.0582372	0.0402909	0.0703579
teacb	Total Energy Consumed in Transport Sector (BBtu)	56	55	337827.3	0	4.93E+05
teacb_gdp	Transport Energy Intensity of Production (Btu per Unit of GDP(\$))	46	46	9.232805	2.930927	21.65166
teacb_gdpr	Transport Energy Intensity of Production (Btu per Unit of GDP(2005 Real \$))	48	48	14464.89	12832.9	16681.79
teacb_gdpr_2010	Transport Energy Consumption per GDP (MMBtu/\$ 2010)	51	51	3.089149	2.56183	3.51E+00
teacb_gdpr10	Transport Energy Consumption per GDP (MMBtu/\$ 2010)	51	51	3089.149	2561.83	3510.035
teacb_p	Transport Energy Consumption as a Percentage of Total	51	51	0.2342921	0.186438	0.271268
teacb_pc	Total Energy Consumed by Transport Sector (MMBtu per Capita)	54	54	92.83887	50.23215	116.8032
teacb_phh	Total Energy Consumed by Transport Sector per Household (BBtu)	14	14	0.2465505	0.2273216	0.2622814
teacd	Total Energy Average Price in Transport Sector (\$ per MM)	44	44	10.62068	2.58	28.52
teacv	Total Energy Expenditures in Transport Sector (MM\$)	44	44	4271.109	580.1	12559.8
teacv_p	Transport Expenditures as a Percentage of Total	41	41	0.4185431	0.345657	0.5045096
teapb	Total Energy Consumption per Capita in the Transport Sector (MMBtu)	54	39	92.66667	50	1.17E+02
teccb	Total Energy Consumed in Commercial Sector (BBtu)	58	54	159680.6	0	2.84E+05
teccb_gdp	Commercial Energy Intensity of Production (Btu per Unit of GDP(\$))	46	46	3.901129	1.642092	7.46431
teccb_gdpr	Commercial Energy Intensity of Production (Btu per Unit of GDP(2005 Real \$))	48	48	14464.89	12832.9	1.67E+04
teccb_gdpr_2010	Commercial Energy Consumption per GDP (MMBtu/\$ 2010)	51	51	1.46518	0.8821649	1.725441
teccb_gdpr10	Commercial Energy Consumption per GDP (MMBtu/\$ 2010)	51	51	1465.18	882.1649	1725.441
teccb_p	Commercial Energy Consumption as a Percentage of Total	51	51	0.1086855	0.0627075	1.33E-01
teccb_pc	Total Energy Consumed by Commercial Sector per Capita (MMBtu)	54	54	44.79791	17.05755	64.69691
teccb_phh	Total Energy Consumed by Commercial Sector per Household (BBtu)	14	14	0.1384351	0.1304356	1.47E-01
teccd	Total Energy Average Price in Commercial Sector (\$ per MMBtu)	44	44	9.465682	1.54	19.72
teccv	Total Energy Expenditures in Commercial Sector (MM\$)	44	44	964.5136	108.6	2229.3
teccv_p	Commercial Expenditures as a Percentage of Total	41	41	0.1008176	0.0680141	0.1263132

tecgr	Total Energy Consumptin Annual Growth Rate	28	28	0.0121821	-0.03888	0.07084
tecpb	Total Energy Consumption per Capita in the Commercial Sector (MMBtu)	54	31	44.72222	17	65
tepc	Total Energy Consumption Per Capita	49	49	0.3900837	0.2684499	0.4812141
teeib	Total Energy Consumed in Electric Power Sector (BBtu)	54	54	688950.1	202261	1.04E+06
tegd	Total energy per unit of GDP	19	19	17.13541	15.56211	19.15482
tegds	Energy Expenditures As Share of GDP (Percent)	17	17	10.56294	7.34	1.42E+01
teicb	Total Energy Consumed in Industrial Sector (BBtu)	56	55	634774.6	0	8.86E+05
teicb_gdp	Industrial Energy Intensity of Production (Btu per Unit of GDP(\$))	49	49	18.39825	4.786971	60.53764
teicb_gdpr	Industrial Energy Intensity of Production (Btu per Unit of GDP(2005 Real \$))	48	48	14464.89	12832.9	16681.79
teicb_gdpr_2010	Industrial Energy Consumption per GDP (MMBtu/\$ 2010)	51	51	5.86E+00	4.15E+00	8.50E+00
teicb_gdpr10	Industrial Energy Consumption per GDP (MMBtu/\$ 2010)	51	51	5864.056	4148.854	8495.303
teicb_p	Industrial Energy Consumption as a Percentage of Total	51	51	0.4740244	0.4024689	0.5862274
teicb_pc	Total Energy Consumed by Industrial Sector per Capita (MMBtu)	54	54	176.4229	139.3624	209.5878
teicb_phh	Total Energy Consumed by Industrial Sector per Household (BBtu)	14	14	0.438589	0.3681446	0.4752541
teicd	Total Energy Average Price in Industrial Sector (\$ per MMBtu)	44	42	6.180455	1.01	1.26E+01
teicv	Total Energy Expenditures in Industrial Sector (MM\$)	44	44	2433.127	333.7	5687.2
teicv_p	Industrial Expenditures as a Percentage of Total	41	41	0.2966362	0.2365874	0.349114
teipb	Total Energy Consumption per Capita in the Industrial Sector (MMBtu)	54	37	176.1296	139	210
tepfb	Total energy used as process fuel (BBtu)	43	43	580507	331303	8.18E+05
teprb	Total Energy Production (BBtu)	55	55	3317646	1730648	4.58E+06
teprb_ip	Predicted Value of Total Energy Production where teprb is Unknown	52	52	3382.196	1730.648	4578.093
teprb_pc	Total Energy Production per Capita (MMBtu)	55	55	896.6603	455.3732	1239.807
tercb	Total Energy Consumed in Residential Sector (BBtu)	56	55	266051.1	0	4.10E+05
tercb_gdp	Residential Energy Intensity of Production (Btu per Unit of GDP (\$))	46	46	7.164511	2.351986	16.85966
tercb_gdpr	Residential Energy Intensity of Production (Btu per Unit of GDP (2005 Real \$))	48	48	14464.89	12832.9	16681.79
tercb_gdpr_2010	Residential Energy Consumption per GDP (MMBtu/\$ 2010)	51	51	2.420393	2.0544	2.769495
tercb_gdpr10	Residential Energy Consumption per GDP (MMBtu/\$ 2010)	51	51	2420.393	2054.4	2769.495
tercb_p	Residential Energy Consumption as a Percentage of Total	51	51	0.182998	0.1559788	0.2075969
tercb_pc	Total Energy Consumed by Residential Sector per Capita (MMBtu)	54	54	73.01988	42.99902	94.30388
tercb_phh	Total Energy Consumed by Residential Sector per Household (BBtu)	14	14	0.1986504	0.186856	0.2126651
tercd	Total Energy Average Price in Residential Sector (\$ per MM Bt	44	42	10.65636	1.84	21.76
tercv	Total Energy Total Expenditures in Residential Sector (MM\$)	44	44	1644.216	265.3	3469.8
tercv_p	Residential Expenditures as a Percentage of Total	41	41	0.1840031	0.1425159	0.2131093
terfb	Total Energy Used As Refinery Fuel (BBtu)	43	43	31335.02	17379	45173

terpb	Total Energy Consumption per Capita in the Residential Sector (MMBtu)	54	33	72.88889	43	94
tetcb	Total Energy Consumption (BBtu)	57	56	1409878	0	2.04E+06
tetcb_btu	Total Energy Consumption (Btu)	49	49	1.44E+15	8.20E+14	2.03E+15
tetcb_gdp	Total Energy Consumption per Unit of GDP (\$)	50	50	37.21629	10.51096	106.4691
tetcb_gdp_r	Total Energy Consumption per Unit of GDP (Real 2000 US\$)	32	32	18.26466	15.617	22.95079
tetcb_gdpr	Total Energy Intensity of Production (Btu per GDP (2005 Real \$))	48	48	14464.89	12832.9	16681.79
tetcb_gdpr_2010	Total Energy Consumption per GDP (MMBtu/\$ 2010)	52	52	12.78444	10.01297	14.9409
tetcb_gdpr10	Total Energy Consumption per GDP (MMBtu/\$ 2010)	52	52	12784.44	10012.97	14940.9
tetcb_imp	Total Energy Imports	51	51	-1961105	-3.12E+06	-8.02E+05
tetcb_ip	Predicted Value of Total Energy Consumption where Unknown	52	52	1448.249	819.7998	2063.378
tetcb_pc	Total Energy Consumption per Capita (MMBtu)	55	55	387.1975	268.4777	480.3711
tetcb_phh	Total Energy Consumption per Household (BBtu)	14	14	1.022225	0.9412124	1.080312
tetbbe	Total Net Energy Exports (Billion BTU)	55	55	1856500	272782	3.12E+06
tetcbi	Total Net Energy Imports (Billion BTU)	55	1	0	0	0.00E+00
tetcbt	Total Energy Consumption (Trillion Btu)	49	49	1441.234	819.846	2026.172
tetcd	Total Energy Average Price (\$ per MMBtu)	44	42	8.830682	1.67	20.85
tetcv	Total Energy Expenditures (MM\$)	44	44	9312.975	1295.9	23084.4
tetcv_gdp	Total Energy Expenditures per GDP (MM Chained 2010 \$)	40	40	0.1119857	0.0773208	0.1680902
tetcv_gdpr10	Real Total Energy Expenditures per Real GDP (\$ 2010)	42	42	0.1112557	0.0746829	0.1622633
tetcv_pc	Total Energy Expenditures per Capita (\$)	44	44	2318.777	402.3646	5297.73
tetcv_r	Total Energy Expenditures (MM Real 2010\$)	44	44	13846.44	7282.958	23006.77
tetcv_r_pc	Total Real Electricity Expenditures per Capita	44	44	0.0035644	0.0022269	0.0053655
tetcvr_gdpr_10	Real Total Energy Expenditures per Real GDP (\$ 2010)	44	44	0.110782	0.0734205	0.1622633
tetcvr_gdpr_2010	Real Total Energy Expenditures per Real GDP (\$ 2010)	44	44	0.0678403	0.0162742	0.1406865
tetcvr_pc	Real Total Energy Expenditures per Capita (MM 2010 \$)	39	39	0.0014005	7.21E-05	0.005357
tetpb	Total Energy Consumption per Capita (MMBtu)	54	46	386.4259	268	480
tetpv	Total Energy Expenditures per Capita (MM\$)	44	44	2314.852	401.1	5295.3
tetxb	Total end-use energy consumption (BBtu)	54	54	1456038	819931	2.04E+06
tetxd	Total End-Use energy price (\$ per MMBtu)	44	42	8.830682	1.67	20.85
tetxv	Total End-Use energy Expenditures (MM\$)	44	44	9312.975	1295.9	23084.4
tl tcb	Total Energy Losses Across Sectors (BBtu)	49	49	434976.8	217955.1	686451.3
tl tcbpr	Energy Losses as Percentage of Total Energy Consumption (%)	49	49	0.2943474	0.2261696	0.3461953
tnacb	Total Energy Consumed in Transp Sector Excl the Sector's Share of Electricity	54	54	350339.4	153409	4.93E+05
tnccb	Total Energy Consumed in Com Sector Excl the Sector's Share of Electricity	54	54	88334.11	38454	117849

tnicb	Total Energy Consumed in Ind Sector Excl the Sector's Share of Electricity	54	54	404906	281692	5.38E+05
tnrcb	Total Energy Consumed in Res Sector Excl the Sector's Share of Electricity	54	54	153695.8	107458	1.81E+05
tnscb	Total Primary Energy and Electricity Consumed (BBtu)	43	43	995617.4	768893	1.24E+06
tntcb	Total Net Energy Consumption (Excluding EIA Electricity Losses by Sector) (BBtu)	50	50	1010967	586411.6	1.35E+06
tntxb	Total primary energy and electricity consumed by the end-use sectors (BBtu)	54	54	997275.1	586493	1.31E+06
tpopp	Resident Population Including Armed Forces (k)	54	51	3711.093	3041	4400
trailers	Number of Households that are Mobile Homes, Census	2	2	242733.4	242076.9	243390
trailers_p	Percentage of Households that are Mobile Homes, Census	2	2	10.24376	7.923978	12.56354
truck_pricom	Private & Commercial Truck Registrations	10	10	1478430	1131204	1.61E+06
trucks_pricom	Private & Commercial Truck Registrations	10	10	1478430	1131204	1.61E+06
trucks_pub	Public Truck Registrations	10	10	8720.8	8339	8979
tucks_total	Total Truck Registrations	10	10	1487151	1139543	1.62E+06
twindow	Indicator for Years 1960 to 2010	61	2	0.8196721	0	1
underscore	An Underscore	311	1	.	.	.
unemp	Unemployment (Persons)	33	33	118706.3	75387.83	192372.3
unemp_bls	Kentucky Unemployment Rate (%)	35	34	6.853095	4.258333	11.33333
unemployment	Unemployment_Rate	20	20	5.9625	4.258333	10.41667
unempr	Unemployment Rate (Percentage)	34	33	6.744412	4.25	11.26667
unemprz	Unemployment Rate (Z-Score)	33	32	-0.0593985	-1.334178	2.418844
unempz	Unemployment (Z-Score)	33	33	-0.087666	-1.422741	2.182722
unionfc	Public Workers Covered by Collective Bargaining	8	8	69253	56563	80175
unionfcp	Percentage of Public Sectors Employees Covered by Collective Bargaining	8	8	23.1875	19.8	2.65E+01
unionfm	Public Sector Union Membership	8	8	52578.75	47978	58953
unionfmp	Percentage of Public Sector Employees in a Union	8	7	17.6125	16.3	1.98E+01
unionfpc	Private Workers Covered by Collective Bargaining	8	8	116659	102158	135718
unionpcp	Percentage of Private Sectors Employees Covered by Collective Bargaining	8	7	8.3625	7.3	9.9
unionpm	Private Sector Union Membership	8	8	105791	92782	122219
unionpmp	Percentage of Private Sector Employees in a Union	8	7	7.5875	6.8	8.7
uniontc	Total Workers Covered by Collective Bargaining	8	8	185912	162988	215893
uniontcp	Percentage of Total Employed Persons Covered by Collective Bargaining	8	8	10.9625	9.6	12.8
uniontm	Total Union Membership	8	8	158369.6	142379	1.75E+05
uniontmp	Percentage of Total Employed Persons in a Union	8	7	9.3375	8.6	10.4
unldavg	US Average Gasoline Price, All types, Annual (\$ per gal.)	33	33	1.497888	0.65175	3.32E+00
unldpr	US Premium Gasoline Price Annual (\$ per gal.)	30	30	1.701452	1.084917	3.519

unldrg	US Unleaded Gasoline Price Annual (\$ per gal.)	35	35	1.417029	0.6143333	3.26625
unldrg_ip	Predicted Price of Regular Unleaded Gasoline (\$ per gal.)	39	39	1.212394	0.3854161	3.287402
uoicb	Unfinished Oils Consumed in Industrial Sector (BBtu)	54	33	-1738.315	-6585	919
uoicp	Unfinished Oils Consumed in Industrial Sector (Mbbl)	54	33	-298.3889	-1131	158
usco2z	US Carbon Dioxide Emissions from Electrical Power Generation (Z-Score)	48	48	1.79E-09	-1.805122	1.55014
usec	USEC Electricity Consumption (GWh)	5	5	13600	12100	14700
usec_2011	USEC Electricity Consumption in 2011	161	1	12100	12100	12100
usec_bbtu	USEC Electricity Consumption (BBtu)	5	5	46.40513	41.28691	50.15848
usec_btu	USEC Electricity Consumption (Btu)	5	5	4.64E+10	4.13E+10	5.02E+10
usec_p	USEC Electricity Consumption as a Percentage of State Total	5	5	0.1486225	0.1354282	0.1621457
usicb	Unfractionated Stream Consumed in Industrial Sector (BBtu)	54	1	0	0	0
usicp	Unfractionated Stream Consumed in Industrial Sector (Mbbl)	54	1	0	0	0
usunemp	United States Average Annual Unemployment Rate (Percentage)	49	46	5.846088	3.491667	9.708333
usunempz	United States Average Annual Unemployment Rate (Z-Score)	49	46	-0.0464469	-1.641059	2.569389
uswage	Average Annual Wage in United States (US \$)	8	8	40416.88	36219	45563
vmt_pc	Total Vehicle-Miles of Travel per capita	9	9	11365.94	11134	11579.17
vmt_ru	Rural Vehicle-Miles of Travel (MM mi)	9	9	27161.33	26639	27673
vmt_ru_truck	Truck Vehicle-Miles as Percent of Rural VMT	9	6	7.225556	0.16	16.44
vmt_rural	Rural Vehicle-Miles of Travel (MM mi)	9	9	27161.33	26639	27673
vmt_rural_truck	Truck Vehicle-Miles as Percent of Rural VMT	9	6	7.225556	0.16	16.44
vmt_ur	Urban Vehicle-Miles of Travel (MM mi)	9	9	20036.11	19619	20390
vmt_ur_truck	Truck Vehicle-Miles as Percent of Urban VMT	9	6	3.59	0.1	8.2
vmt_urban	Urban Vehicle-Miles of Travel (MM mi)	9	9	20036.11	19619	20390
vmt_urban_truck	Truck Vehicle-Miles as Percent of Urban VMT	9	6	3.59	0.1	8.2
wacdd	Annual Cooling Degree Days	120	111	1271.475	844	1802
wacdd_sd	Standard Deviation of Annual Cooling Degree Days	206	1	182.9227	182.9227	1.83E+02
wage	Average Annual Wage in United States (US \$)	8	8	33628.13	30021	3.74E+04
wahdd	Annual Heating Degree Days	206	121	2579.568	0	5206
wahdd_sd	Standard Deviation of Annual Heating Degree Days	206	1	349.4466	349.4466	349.4466
waidd	Weather Index Degree Days (wacdd+wahdd)	73	68	2425.288	128	3150
wapcp	Total Annual Precipitation (Inches)	73	72	47.35288	12.28	63.66
wapdsi	Palmer Drought Severity Index Arithmetic Mean	70	70	0.075369	-4.614167	3.968333
waphdi	Palmer Hydrological Severity Index Arithmetic Mean	70	69	0.1669524	-4.614167	4.444167
watmp	Annual Temperature Arithmetic Mean (F)	118	104	55.80134	52.55	59.14167

wdccb	Wood Consumed in Commercial Sector (BBtu)	54	54	836.4259	167	1980
wdeib	Wood Consumed in Electric Power Sector (BBtu)	54	1	0	0	0
wdicb	Wood Consumed in Industrial Sector (BBtu)	54	54	11585.61	2003	22463
wdrbc	Wood Consumed in Residential Sector (BBtu)	54	53	12868.26	4744	26769
wdrdc	Wood Price in Residential Sector (\$ per MMBtu)	44	43	4.598409	0.85	12.59
wdrpc	Wood Consumed in Residential Sector (k cords)	54	52	643.4074	237	1338
wdrvc	Wood Expenditures in Residential Sector (MM\$)	44	42	18.20227	1.5	78.4
wdrsb	Wood consumed in the residential sector at a cost (BBtu)	43	42	3402.07	1569	5871
wdrxb	Wood consumed in the residential sector at no cost (BBtu)	43	42	9558.884	2889	21989
wdtcb	Total Wood Energy Consumed (BBtu)	1	1	28268.03	28268.03	28268.03
wind	Wind Percentage	111	1	0	0	0
wind_100m	Wind Capacity at 100M at 0.3 Gross Capacity Factor (MW) (NREL)	59	1	698.7	698.7	698.7
wind_80m	Wind Capacity at 80M at 0.3 Gross Capacity Factor (MW) (NREL)	59	1	60.6	60.6	60.6
wscbc	Waste Consumed in Commercial Sector (BBtu)	54	1	0	0	0
wseib	Waste Consumed in Electric Power Sector (BBtu)	54	11	176.2407	0	1276
wsicb	Waste Consumed in Industrial Sector (BBtu)	54	32	290.9444	0	1397
wstcb	Waste energy, total consumed (BBtu)	1	1	1405.229	1405.229	1405.229
wwccb	Wood Consumed in Commercial Sector (BBtu)	54	54	836.4259	167	1980
wwccd	Wood Price in Commercial Sector (\$ per MMBtu)	44	43	4.598409	0.85	12.59
wwccv	Wood Expenditures in Commercial Sector (MM\$)	44	24	2.072727	0	9.3
wwcsb	Wood Consumed in Commercial Sector At A Cost (BBtu)	43	42	327.1395	30	774
wwcxb	Wood consumed in the commercial sector at no cost (BBtu)	43	43	625.2093	137	1409
wwuib	Wood Consumed in Electric Power Sector (BBtu)	54	11	176.2407	0	1276
wwuid	Wood Price in Electric Power Sector (\$ per MMBtu)	44	10	0.125	0	1.58
wwuiv	Wood Expenditures in Electric Power Sector (MM\$)	44	6	0.0886364	0	0.8
wwicb	Wood Consumed in Industrial Sector (BBtu)	54	54	11876.56	2101	22463
wwicd	Wood Price in Industrial Sector (\$ per MMBtu)	44	23	1.777727	1.24	2.87
wwicv	Wood Expenditures in Industrial Sector (MM\$)	44	35	11.77955	1	43.1
wwisb	Wood Consumed in Industrial Sector At A Cost (BBtu)	43	43	5254	602	16022
wwixb	Wood consumed in the industrial sector at no cost (BBtu)	43	43	6932.953	1499	17500
wwtcb	Wood Total Consumption (BBtu)	54	54	25757.46	11149	41737
wwtcd	Wood Average Price, All Sectors (\$ per MMBtu)	44	43	2.988864	1.23	5.8
wwtcv	Wood Total Expenditures (MM\$)	44	43	32.13182	5.9	122.5
wwtxb	Wood total end-use consumption (BBtu)	54	54	25581.24	11149	41737

wwtxd	Wood Average price, All End-Use Sectors (\$ per MMBtu)	44	42	3.035682	1.23	6.12
wwtxv	Wood Average Expenditures, All End-Use Sectors. (MM\$)	44	43	32.04545	5.9	121.7
wxicb	Waxes Consumed in Industrial Sector (BBtu)	54	54	639.9444	143	1718
wxicd	Waxes Price in Industrial Sector (\$ per MMBtu)	44	41	17.30273	3.97	34.76
wxicp	Waxes Consumed in Industrial Sector (Mbbl)	54	46	115.5556	26	3.10E+02
wxicv	Waxes Expenditures in Industrial Sector (MM\$)	44	36	8.786364	3.4	19.4
wyccb	Wind Energy Consumed by the Commercial Sector (BBtu)	54	1	0	0	0
wyccp	Wind Electricity Net Generation in the Commercial Sector (GWh)	54	1	0	0	0
wyegb	Electricity Produced from Wind Energy in Electric Power Sector (BBtu)	54	1	0	0	0
wyegp	Electricity Produced from Wind Energy in Electric Power Sector (GWh)	54	1	0	0	0
wyicb	Wind Energy Consumed by the Industrial Sector (BBtu)	54	1	0	0	0.00E+00
wyicp	Wind Electricity Net Generation in the Industrial Sector (GWh)	54	1	0	0	0
wyicb	Electricity Produced from Wind Energy (BBtu)	54	1	0	0	0
wyicp	Electricity profuced from Wind Energy (GWh)	54	1	0	0	0.00E+00
wytxb	Wind Energy, Total End-Use Consumption (BBtu)	54	1	0	0	0
wytxp	Wind Energy, Total End-Use Net Generation (GWh)	54	1	0	0	0
x_coord	x-coordinate of state centroid	206	1	-6702190	-6.70E+06	-6702190
y_coord	y-coordinate of state centroid	206	1	3692977	3692977	3692977
year_2	Year Squared	71	71	3901045	3763600	4040100
year_3	Year Cubed	71	71	7.71E+09	7.30E+09	8.12E+09