## WEST VIRGINIA COAL RESOURCES - ESTIMATE

COUNTIES     RESOURCE     1883 - 2009     LOSS     RESOURCE       Barbour     3,585,619,298     236,422,727     236,422,727     1,556,386.       Berkeley     0     246     246     246       Boone     8,142,970,465     1,109,127,825     1,109,127,825     3,554,828.       Braxton     2,323,332,633     51,673,749     51,673,749     1,54,510.       Cabell     44,167,156     0     0     0       Calhoun     251,017,114     0     0     0       Clay     3,237,869,854     123,282,466     82,188,564     1,819,439.       Doddridge     1,119,317,767     2,790     1,860     671,587.       Fayette     4,420,505,039     812,760,348     541,840,232     1,839,542.       Gilmer     1,019,245,455     14,096,416     14,096,416     4495,526.       Grant     969,014,155     99,280,049     66,785,129     63,199.       Hancock     500,000,000     3,340,986     13,409,812     447,005.       Harison     2,172,730,581     599,360,052		ORIGINAL	REPORTED		ESTIMATED
Barbour     3,585,619,298     236,422,727     236,422,727     1,556,386,1       Berkeley     0     246     246       Boone     8,142,970,465     1,109,127,825     1,109,127,825     3,554,828,1       Braxton     2,323,332,633     51,673,749     1,109,992,1       Brooke     360,000,000     125,489,947     125,489,947     54,510,0       Calbour     251,017,114     0     0     0     0       Calnoun     251,017,114     0     0     0     0       Calmer     1,019,245,455     14,096,416     14,096,416     495,526,       Grant     969,014,155     99,283,049     66,1785,129     631,998,       Harrison     2,172,730,581     599,360,052     599,360,052     482,700,2,623,333,444,827,00       Kanawha     5,901,324,612     918,428,550     612,285,700,2,623,633,344,949     1,364,763,1       Lincoln     1,770,813,665     19,483,850     12,285,949     1,364,763,1       Lincoln     1,770,813,665     19,483,860     612,285,700     2,622,364,949       Lincoln		MINEABLE	PRODUCTION		RECOVERABLE
Berkeley     0     246     246       Boone     8,142,970,465     1,109,127,825     1,109,127,825     3,554,828,1       Braxton     2,323,332,633     51,673,749     51,673,749     1,109,927,825       Brocke     360,000,000     125,489,947     125,489,947     54,510,0       Cableul     44,167,156     0     0     0       Calhoun     251,017,114     0     0     0       Caly     3,237,869,854     123,282,846     82,188,564     1,819,439,1       Doddridge     1,119,317,757     2,790     1,860     671,587,       Fayette     4,420,505,039     812,760,348     541,840,232     1,839,542,       Gilmer     1,019,245,455     14,096,416     1495,526,     Grant     969,014,155     99,230,496     66,195,366     482,115,       Greenbrier     1,220,293,321     100,177,694     66,785,129     631,998,       Harison     2,172,730,581     599,360,052     599,360,052     487,005,       Kanawha     5,901,324,612     918,428,550     612,285,700     2,622,366,<					
Boone     8,142,970,465     1,109,127,825     1,109,127,825     3,554,828,       Braxton     2,323,332,633     51,673,749     51,673,749     1,109,992,       Brooke     360,000,000     125,489,947     125,489,947     54,510,       Cabell     44,167,156     0     0     0       Calhoun     251,017,114     0     0     0       Clay     3,237,869,854     123,282,846     82,188,564     1,819,439,       Doddridge     1,119,317,757     2,790     1,860     671,587,       Fayette     4,420,505,039     812,760,348     541,840,232     1,839,542,       Gilmer     1,019,245,455     14,096,416     14,096,416     452,115,       Greenbrier     1,220,293,321     100,177,694     66,785,129     631,998,       Harcock     500,000,000     3,340,986     3,340,986     2,447,703,       Kanawha     5,901,324,612     918,428,550     612,285,700     2,622,366,       Lewis     2,776,037,160     23,254,949     23,324,949     1,344,763,       Lincoln     1,777,		3,585,619,298		236,422,727	1,556,386,922
Braxton     2,323,332,633     51,673,749     51,673,749     1,109,992.       Brooke     360,000,000     125,489,947     125,489,947     54,510.       Cabell     44,167,156     0     0     0       Calhoun     251,017,114     0     0     0       Clay     3,237,689,854     123,282,846     82,188,564     1,819,439.       Doddridge     1,119,317,757     2,790     1,860     641,832,21     1,339,542.       Gilmer     1,019,245,455     14,096,416     14,096,416     495,526.     642,115.       Greenbrier     1,220,293,321     100,177,694     66,195,366     482,115.       Greenbrier     1,270,76,37,160     23,254,949     23,254,949     1,364,703.       Lincoln     1,770,813,665     19,483,580     12,989,053     1,043,004.       Logan     8,149,879,105     1,445,639,899     963,759,933     3,444,287.       Marion     4,317,089,326     773,173,664     773,173,664     138,397,664     1,837,300.       Marion     4,319,7088,237     387,038,299     18,373,036. <td>Berkeley</td> <td>_</td> <td></td> <td>-</td> <td>0</td>	Berkeley	_		-	0
Brooke     360,000,000     125,489,947     125,489,947     54,510,       Cabell     44,167,156     0     0     0       Calhoun     251,017,114     0     0     0       Clay     3,237,869,854     123,282,846     82,188,564     1,819,439,       Doddridge     1,119,317,757     2,790     1,860     671,587,       Fayette     4,420,505,039     812,760,348     541,840,232     1,839,542,       Gilmer     1,019,245,455     14,096,416     14,906,416     495,526,       Grant     969,014,155     99,293,049     66,195,366     482,115,       Greenbrier     1,220,293,321     100,177,694     66,785,129     631,998,       Harrison     2,172,730,581     599,360,052     599,360,052     487,005,       Lewis     2,776,037,160     23,254,949     23,254,949     1,364,763,       Lincoin     1,770,813,665     19,483,580     12,989,053     1,043,004,       Logan     8,149,879,105     1,445,639,899     963,759,933     3,444,287,       Mariali     4,448,857,3	Boone				3,554,828,889
Cabell     44,167,156     0     0       Calhoun     251,017,114     0     0       Clay     3,237,869,854     123,282,846     82,188,564     1,819,439,       Doddridge     1,119,317,757     2,790     1,860     671,587,       Fayette     4,420,505,039     812,760,348     541,840,232     1,839,542,       Gilmer     1,019,245,455     14,096,416     14,096,416     495,526,       Grant     969,014,155     99,230,49     66,195,366     482,115,       Greenbrier     1,220,293,321     100,177,694     66,785,129     631,998,       Harison     2,172,730,581     599,360,052     599,360,052     487,005,       Kanawha     5,901,322,4612     918,428,580     12,985,700     2,622,366,       Lincoln     1,770,813,665     19,483,380     12,989,053     1,044,0427,       Marion     4,317,089,326     773,173,664     1,385,370       Marion     4,317,089,326     773,173,664     1,827,951,       Marion     4,317,089,326     773,173,664     1,827,951,	Braxton	2,323,332,633	51,673,749	51,673,749	1,109,992,568
Calhoun     251,017,114     0     0       Clay     3,237,869,854     123,282,846     82,188,564     1,819,439,       Doddridge     1,119,317,757     2,790     1,860     671,587,       Fayette     4,420,505,039     812,760,348     541,840,232     1,839,542,       Gilmer     1,019,245,455     14,096,416     14,096,416     495,526,       Grant     969,014,155     99,293,049     66,195,366     482,115,       Greenbrier     1,220,293,321     100,177,694     66,785,129     631,998,       Harcock     500,000,000     3,340,986     3,340,986     246,659,       Harrison     2,172,730,581     599,360,052     599,360,052     487,005,       Lincoin     1,770,613,665     19,483,580     12,989,053     1,043,004,       Logan     8,149,879,105     1,445,639,899     963,759,933     3,444,287,       Marion     4,317,089,326     773,173,664     773,173,664     1,387,390,       Mason     339,976,480     20,818,348     149,169,     Machasa,39,766     99,497,75,       <		360,000,000	125,489,947	125,489,947	54,510,053
Clay     3,237,869,854     123,282,846     82,188,564     1,819,439,       Doddridge     1,119,317,757     2,790     1,860     677,887,       Fayette     4,420,505,039     812,760,348     541,840,232     1,839,542,       Gilmer     1,019,245,455     14,096,416     14,096,416     495,526,       Grant     969,014,155     99,293,049     66,195,366     482,115,       Greenbrier     1,220,293,321     100,177,694     66,785,129     631,998,       Hancock     500,000,000     3,340,986     3,340,986     246,659,       Harrison     2,172,730,581     599,360,052     599,360,052     487,005,       Kanawha     5,901,324,612     918,428,550     612,285,700     2,622,366,       Lewis     2,776,037,160     23,254,949     23,254,949     1,364,763,       Lincoln     1,770,813,665     19,483,580     12,989,053     1,043,004,       Logan     8,149,879,105     1,445,639,89     963,759,933     3,444,287,       Marion     4,317,089,326     773,173,664     773,173,664     1,387,390, <td></td> <td></td> <td>0</td> <td>0</td> <td>0</td>			0	0	0
Doddridge     1,119,317,757     2,790     1,860     671,587,       Fayette     4,420,505,039     812,760,348     541,840,232     1,839,542,       Gilmer     1,019,245,455     14,096,416     14,096,416     495,526,       Grant     996,014,155     99,293,049     66,195,366     482,115,       Greenbrier     1,220,293,321     100,177,694     66,785,129     631,998,       Haricson     2,172,730,581     599,360,052     599,360,052     487,005,       Kanawha     5,901,324,612     918,428,550     612,285,700     2,622,366,       Lewis     2,776,037,160     23,254,949     23,254,949     1,364,763,       Lincoln     1,770,813,665     19,483,580     12,989,053     1,043,004,       Logan     8,149,879,105     1,445,639,899     963,759,933     3,444,287,       Marion     4,317,089,326     773,173,664     773,173,664     1,385,370,       Mason     339,976,480     20,818,348     149,169,     McDowell     5,340,598,171     1,576,406,931     1,050,937,954     1,622,951,       McDowell	Calhoun	251,017,114	0	0	0
Fayette     4,420,505,039     812,760,348     541,840,232     1,839,542,       Gilmer     1,019,245,455     14,096,416     14,096,416     495,526,       Grant     969,014,155     99,230,049     66,195,366     482,115,       Greenbrier     1,220,233,321     100,177,694     66,785,129     631,998,       Harcock     500,000,000     3,340,986     3,340,986     246,659,       Harrison     2,172,730,581     599,360,052     599,360,052     487,005,       Kanawha     5,901,324,612     918,428,550     612,285,700     2,622,366,       Lewis     2,776,037,160     23,254,949     23,254,949     1,364,763,       Lincoln     1,770,813,665     19,483,580     12,989,053     1,043,004,       Logan     8,149,879,105     1,445,639,899     963,759,933     3,444,287,       Marion     4,317,089,326     773,173,664     773,173,664     1,385,370,       Mason     339,976,480     20,818,348     20,818,348     149,169,       McDowell     5,340,598,171     1,576,406,931     1,60,037,759,33     3,66,70		3,237,869,854	123,282,846	82,188,564	1,819,439,066
Gilmer     1,019,245,455     14,096,416     14,096,416     495,526, Grant       Grant     999,014,155     99,293,049     66,195,366     482,115, Greenbrier       1,220,293,321     100,177,694     66,785,129     631,998, Gillion       Harrison     2,172,730,581     599,360,052     599,360,052     487,005, Gillion       Kanawha     5,901,324,612     918,428,550     612,285,700     2,622,366, Lewis     2,776,037,160     23,254,949     23,254,949     1,364,763, I,043,004, Logan     8,149,879,105     1,445,639,899     963,759,933     3,444,287, Marion     4,317,089,326     773,173,664     773,173,664     1,385,370, Marshall     4,448,857,374     387,038,299     387,038,299     1,837,390, Mason     339,976,480     20,818,348     20,818,348     149,169, MicDowell     5,340,598,171     1,576,406,931     1,050,937,954     1,627,951,1       Mercer     506,829,312     204,599,649     136,399,766     99,497,7       Mingo     6,332,263,181     812,104,749     541,403,166     2,987,253,1       Monogalia     3,748,630,971     928,159,080     946,156,6     Nicholas     6,172,807,439 </td <td>Doddridge</td> <td>1,119,317,757</td> <td></td> <td></td> <td>671,587,864</td>	Doddridge	1,119,317,757			671,587,864
Grant     969,014,155     99,293,049     66,195,366     482,115, Greenbrier       I,220,293,321     100,177,694     66,785,129     631,998, Greenbrier       Hancock     500,000,000     3,340,986     3,340,986     246,659, Jarray       Harrison     2,172,730,581     599,360,052     599,360,052     487,005, Kanawha       S,901,324,612     918,428,550     612,285,700     2,622,366, Lewis     2,776,037,160     23,254,949     23,254,949     1,364,763, Lincoln       Lincoln     1,770,813,665     19,483,580     12,989,053     1,043,004, Logan     8,149,879,105     1,445,639,899     963,759,933     3,444,287, Marshall     4,448,857,374     387,038,299     387,038,299     1,837,390, Mason     339,976,480     20,818,348     20,818,348     149,169, McDowell     5,340,598,171     1,576,406,931     1,050,937,954     1,627,951, Mercer     506,829,312     204,599,649     136,399,766     99,497, Minegal     809,834,066     44,209,079     44,209,079     360,707, Mingo     6,332,263,181     812,104,749     541,403,166     2,987,253, Monogalia     3,748,630,971     928,159,080     928,159,080     946,156, Nicholas	Fayette	4,420,505,039	812,760,348	541,840,232	1,839,542,675
Greenbrier     1,220,293,321     100,177,694     66,785,129     631,998,       Hancock     500,000,000     3,340,986     3,340,986     246,659,       Harrison     2,172,730,581     599,360,052     599,360,052     487,005,       Kanawha     5,901,324,612     918,428,550     612,285,700     2,622,366,       Lewis     2,776,037,160     23,254,949     23,254,949     1,364,763,       Lincoln     1,770,813,665     19,483,580     12,989,053     1,043,004,       Logan     8,149,879,105     1,445,639,899     963,759,933     3,444,287,       Marion     4,317,089,326     773,173,664     773,173,664     1,385,370,       Marshall     4,448,857,374     387,038,299     387,038,299     1,837,390,       Mason     339,976,480     20,818,348     20,818,348     149,169,       McDowell     5,340,598,171     1,576,406,931     1,050,937,954     1,627,951,       Mercer     506,829,312     204,599,649     136,399,766     99,497,       Mineral     809,834,066     44,209,079     360,707,	Gilmer	1,019,245,455	14,096,416	14,096,416	495,526,312
Hancock     500,000,000     3,340,986     3,340,986     2,46,659,       Harrison     2,172,730,581     599,360,052     599,360,052     487,005,       Kanawha     5,901,324,612     918,428,550     612,285,700     2,622,366,       Lewis     2,776,037,160     23,254,949     23,254,949     1,364,763,       Lincoln     1,770,813,665     19,483,580     12,989,053     1,043,004,       Logan     8,149,879,105     1,445,639,899     963,759,933     3,444,287,       Marion     4,317,089,326     773,173,664     773,173,664     1,385,370,       Marson     339,976,480     20,818,348     20,818,348     149,169,       McDowell     5,340,598,171     1,576,406,931     1,050,937,954     1,627,951,       Mineral     809,834,066     44,209,079     44,209,079     360,707,       Mingo     6,332,263,181     812,104,749     541,403,166     2,987,253,       Monogalia     3,748,630,971     928,159,080     946,156,       Nicholas     6,172,807,449     353,126,656     235,417,771     3,350,557,	Grant	969,014,155	99,293,049	66,195,366	482,115,444
Harrison     2,172,730,581     599,360,052     599,360,052     487,005,       Kanawha     5,901,324,612     918,428,550     612,285,700     2,622,366,       Lewis     2,776,037,160     23,254,949     23,254,949     1,364,763,       Lincoln     1,770,813,665     19,483,580     12,989,053     1,043,004,       Logan     8,149,879,105     1,445,639,899     963,759,933     3,444,287,       Marion     4,317,089,326     773,173,664     773,173,664     1,385,370,       Marshall     4,448,857,374     387,038,299     387,038,299     1,837,390,       Mason     339,976,480     20,818,348     20,818,348     149,169,       McDowell     5,340,598,171     1,576,406,931     1,050,937,954     1,627,951,       Mercer     506,829,312     204,599,649     136,399,766     99,497,       Mingo     6,332,263,181     812,104,749     541,403,166     2,987,253,       Monogalia     3,748,630,971     928,159,080     928,159,080     946,156,       Nicholas     6,172,807,449     353,126,656     235,417,771	Greenbrier	1,220,293,321	100,177,694	66,785,129	631,998,299
Kanawha     5,901,324,612     918,428,550     612,285,700     2,622,366,       Lewis     2,776,037,160     23,254,949     23,254,949     1,364,763,       Lincoln     1,770,813,665     19,483,580     12,989,053     1,043,004,       Logan     8,149,879,105     1,445,639,899     963,759,933     3,444,287,       Marion     4,317,089,326     773,173,664     773,173,664     1,385,370,       Marshall     4,448,857,374     387,038,299     387,038,299     1,837,390,       Mason     339,976,480     20,818,348     20,818,348     149,169,       McDowell     5,340,598,171     1,576,406,931     1,050,937,954     1,627,951,       Mercer     506,829,312     204,599,649     136,399,766     99,947,       Mingo     6,332,263,181     812,104,749     541,403,166     2,987,253,       Monogalia     3,748,630,971     928,159,080     928,159,080     946,156,       Nicholas     6,172,807,449     353,126,656     235,417,771     3,350,557,       Ohio     910,000,000     118,739,745     118,739,745 <t< td=""><td>Hancock</td><td>500,000,000</td><td>3,340,986</td><td>3,340,986</td><td>246,659,014</td></t<>	Hancock	500,000,000	3,340,986	3,340,986	246,659,014
Lewis     2,776,037,160     23,254,949     23,254,949     1,364,763,       Lincoln     1,770,813,665     19,483,580     12,989,053     1,043,004,       Logan     8,149,879,105     1,445,639,899     963,759,933     3,444,287,       Marion     4,317,089,326     773,173,664     773,173,664     1,385,370,       Marshall     4,448,857,374     387,038,299     387,038,299     1,837,390,       Mason     339,976,480     20,818,348     20,818,348     149,169,       McDowell     5,340,598,171     1,576,406,931     1,050,937,954     1,627,951,1       Mercer     506,829,312     204,599,649     136,399,766     99,497,       Mineral     809,834,066     44,209,079     44,209,079     360,707,       Mingo     6,332,263,181     812,104,749     541,403,166     2,987,253,       Monogalia     3,748,630,971     928,159,080     928,159,080     946,156,       Nicholas     6,172,807,449     353,126,656     235,417,771     3,350,557,       O     87,719     58,478	Harrison	2,172,730,581	599,360,052	599,360,052	487,005,239
Lincoln     1,770,813,665     19,483,580     12,989,053     1,043,004,1       Logan     8,149,879,105     1,445,639,899     963,759,933     3,444,287,1       Marion     4,317,089,326     773,173,664     773,173,664     1,385,370,1       Marshall     4,448,857,374     387,038,299     387,038,299     1,837,390,1       Mason     339,976,480     20,818,348     20,818,348     149,169,1       McDowell     5,340,598,171     1,576,406,931     1,050,937,954     1,627,951,1       Mineral     809,834,066     44,209,079     44,209,079     360,707,1       Mingo     6,332,263,181     812,104,749     541,403,166     2,987,253,1       Monogalia     3,748,630,971     928,159,080     928,159,080     946,156,1       Nicholas     6,172,807,449     353,126,656     235,417,771     3,350,557,1       Ohio     910,000,000     118,739,745     118,739,745     136,2027     299,843,1       Pleasants     0     87,719     58,478     P     P     P       Pocahontas     508,644,743     5,343,0	Kanawha	5,901,324,612	918,428,550	612,285,700	2,622,366,217
Logan     8,149,879,105     1,445,639,899     963,759,933     3,444,287,       Marion     4,317,089,326     773,173,664     773,173,664     1,385,370,       Marshall     4,448,857,374     387,038,299     387,038,299     1,837,390,       Mason     339,976,480     20,818,348     20,818,348     149,169,       McDowell     5,340,598,171     1,576,406,931     1,050,937,954     1,627,951,       Mercer     506,829,312     204,599,649     136,399,766     99,497,       Mineral     809,834,066     44,209,079     44,209,079     366,707,       Mingo     6,332,263,181     812,104,749     541,403,166     2,987,253,       Monogalia     3,748,630,971     928,159,080     928,159,080     946,156,       Nicholas     6,172,807,449     353,126,656     235,417,771     3,350,557,       Ohio     910,000,000     118,739,745     118,739,745     336,260,       Preston     3,212,323,508     215,914,259     15,914,259     1,390,247,       Putnam     433,090,336     21,622,860     14,415,240     238,23	Lewis	2,776,037,160	23,254,949	23,254,949	1,364,763,631
Marion     4,317,089,326     773,173,664     773,173,664     1,385,370,       Marshall     4,448,857,374     387,038,299     387,038,299     1,837,390,       Mason     339,976,480     20,818,348     20,818,348     149,169,       McDowell     5,340,598,171     1,576,406,931     1,050,937,954     1,627,951,       Mercer     506,829,312     204,599,649     136,399,766     99,497,       Mineral     809,834,066     44,209,079     44,209,079     360,707,       Mingo     6,332,263,181     812,104,749     541,403,166     2,987,253,       Monogalia     3,748,630,971     928,159,080     928,159,080     946,156,       Nicholas     6,172,807,449     353,126,656     235,417,771     3,350,557,       Ohio     910,000,000     118,739,745     118,739,745     336,260,       Pleasants     0     87,719     58,478        Pocahontas     508,644,743     5,343,041     3,562,027     299,843,1       Preston     3,212,323,508     215,914,259     1,599,666,1       Raleigh	Lincoln	1,770,813,665	19,483,580	12,989,053	1,043,004,619
Marshall     4,448,857,374     387,038,299     387,038,299     1,837,390,       Mason     339,976,480     20,818,348     20,818,348     149,169,       McDowell     5,340,598,171     1,576,406,931     1,050,937,954     1,627,951,       Mercer     506,829,312     204,599,649     136,399,766     99,497,       Mineral     809,834,066     44,209,079     44,209,079     360,707,       Mingo     6,332,263,181     812,104,749     541,403,166     2,987,253,       Monogalia     3,748,630,971     928,159,080     928,159,080     946,156,       Nicholas     6,172,807,449     353,126,656     235,417,771     3,350,557,       Ohio     910,000,000     118,739,745     118,739,745     336,260,       Pleasants     0     87,719     58,478     P       Pocahontas     508,644,743     5,343,041     3,562,027     299,843,       Preston     3,212,323,508     215,914,259     1,390,247,       Putnam     433,090,336     21,622,860     14,415,240     238,231,       Raleigh     <	Logan	8,149,879,105	1,445,639,899	963,759,933	3,444,287,564
Mason     339,976,480     20,818,348     20,818,348     149,169,1       McDowell     5,340,598,171     1,576,406,931     1,050,937,954     1,627,951,1       Mercer     506,829,312     204,599,649     136,399,766     99,497,1       Mineral     809,834,066     44,209,079     44,209,079     360,707,1       Mingo     6,332,263,181     812,104,749     541,403,166     2,987,253,1       Monogalia     3,748,630,971     928,159,080     928,159,080     946,156,1       Nicholas     6,172,807,449     353,126,656     235,417,771     3,350,557,1       Ohio     910,000,000     118,739,745     118,739,745     336,260,27       Pleasants     0     87,719     58,478       Pocahontas     508,644,743     5,343,041     3,562,027     299,843,1       Preston     3,212,323,508     215,914,259     215,914,259     1,390,247,1       Putnam     433,090,336     21,622,860     14,415,240     238,231,1       Raleigh     4,283,368,282     970,354,007     646,902,671     1,599,666,1	Marion	4,317,089,326	773,173,664	773,173,664	1,385,370,999
McDowell     5,340,598,171     1,576,406,931     1,050,937,954     1,627,951,3       Mercer     506,829,312     204,599,649     136,399,766     99,497,3       Mineral     809,834,066     44,209,079     44,209,079     360,707,3       Mingo     6,332,263,181     812,104,749     541,403,166     2,987,253,3       Monogalia     3,748,630,971     928,159,080     928,159,080     946,156,5       Nicholas     6,172,807,449     353,126,656     235,417,771     3,350,557,5       Ohio     910,000,000     118,739,745     118,739,745     336,260,27       Pleasants     0     87,719     58,478       Pocahontas     508,644,743     5,343,041     3,562,027     299,843,1       Preston     3,212,323,508     215,914,259     215,914,259     1,390,247,       Putnam     433,090,336     21,622,860     14,415,240     238,231,       Raleigh     4,283,368,282     970,354,007     646,902,671     1,599,666,       Randolph     4,183,643,819     97,564,339     65,042,893     2,412,621,       <	Marshall	4,448,857,374	387,038,299	387,038,299	1,837,390,388
Mercer     506,829,312     204,599,649     136,399,766     99,497,       Mineral     809,834,066     44,209,079     44,209,079     360,707,       Mingo     6,332,263,181     812,104,749     541,403,166     2,987,253,       Monogalia     3,748,630,971     928,159,080     928,159,080     946,156,       Nicholas     6,172,807,449     353,126,656     235,417,771     3,350,557,       Ohio     910,000,000     118,739,745     118,739,745     336,260,       Pleasants     0     87,719     58,478        Pocahontas     508,644,743     5,343,041     3,562,027     299,843,4       Preston     3,212,323,508     215,914,259     215,914,259     1,390,247,4       Putnam     433,090,336     21,622,860     14,415,240     238,231,4       Raleigh     4,283,368,282     970,354,007     646,902,671     1,599,666,4       Randolph     4,183,643,819     97,564,339     65,042,893     2,412,621,4       Roane     674,768,973     0     0     0       Summers	Mason	339,976,480	20,818,348	20,818,348	149,169,892
Mineral809,834,06644,209,07944,209,079360,707,9Mingo6,332,263,181812,104,749541,403,1662,987,253,Monogalia3,748,630,971928,159,080928,159,080946,156,Nicholas6,172,807,449353,126,656235,417,7713,350,557,Ohio910,000,000118,739,745118,739,745336,260,Pleasants087,71958,478Pocahontas508,644,7435,343,0413,562,027299,843,Preston3,212,323,508215,914,259215,914,2591,390,247,Putnam433,090,33621,622,86014,415,240238,231,Raleigh4,283,368,282970,354,007646,902,6711,599,666,Randolph4,183,643,81997,564,33965,042,8932,412,621,9Roane674,768,973000Summers18,678,528530,772353,84810,676,7Taylor1,327,673,23949,875,19049,875,190613,961,7Tucker486,964,20973,589,25673,589,256169,892,7Tyler948,133,23200474,066,1Upshur3,554,551,754111,025,054111,025,0541,666,250,0Wayne1,471,495,778108,184,83172,123,221774,712,7Webster6,305,536,510145,502,09897,001,3993,637,819,0Wetzel3,321,923,23693,42593,4251,660,868,0Wirt22,302,7200011,151,7 <td>McDowell</td> <td>5,340,598,171</td> <td>1,576,406,931</td> <td>1,050,937,954</td> <td>1,627,951,972</td>	McDowell	5,340,598,171	1,576,406,931	1,050,937,954	1,627,951,972
Mingo6,332,263,181812,104,749541,403,1662,987,253,Monogalia3,748,630,971928,159,080928,159,080946,156,Nicholas6,172,807,449353,126,656235,417,7713,350,557,iOhio910,000,000118,739,745118,739,745336,260,iPleasants087,71958,478Pocahontas508,644,7435,343,0413,562,027299,843,iPreston3,212,323,508215,914,259215,914,2591,390,247,iPutnam433,090,33621,622,86014,415,240238,231,iRaleigh4,283,368,282970,354,007646,902,6711,599,666,iRandolph4,183,643,81997,564,33965,042,8932,412,621,4Roane674,768,973000Summers18,678,528530,772353,84810,676,iTaylor1,327,673,23949,875,19049,875,190613,961,iTucker486,964,20973,589,25673,589,256169,892,iTyler948,133,23200474,066,iUpshur3,554,551,754111,025,054111,025,0541,666,250,iWayne1,471,495,778108,184,83172,123,221774,712,iWebster6,305,536,510145,502,09897,001,3993,637,819,iWetzel3,321,923,23693,42593,4251,660,868,Wirt22,302,7200011,151,iWyoming5,061,292,844638,823,750425,882,5002,397,951	Mercer	506,829,312	204,599,649	136,399,766	99,497,938
Monogalia3,748,630,971928,159,080928,159,080946,156,Nicholas6,172,807,449353,126,656235,417,7713,350,557,iOhio910,000,000118,739,745118,739,745336,260,Pleasants087,71958,478Pocahontas508,644,7435,343,0413,562,027299,843,Preston3,212,323,508215,914,259215,914,2591,390,247,Putnam433,090,33621,622,86014,415,240238,231,Raleigh4,283,368,282970,354,007646,902,6711,599,666,Randolph4,183,643,81997,564,33965,042,8932,412,621,4Roane674,768,973000Summers18,678,528530,772353,84810,676,7Taylor1,327,673,23949,875,19049,875,190613,961,7Tucker486,964,20973,589,25673,589,256169,892,7Tyler948,133,23200474,066,1Upshur3,554,551,754111,025,054111,025,0541,666,250,37Wayne1,471,495,778108,184,83172,123,221774,712,1Webster6,305,536,510145,502,09897,001,3993,637,819,37Wetzel3,321,923,23693,42593,4251,660,868,Wirt22,302,7200011,151,7Wyoming5,061,292,844638,823,750425,882,5002,397,951,9	Mineral	809,834,066	44,209,079	44,209,079	360,707,954
Nicholas6,172,807,449353,126,656235,417,7713,350,557,3Ohio910,000,000118,739,745118,739,745336,260,3Pleasants087,71958,478Pocahontas508,644,7435,343,0413,562,027299,843,3Preston3,212,323,508215,914,259215,914,2591,390,247,3Putnam433,090,33621,622,86014,415,240238,231,3Raleigh4,283,368,282970,354,007646,902,6711,599,666,3Randolph4,183,643,81997,564,33965,042,8932,412,621,4Roane674,768,973000Summers18,678,528530,772353,84810,676,5Taylor1,327,673,23949,875,19049,875,190613,961,7Tucker486,964,20973,589,25673,589,256169,892,4Tyler948,133,23200474,066,1Upshur3,554,551,754111,025,054111,025,0541,666,250,4Wayne1,471,495,778108,184,83172,123,221774,712,1Webster6,305,536,510145,502,09897,001,3993,637,819,4Wetzel3,321,923,23693,42593,4251,660,868,40,403Wirt22,302,7200011,151,51,51,502Wyoming5,061,292,844638,823,750425,882,5002,397,951,51,51,51,51,51,51,51,51,51,551,551,	Mingo	6,332,263,181	812,104,749	541,403,166	2,987,253,160
Ohio910,000,000118,739,745118,739,745336,260,7Pleasants087,71958,478Pocahontas508,644,7435,343,0413,562,027299,843,1Preston3,212,323,508215,914,259215,914,2591,390,247,7Putnam433,090,33621,622,86014,415,240238,231,7Raleigh4,283,368,282970,354,007646,902,6711,599,666,7Randolph4,183,643,81997,564,33965,042,8932,412,621,9Roane674,768,973000Summers18,678,528530,772353,84810,676,7Taylor1,327,673,23949,875,19049,875,190613,961,7Tucker486,964,20973,589,25673,589,256169,892,7Tyler948,133,23200474,066,1Upshur3,554,551,754111,025,054111,025,0541,666,250,1Wayne1,471,495,778108,184,83172,123,221774,712,1Webster6,305,536,510145,502,09897,001,3993,637,819,3Wetzel3,321,923,23693,42593,42593,4251,660,868,19,10Wirt22,302,7200011,151,1Wyoming5,061,292,844638,823,750425,882,5002,397,951,9	Monogalia	3,748,630,971	928,159,080	928,159,080	946,156,406
Pleasants     0     87,719     58,478       Pocahontas     508,644,743     5,343,041     3,562,027     299,843,1       Preston     3,212,323,508     215,914,259     215,914,259     1,390,247,2       Putnam     433,090,336     21,622,860     14,415,240     238,231,3       Raleigh     4,283,368,282     970,354,007     646,902,671     1,599,666,3       Randolph     4,183,643,819     97,564,339     65,042,893     2,412,621,4       Roane     674,768,973     0     0     0       Summers     18,678,528     530,772     353,848     10,676,7       Taylor     1,327,673,239     49,875,190     49,875,190     613,961,7       Tucker     486,964,209     73,589,256     73,589,256     169,892,7       Tyler     948,133,232     0     0     474,066,1       Upshur     3,554,551,754     111,025,054     116,66,250,4       Wayne     1,471,495,778     108,184,831     72,123,221     774,712,4       Webster     6,305,536,510     145,502,098     97,001,399 <td>Nicholas</td> <td>6,172,807,449</td> <td>353,126,656</td> <td>235,417,771</td> <td>3,350,557,813</td>	Nicholas	6,172,807,449	353,126,656	235,417,771	3,350,557,813
Pocahontas508,644,7435,343,0413,562,027299,843,1Preston3,212,323,508215,914,259215,914,2591,390,247,1Putnam433,090,33621,622,86014,415,240238,231,1Raleigh4,283,368,282970,354,007646,902,6711,599,666,1Randolph4,183,643,81997,564,33965,042,8932,412,621,1Roane674,768,973000Summers18,678,528530,772353,84810,676,1Taylor1,327,673,23949,875,19049,875,190613,961,1Tucker486,964,20973,589,25673,589,256169,892,1Tyler948,133,23200474,066,1Upshur3,554,551,754111,025,054111,025,0541,666,250,1Webster6,305,536,510145,502,09897,001,3993,637,819,1Wetzel3,321,923,23693,42593,4251,660,868,1Wirt22,302,7200011,151,1Wyoming5,061,292,844638,823,750425,882,5002,397,951,9	Ohio	910,000,000	118,739,745	118,739,745	336,260,255
Preston3,212,323,508215,914,259215,914,2591,390,247,4Putnam433,090,33621,622,86014,415,240238,231,3Raleigh4,283,368,282970,354,007646,902,6711,599,666,5Randolph4,183,643,81997,564,33965,042,8932,412,621,4Roane674,768,973000Summers18,678,528530,772353,84810,676,7Taylor1,327,673,23949,875,19049,875,190613,961,7Tucker486,964,20973,589,25673,589,256169,892,7Tyler948,133,23200474,066,7Upshur3,554,551,754111,025,054111,025,0541,666,250,7Wayne1,471,495,778108,184,83172,123,221774,712,7Webster6,305,536,510145,502,09897,001,3993,637,819,7Wetzel3,321,923,23693,42593,4251,660,868,7Wirt22,302,7200011,151,7Wyoming5,061,292,844638,823,750425,882,5002,397,951,5	Pleasants	0	87,719	58,478	0
Putnam433,090,33621,622,86014,415,240238,231,3Raleigh4,283,368,282970,354,007646,902,6711,599,666,3Randolph4,183,643,81997,564,33965,042,8932,412,621,3Roane674,768,97300Summers18,678,528530,772353,84810,676,3Taylor1,327,673,23949,875,19049,875,190613,961,3Tucker486,964,20973,589,25673,589,256169,892,3Tyler948,133,23200474,066,1Upshur3,554,551,754111,025,054111,025,0541,666,250,3Wayne1,471,495,778108,184,83172,123,221774,712,1Webster6,305,536,510145,502,09897,001,3993,637,819,3Wetzel3,321,923,23693,42593,4251,660,868,3Wirt22,302,7200011,151,3Wyoming5,061,292,844638,823,750425,882,5002,397,951,3	Pocahontas	508,644,743	5,343,041	3,562,027	299,843,805
Raleigh4,283,368,282970,354,007646,902,6711,599,666,900Randolph4,183,643,81997,564,33965,042,8932,412,621,900Roane674,768,973000Summers18,678,528530,772353,84810,676,700,700Taylor1,327,673,23949,875,19049,875,190613,961,700,700,700,700,700,700,700,700,700,70	Preston	3,212,323,508	215,914,259	215,914,259	1,390,247,495
Raleigh4,283,368,282970,354,007646,902,6711,599,666,900Randolph4,183,643,81997,564,33965,042,8932,412,621,900Roane674,768,973000Summers18,678,528530,772353,84810,676,700,700Taylor1,327,673,23949,875,19049,875,190613,961,700,700,700,700,700,700,700,700,700,70	Putnam	433,090,336	21,622,860	14,415,240	238,231,342
Roane674,768,97300Summers18,678,528530,772353,84810,676,7Taylor1,327,673,23949,875,19049,875,190613,961,7Tucker486,964,20973,589,25673,589,256169,892,7Tyler948,133,23200474,066,7Upshur3,554,551,754111,025,054111,025,0541,666,250,7Wayne1,471,495,778108,184,83172,123,221774,712,7Webster6,305,536,510145,502,09897,001,3993,637,819,7Wetzel3,321,923,23693,42593,4251,660,868,7Wirt22,302,7200011,151,7Wyoming5,061,292,844638,823,750425,882,5002,397,951,51					1,599,666,962
Summers18,678,528530,772353,84810,676,7Taylor1,327,673,23949,875,19049,875,190613,961,7Tucker486,964,20973,589,25673,589,256169,892,7Tyler948,133,23200474,066,7Upshur3,554,551,754111,025,054111,025,0541,666,250,7Wayne1,471,495,778108,184,83172,123,221774,712,7Webster6,305,536,510145,502,09897,001,3993,637,819,7Wetzel3,321,923,23693,42593,4251,660,868,7Wirt22,302,7200011,151,7Wyoming5,061,292,844638,823,750425,882,5002,397,951,57	Randolph	4,183,643,819	97,564,339	65,042,893	2,412,621,952
Taylor1,327,673,23949,875,19049,875,190613,961,Tucker486,964,20973,589,25673,589,256169,892,Tyler948,133,23200474,066,Upshur3,554,551,754111,025,054111,025,0541,666,250,Wayne1,471,495,778108,184,83172,123,221774,712,Webster6,305,536,510145,502,09897,001,3993,637,819,4Wetzel3,321,923,23693,42593,4251,660,868,Wirt22,302,7200011,151,7Wyoming5,061,292,844638,823,750425,882,5002,397,951,5	Roane	674,768,973	0	0	0
Taylor1,327,673,23949,875,19049,875,190613,961,Tucker486,964,20973,589,25673,589,256169,892,Tyler948,133,23200474,066,Upshur3,554,551,754111,025,054111,025,0541,666,250,Wayne1,471,495,778108,184,83172,123,221774,712,Webster6,305,536,510145,502,09897,001,3993,637,819,4Wetzel3,321,923,23693,42593,4251,660,868,Wirt22,302,7200011,151,7Wyoming5,061,292,844638,823,750425,882,5002,397,951,5	Summers		530,772	353,848	10,676,345
Tucker486,964,20973,589,25673,589,256169,892,7Tyler948,133,23200474,066,7Upshur3,554,551,754111,025,054111,025,0541,666,250,8Wayne1,471,495,778108,184,83172,123,221774,712,7Webster6,305,536,510145,502,09897,001,3993,637,819,8Wetzel3,321,923,23693,42593,4251,660,868,7Wirt22,302,7200011,151,7Wyoming5,061,292,844638,823,750425,882,5002,397,951,8	Taylor				613,961,430
Tyler948,133,23200474,066,1Upshur3,554,551,754111,025,054111,025,0541,666,250,3Wayne1,471,495,778108,184,83172,123,221774,712,4Webster6,305,536,510145,502,09897,001,3993,637,819,3Wetzel3,321,923,23693,42593,4251,660,868,3Wirt22,302,7200011,151,3Wyoming5,061,292,844638,823,750425,882,5002,397,951,3					169,892,849
Upshur3,554,551,754111,025,054111,025,0541,666,250,4Wayne1,471,495,778108,184,83172,123,221774,712,4Webster6,305,536,510145,502,09897,001,3993,637,819,4Wetzel3,321,923,23693,42593,4251,660,868,4Wirt22,302,7200011,151,4Wyoming5,061,292,844638,823,750425,882,5002,397,951,9			0	0	474,066,616
Wayne1,471,495,778108,184,83172,123,221774,712,1Webster6,305,536,510145,502,09897,001,3993,637,819,3Wetzel3,321,923,23693,42593,4251,660,868,3Wirt22,302,7200011,151,3Wyoming5,061,292,844638,823,750425,882,5002,397,951,3	•		111,025,054	111,025,054	1,666,250,823
Webster6,305,536,510145,502,09897,001,3993,637,819,3Wetzel3,321,923,23693,42593,4251,660,868,3Wirt22,302,7200011,151,3Wyoming5,061,292,844638,823,750425,882,5002,397,951,33					774,712,636
Wetzel     3,321,923,236     93,425     93,425     1,660,868,       Wirt     22,302,720     0     0     11,151,       Wyoming     5,061,292,844     638,823,750     425,882,500     2,397,951,9					3,637,819,808
Wirt     22,302,720     0     0     11,151,333       Wyoming     5,061,292,844     638,823,750     425,882,500     2,397,951,933					1,660,868,193
Wyoming 5,061,292,844 638,823,750 425,882,500 2,397,951,					11,151,360
			638,823,750	425,882,500	2,397,951,956
	Small Mines		322,715,225	25,028,400	(50,000,000)
		116,705,415,411			51,812,294,723

This historical table should be used for general information only. The original estimates were based on the WV Geological Survey County Reports and were first estimated and published in 1934. All figures may be revised. Reported tonnages are based on reports filed with this office. Estimated resources may change based on revised sampling and current minability.