

Number of tons produced for each fatal accident.....	279,112
Number of tons produced for each non-fatal accident.....	279,112
Number of persons employed to each fatal accident.....	362
Ratio of fatal accidents to 1,000 persons employed.....	2.8
Number of kegs of powder used for blasting coal.....	165,348
Number of kegs of powder used for other purposes.....	1,907
Number of pounds of dynamite for blasting.....	4,246

The following gives the total tons produced in each county for the years 1906 and 1907, with the increase and decrease:

COUNTIES.	TOTAL PRODUCTS—ALL GRADES OF COAL.			
	1906	1907	Increase.	Decrease.
Clinton.....	770,689	1,061,410	290,721	.....
Franklin.....	387,230	863,165	475,935	.....
Jefferson.....	20,292	10,060	.....	10,232
Marion.....	826,280	1,084,783	258,503	.....
Perry.....	1,453,766	1,743,922	290,156	.....
Randolph.....	572,001	742,894	170,893	.....
Washington.....	95,796	68,768	.....	27,028
White.....	6,585	7,243	658	.....
Totals.....	4,132,639	5,582,245	1,486,866	37,260
Net increase.....	.....	.....	1,449,606	.....

NEW MINES.

The Norris City Coal Company, located at Norris City, White county, completed the sinking of its air shaft February 16, 1907. This shaft is 640 feet deep and is 7 by 10 feet, with four feet taken off for a stairway, leaving air chamber 7 by 6 feet.

The Big Muddy and Carterville Coal Company of Carterville has opened a mine on the Iron Mountain Railway at Royalton, two miles west of Zeigler. The main shaft is 10 by 16 feet in the clear. The air shaft has an air chamber 5 by 8 feet in the clear, with a manway 4 by 8 feet. The tippie is constructed of wood. The hoisting engines are the Aetna make, 20 by 36 inches, with a six-foot cast iron drum. The hoisting rope is one and a quarter inch steel. The cages are self dumping, of the Bond manufacture. The fan is sixteen feet in diameter. Two boilers are installed of the Galesburg make, seven-sixteenth inches shell, seventy-two inches in diameter and eighteen feet long, with seventy four-inch flues.

The Sesser Coal Company has opened a new mine, located on the C., B. & Q. Railroad, one and one-half miles from Sesser, Franklin county. The main shaft is 10 by 18 feet in the clear, timbered with 6 by 12 inch plank to the rock. The air shaft is 10 by 15 feet, with four feet off for a manway. The coal seam is 9 feet 10 inches thick and 723 feet below the surface. The plant was completed September 10, 1906. The hoisting engine is of the first motion type, 24 by 46 inches, made by Crawford & McCrimmon. The fan and the fan engines are of the same make. The fan is twenty feet in diameter and the engine 12 by 24 inches. The company has installed three Gem City boilers, 72 inches by 18 feet, with eighty-four flues. The boiler and engine rooms are built of brick and are fire proof. The fan house is also built of brick and stands twenty feet from the air shaft. The air chamber is tunneled to the air shaft. This would protect the fan in case of an explosion. The tippie is constructed of steel, with an end pull to the hoisting engine. The sheave wheels are set tandem, one above the other.