

Average value of egg coal per ton at mines.....	\$1.074
Average value of nut coal per ton at mines.....	0.812
Average value of screenings per ton at mines.....	0.57
Average value of slack or waste coal per ton at mines.....	0.151
Number of miners.....	3,855
Number of other employés under ground.....	878
Number of boys employed under ground.....	149
Number of employés above ground.....	695
Total number of employés.....	5,541
Average number of days of operation for all mines.....	147
Number of kegs of powder used in blasting coal.....	98,333
Number of fatal accidents.....	18
Number of non fatal accidents.....	46
Number of widows.....	7
Number of children left fatherless.....	30
Number of tons of coal produced for each fatal accident.....	139,996
Number of tons of coal produced for each non-fatal accident.....	68,332
Number of persons employed to each fatal accident.....	345
Number of persons employed to each non-fatal accident.....	139

New Mines—The Southern Illinois Coal Mining and Washing Co., Marion, Williamson county, has recently sunk a new shaft on the Chicago & Eastern Illinois railroad, three miles north of Marion. At the depth of 120 feet a seam of coal 9 feet thick was reached, which is probably No. 7 of the geological survey.

The size of the shaft is 17 feet 9 inches by 10 feet in the clear, and is situated on a 2,000 acre tract of land, the coal running from 9 feet to 11 feet in thickness. The timbers used in the shaft are 8 x 10 inches, white oak; the tippie house is built of steel, and was erected by the Wisconsin Bridge & Iron company. The self-dumping cages and shaker screens were built by J. A. Parker, Terre Haute, Ind. Electric mining machines are used, having a 300 horse power dynamo and engine. The boilers are of the Murphy furnace type, four in number, 600 horse power, and are fed by automatic machinery. The smoke stack is built of brick and is 100 feet high. The engine and boiler room is 45x90 feet, built of hollow tile with steel trusses. The roof is of fire proof material. There is a Stewart coal washer in connection with this mine, 30 feet wide by 160 feet long, with a washing and unloading capacity of 175 bushels per hour.

The Chicago Big Muddy Coal and Coke Co., Marion, Williamson county, has recently sunk a shaft on the Chicago & Eastern Illinois railroad three and one-half miles northwest of Marion. At the depth of 81 feet a seam of coal was reached nine feet thick. The size of the shaft is 9x13 feet, and is fully equipped.

The New Virginia Coal Co., Johnson City, Lake Creek postoffice, Williamson county, has sunk a shaft on the Chicago & Eastern Illinois railroad, one and one-half miles south of that place. The depth of the shaft is 119 feet; the size of shaft 9x13 feet; the thickness of the coal is six and one-half feet.

The Jupiter Mining Co., DuQuoin, Perry county, has recently sunk a shaft on the Illinois Central railroad at DuQuoin. The mine is now fully equipped, the capacity intended is about 700 tons per day.

The White Walnut Coal Co., Pinckneyville, Perry county, has sunk a shaft on the Illinois Central railroad, one-half mile south of the depot of this road. It is the intention of the company to have its shaft equipped for a capacity of about 1,200 tons per day, which will be the largest in Perry county.

A new mine has been sunk at Tilden, Randolph county. This mine is operated by a stock company, composed of the citizens of Tilden; it is organized as the Crystal Coal Company.

Seven other new mines are being sunk, two at Coulterville, Randolph county, one at Swanwick, Perry county, one at Herrin, Williamson county, two at Ledford, Saline county, and one at Tamaroa, Perry county.

Fatal Accidents—The following is a statement in detail of the fatal accidents that have occurred in the Seventh District during the year ending June 30, 1901.

July 16, 1900, William Moody, miner, aged 40 years, married, was instantly killed by a fall of roof at the face of his working room in the Pope Mining Co.'s mine, DuQuoin, Perry county. The slate that fell was about 12 feet long, eight feet wide and six inches thick. Deceased was in the act of shoveling away coal to make room to put up timber, when the slate fell. He leaves a widow and one child.

August 27, 1900, Joseph Messino, miner, aged 28 years, married, was instantly killed by a fall of slate at the face of his working room in the mine of the Willis Coal and Mining Co., Willisville, Perry county. The slate that fell on deceased was 20 feet long, ten feet wide, and from eight to ten inches thick. The room had been mined and the coal blasted down. This was a case of waiting to load the coal and then timber the place, as the deceased had remarked that he would timber the room as soon as the coal could be loaded and taken out of the way. Messino was careless in not timbering his place in time. He left a widow and one child.

August 27, 1900, Napoleon Simmons, miner, aged 28 years, married, was severely burned by the explosion of powder in the Superior Coal Co.'s mine, DuQuoin, Perry county. The deceased was handling the powder when it was ignited by the light of his lamp. He walked to his home, and no one thought at the time that he was seriously burned; it was judged that he must have been burned internally. He died 48 hours after the accident, and leaves a widow and two children.

September 16, 1900, James Sammons, laborer, aged 19 years, single, was severely hurt by falling down the escapement shaft, 150 feet, of the Chicago-Coulterville Coal Co., at Herrin, Williamson county. He died in 30 minutes after being brought to the surface. The deceased was walking across over the shaft when the plank he was walking on gave way, causing him to fall, with the result as stated.

September 17, 1900, Elmer Hill, miner, aged 17 years, single, was instantly killed by falling roof in the Greenwood & Davis Coal Co.'s mine, DuQuoin, Perry county. The deceased was working with his father; he had timbered the room that morning and was loading the coal; he asked his father if he thought everything was all right, and before the father could answer a piece of elod weighing about 200 pounds broke off over one of the props, crushing his head against the kip piece on the bottom, with the result as stated.

December 13, 1900, Patrick Martin, miner, aged 39 years, single, was severely crushed about the body by a fall of top coal at the Harrison shaft of the Big Muddy Coal & Iron Co., Murphysboro, Jackson county. Deceased