

Number of tons sold to local trade.....	332,240
Tons consumed and wasted at the mines.....	62,610
Average number of days worked during the year.....	180
Number of tons mined by hand.....	1,937,830
Number of tons cut by machines.....	59,343
Average price paid per ton for hand mining.....	\$0.4714
Average price paid per ton for machine mining.....	\$0.361
Number of mines using machines.....	2
Number of machines in use.....	11
Number of kegs of powder used for blasting coal.....	73,282
Number of kegs of powder used for other purposes.....	641
Number of non-fatal accidents.....	30
Number of fatal accidents.....	5
Number of wives made widows.....	3
Number of children left fatherless.....	8
Number of tons produced to each fatal accident.....	399,434
Number of tons produced to each non-fatal accident.....	66,572
Number of persons employed to each fatal accident.....	773
Number of persons employed to each non-fatal accident.....	128

The following is the total production of coal, by counties, in the Third District, with the increase or decrease of output for the years ended June 30, 1899 and 1900:

COUNTIES.	Total Output of all Grades of Coal in Tons.		Increase.	Decrease.
	1899.	1900.		
Cass.....	3,430	2,650		780
Fulton.....	601,084	665,439	64,355	
Hancock.....	5,498	5,280		218
Menard.....	427,939	397,276		30,663
McDonough.....	51,494	64,822	13,328	
Peoria.....	744,698	727,737		16,961
Tazewell.....	112,018	120,869	8,851	
Schuyler.....	11,132	13,100	1,968	
Totals.....	1,957,293	1,997,173	88,502	48,622
Net increase.....				39,880

In the counties now comprising the Third District the output of coal for 1900 shows an increase of 39,880 tons over 1899; the largest increase is shown in Fulton county, being 64,355 tons; the largest decrease in tonnage is in Menard county. This decrease was caused by the Athens Coal Company losing by fire, one side of its shaft; the coal on this side of the mine caught from a fire which originated in an oil house that was located on that side of the mine. This part of the mine has been walled off, and has not been reopened.

The Greenview Coal Company also lost about one month's work by being flooded with water, which came from a fall that occurred in the mine; the other mines in the county have produced about the usual quantity of coal.

*New Mines.*—The Norris Coal Company, Norris, Fulton county, has reopened its mine, and has sunk it to the No. 5 seam, which is about four feet and four inches in thickness, and a good quality of coal.

The Maplewood Coal Company, Farmington, Fulton county, has sunk a new shaft on land adjoining its property; this shaft is now being opened up, and will employ more men than have formerly been employed by that company

The Quincy Coal Company, Colchester, McDonough county, has sunk a new shaft at that place; the coal is only about 60 feet from the surface.

James Walker, Mapleton, Peoria county, has sunk a new slope, and now has it in operation; it is a shipping mine, and will give employment to 30 or 40 men

Sholl Brothers, Peoria, Peoria county, have sunk a new mine, and have leased it to the Collier Coöperative Coal Company. It will be in operation in the near future.

*Improvements.*—A new 10-foot fan has been put in the Canton Union Coal Company's mine, at Canton, which greatly improves the ventilation of that mine.

The Howat Bros. Coal Co., Canton, Fulton county, has put in a new fan at its mine, which gives good satisfaction.

Taylor & Peck, Cuba, Fulton county, have put in a new fan to replace the furnace that had been used in their mine for a number of years; this also gives good satisfaction, and is a great improvement over the old system of ventilation. This firm has also provided for a new dump at each of their mines, which greatly improves the conditions around the mines.

The Whitebreast Fuel Co., Dunfermline, Fulton county, has put in a new fan at its Buckhart mine, at St. David; this improves the ventilation at that place.

Kramm Bros., Edwards, Peoria county, have put in a new fan at their mine; this replaces a furnace that has been used for ventilating their mine, and is a great improvement over the old system.

The Greenview Coal Mining Co., Greenview, Menard county, has put in an electric haulage system in its mine; at this mine the coal is all on one side of the shaft, and the haulage with mules was a slow process in getting the coal out. The roadways are over 5,000 feet in length, and have been relaid with 30 pound rails; a 10-ton motor is used, and makes a great improvement in handling the coal, over the old system hauling with mules.

The Sunday Creek Coal Co., Middle Grove, Fulton county, has put in two new boilers, and has also cleaned out the air-courses their entire length in the mine; this gives a much better system of ventilation than has been in this mine for some time.

*Air and Escapement Shafts.*—Newsam Bros., at their Kingston mine, Peoria county, have put down a new air-shaft. It is at the face of the works, and is a great improvement to the ventilation. At the Reed City mine a new shaft has also been sunk, at the head of the works, which greatly increases the quantity of air passing in that mine.

Sholl Bros. have sunk a new air-shaft at their mine at Bartonville, Peoria county. This mine was previously in a very bad condition for air, but is now very much improved.

Gustave Gabelhausen, East Peoria, Peoria county, has sunk an air-shaft to his mine; this place had no air or escapement shaft heretofore.

King & Grosweiler, Pekin, Tazewell county, have finished the escapement shaft at their mine; this was started last year, and reported as finished.

P. W. Meehan, Breeds, Fulton county, has sunk a new air-shaft at his mine; this is at the head of the works, and is an improvement over the old one; it nearly doubles the quantity of air passing in the mine.

—S C. R.