

The following summaries are presented:

Total number of mines	104
Shipping mines	59
Local mines.....	45
New mines	6
Abandoned or exhausted mines.....	11
Estimated number of acres worked out during the year.....	798.50
Number of employes	3,231
Highest number employed at any one time during the year	4,152
Number of other employes in and about the mines, including 141 boys	1,269
Total number of employes	7,021
Average number of working days for the district	236
Total number of kegs of powder used	101,623
Average price for mining in summer	\$0 55
Average price for mining in winter	0 55.91
Number of tons of lump coal produced.....	4,508,382
Number of tons of other grades produced.....	1,276,484
Total number of tons for the district.....	5,784,866
Average value per ton of coal at the mines.....	\$0 83.6
Aggregate value of total product	\$4,160,922
Number of coal-cutting machines used.....	187
Output in tons by machines.....	2,914,902
Number of employes operating machines.....	2,230
Number of fatal accidents.....	19
Number of non-fatal accidents	67
Total number of accidents.....	77
Number of wives made widows	3
Number of children left fatherless	7
Number of employes to each fatal accident	702
Number of employes to each non-fatal accident.....	105
Number of tons for each fatal accident	578,487
Number of tons for each non-fatal accident	86,341

Improvements.—The following is a detailed list of the various improvements made in and around the mines during the fiscal year:

In Bond county the Sorento Coal Co. has put in a plant to mine the coal by machinery, an Ingorsoll compressor and Ingorsoll coal-cutting machines. Two new boilers have been added to the plant.

In Christian county the Pana Coal Co. has put in a new fan at its No. 1 colliery; the fan is 18 feet in diameter, and erected on the Guibal principle; the fan is set about 75 feet from the upcast shaft, the air being carried to the fan by a brick tunnel; the engine is geared direct to the fan-wheel. The endless rope has been put in so as to travel in both intake and return entries, leading from the main shaft, which is a great improvement, making a double track for the rope in all parts of the mine.

In Macoupin county the Consolidated Coal Co. in the No. 6 colliery at Staunton, has made two new main entries, making four main entries, leading from the bottom of the shaft; double haulage track has been extended in all parts of the mine; the 20-foot fan and casing have been improved, so that with 72 revolutions per minute a water gauge is shown of 14-10 inches, and a quantity of 92,000 cubic feet of air per minute; in