

## FOURTH INSPECTION DISTRICT--1895.

MR. GEORGE A. SCHILLING,

*Secretary of the Bureau of Labor Statistics, Springfield, Illinois.*

SIR:—In accordance with section twelve of "An act providing for the health and safety of persons employed in coal mines," I have the honor to present the twelfth annual coal report of the Fourth Inspection District for the year ending July 1, 1895.

The following is a summary of the tabular statements for all of the counties in the district:

Total number of mines.....	134
Total number of shipping mines.....	67
Total number of local mines.....	67
Highest number of men employed under ground.....	7,089
Number employed on the surface.....	966
Boys under 16 years of age employed under-ground.....	206
Total tons of all grades sold or consumed.....	5,612,764
Total tons of lump coal produced.....	4,154,588
Total tons of other grades.....	1,458,226
Number of fatal accidents to employes.....	15
Number of non-fatal accidents to employes.....	139
Number of fatal accidents to others not employes.....	1
Number of tons produced to each fatal accident.....	374,184
Number of tons produced to each non-fatal accident.....	40,379
Fatal accidents per 1,000 employes.....	1.87
Non-fatal accidents per 1,000 employes.....	17.3

*New Mines.*—In Macoupin county, the Green Ridge Coal Company has opened a mine on the Chicago & Alton Railroad, one and one-half miles south of Girard. The equipment consists of a Litchfield first motion double hoisting engine, four boilers and a Cauty tippie. The latter is a device for automatically running the car off the cage, dumping the coal and returning the car to the cage; practically, the same results are obtained as with a self-dumping cage, without the danger of having an unstable platform for conveying men in the shaft.

At Litchfield, Montgomery county, the Litchfield Mining and Power Co., has sunk a shaft. The surface plant is of a high grade. The mine buildings are brick; a Litchfield hoisting engine, three boilers and shaking screens have been installed. The seam has not proven satisfactory to the promoters.

*Abandoned Enterprises.*—The Ramsey Coal Company commenced to sink a shaft at Ramsey, Fayette county, and abandoned it after sinking about seventy feet in drift.

*Developments.*—The Moweauqua Coal Mining & Manufacturing Company, Moweauqua, Shelby county, has sunk its shaft to the depth of 900 feet and is prospecting a seam of coal five feet two inches in thickness, which is inter-stratified near the middle by two feet of rock.