

STATE AND LOCAL MEETS.

To maintain interest in the safety movement and, in numerous instances, to select the team for the bureau's international meet, State, local, and company first-aid meets were held in numerous places during the fiscal year. Some of these meets were held directly under the auspices of the Bureau of Mines, and Bureau of Mines engineers, foreman, and first-aid miners actively assisted in preparing teams for meets. At other meets the bureau representatives merely rendered assistance by officiating at the meet in such capacity as desired by company or State officials. A list of such meets follows:

State and local meets during fiscal year 1921.

Name of meet.	Place held.	Number teams participating.	Date.
Indiana State first aid meet.....	Clinton, Ind.....	34	July 5, 1920
American Zinc Co.....	Mascot, Tenn.....	4	Do.
Davis Coal & Coke Co.....	Thomas, W. Va.....	11	July 13, 1920
Illinois Northern District Safety and First Aid Association.....	Spring Valley, Ill.....		July 17, 1920
Iowa State meet.....	Des Moines, Iowa.....	9	Aug. 7, 1920
New River Co.....	Scarbro, W. Va.....		Aug. 14, 1920
Washington State meet.....	Roslyn, Pa.....	9	Do.
Virginia State meet.....	Norton, Va.....	27	Do.
Keystone Coal & Coke Co.....	Crows Nest, Pa.....	30	Do.
Bertha Coal Co. and associated companies.....	Johanna, Pa.....	5	Aug. 15, 1920
Union Pacific Coal Co.....	Rock Springs, Wyo.....	6	Do.
Butte miners' safety-first field day.....	Butte, Mont.....		Aug. 16, 1920
C. M. Dodson Coal Co. and Locust Mountain Coal Co.....	Shenandoah, Pa.....	6	Do.
Lehigh Coal & Navigation Co. and associated companies.....	Hauto, Pa.....	38	Aug. 21, 1920
Tennessee and eastern Kentucky coal companies.....	Knoxville, Tenn.....	10	Do.
Alabama State meet.....	Birmingham, Ala.....	23	Do.
West Virginia State meet.....	Charleston, W. Va.....		Aug. 28, 1920
Vancouver Island Mine Safety Association.....	Ladysmith, B. C.....		Sept. 9, 1920
Consolidation Coal Co.....	Jenkins, Ky.....	9	May 14, 1921
H. C. Frick Coke Co.....	Leisenring, Pa.....	12	June 11, 1921
Detroit Safety Council.....	Detroit, Mich.....		June 25, 1921
Missouri State meet.....	Bevier, Mo.....	6	Do.
Oklahoma State meet.....	Henryetta, Okla.....		June 24, 1921

EXHIBITS AT STATE FAIRS.

During the summer and fall of 1920 the mine-rescue cars of the Bureau of Mines participated in three State fairs and gave demonstrations in first-aid and mine-rescue work. The fairs were as follows: Iowa State fair, August 26 to September 3, car 7; California State fair, September 5 to 12, car 1; and Arizona State fair, November 8 to 13, car 1. In addition, car 2 was on exhibit during the period November 15 to 20, inclusive, in Denver, Colo., during the meeting of the American Mining Congress there. Similarly the car was exhibited in Denver during the convention of the American Federation of Labor, June 8 to 19, 1921.

MINE ACCIDENTS AT WHICH ASSISTANCE WAS RENDERED BY EMPLOYEES OF THE DIVISION OF SAFETY CARS AND STATIONS.

During the year assistance was rendered by the division of safety cars and stations at 32 mine accidents, 31 of these accidents being at coal mines and 1 at metal mines. A list of the accidents appears in the table following:

Mine accidents at which assistance was rendered by the employees of the division of safety cars and stations.

Name of mine.	Location.	Date.	Killed.	Injured.	Rescued.	Escaped unassisted.	Number apparatus used.	Hours apparatus worn.	Nature of accident.	Car, station, or person rendering assistance.
Shelburn.	Shelburn, Ind.	July 6.		5					Gas explosion.	Car 9, Vincennes station.
Renton Shaft.	Renton, Pa.	July 19-24.	9				25	200	Gas and dust explosion.	Car 3, Pittsburgh station.
Black Butte.	Black Butte, Wyo.	July 21.							Mine fire, magazine explosion.	Car 11.
Sublet No. 6.	Sublet Wyo.	July 27.	7						Outside of mine.	Grove
Sunnyside No. 2.	Sunnyside, Utah.	Aug. 17-28.		2			30	450	Mine fire.	Car 11.
Do.	Do.	Sept. 28-Nov. 20.					45	5,600	Unsealing above fire.	Do.
Degnan No. 19.	Degnan, Okla.	Aug. 21.	10			4			Gas explosion.	Rutledge.
Calaveras.	Copperopolis, Calif.	Sept. 29.	2	1		1	12	120	Mine fire.	Car 1, Berkeley station.
Submarine.	Clinton, Ind.	Sept. 6.	3						Explosion.	Vincennes Station.
Arnold.	Earlington, Ky.	Nov. 16.	6		10				Mine fire.	Brown.
Katherine.	Allison, Pa.	Nov. 15-24.					5	20	do.	Powell and Herbert.
Beaver Clay Manufacturing Co.									do.	Car 3, Pittsburgh Station.
Parrish.	New Galilee, Pa.	Nov. 18.							do.	Do.
Shelburn.	Parrish, Ala.	Nov. 23.	2	10					Gas explosion.	J. J. Forbes.
Montevallo.	Shelburn, Ind.	Nov. 2.							Mine fire.	Vincennes Station.
Keller.	Aldrich, Ala.	Dec. 10.					a 5		do.	Birmingham Station.
Princeton.	Clinton, Ind.	Dec. 8 and 31.							Sealing and reopening mine fire.	Vincennes Station.
Virginia Coal & Mining Co.	Princeton, Ind.	Dec. 4.					a 5		Reopening mine fire area.	Evansville Station.
Osage Coal Mining Co.	Merrimac, Va.	Jan. 3.		5					Gas explosion.	Knoxville Station.
Kal Inia Coal Co.	Richville, Okla.	Nov. 30.	1						Shot firer's explosion.	McAlester Station.
Hamilton Coal & Mercantile Co.	Cambria, Okla.	Dec. 20.							do.	Do.
Vigo Mining Co.	Cherokee, Kans.	do.							Explosion.	Car 4.
Oak Hill.	Sullivan, Ind.	Jan. 10.	3						Gas explosion.	Herbert and Bourquin.
Liberty.	Oak Creek, Colo.	Feb. 13.	5						Explosion.	Sullivan and Smith.
Kal Inia Coal Co.	Francisco, Ind.	Feb. 16.	4						Gas explosion.	Evansville Station.
mine No. 1.	Cambria, Okla.	Feb. 9-24.					12	200	Sealing mine fire.	McAlester Station.
Kathleen.	Dowell, Ill.	Feb. 23-24; Mar. 16-Apr. 3.	7				a 16	a 400	Sealing and reopening mine fire.	Car 6, Herbert and Bourquin.

Centralia Coal Co., No. 5 mine.	Centralia, Ill.	Feb. 23.....	3	.....	.....	Explosion.....	Herbert and Bourquin.
McClellan.....	Riley, Ind.	Feb. 15.....	2	.....	.....	Shot firer's explosion.....	Herbert and W. H. Forbes.
Capouse.....	West Stranton, Pa.	Apr. 7.....	3	1	.....	Powder explosoin.....	Wilkes-Barre Station.
Maryd.....	Maryd, Pa.	Apr. 16.....	2	.....	.....	Rush of coal.....	Do.
Watkins Coal Co., No. 3 mine.	Spangler, Pa.	May 24.....	2	3	.....	Gas explosion.....	Berry.
Dittmann-Wachter mine.	Pittsburg, Kans.	June 9.....	.....	.....	.....	Explosion.....	Car 4.

^c An approximate figure.