

TABLE XV. *Tenor of lead and zinc concentrates produced in Miami-Picher district
Oklahoma 1908-1930.*

MIAMI DISTRICT ¹ (Includes Picher area after 1915.)		1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
Lead concentrates	per cent	2.2	2.4	2.9	2.0	2.1	1.5	1.24	1.10	1.15	0.94	1.22	1.13	1.18	1.76	1.29	1.08	1.04	1.01	0.86	0.68	0.61	0.55	5.54
Zinc concentrates	" "	8.4	6.8	8.9	5.6	5.1	4.4	3.84	3.28	4.03	4.56	5.23	5.47	5.87	7.60	6.32	5.61	5.76	5.13	4.95	4.07	4.30	4.14	3.72
Total concentrates in crude ore	" "	10.3	9.2	11.8	7.6	7.2	5.9	5.08	4.38	5.18	5.50	6.45	6.60	7.05	9.36	7.61	6.69	6.80	6.14	5.81	4.75	4.91	4.69	4.26
Lead metal	" "	1.8	1.9	2.4	1.5	2.1	1.2	1.00	.86	.91	.76	.98	.87	.92	1.43	1.04	.86	.83	.80	.65	0.53	0.48	0.42	0.42
Zinc metal	" "	4.1	3.4	4.3	2.8	5.1	2.4	2.03	1.82	2.33	2.72	3.13	3.21	3.52	4.54	3.78	3.34	3.41	3.01	2.83	2.36	2.49	2.42	2.19
Metal content of crude ore	" "	5.9	5.3	6.7	4.3	7.2	3.6	3.03	2.66	3.24	3.48	4.11	4.08	4.44	5.97	4.82	4.20	4.24	3.81	3.48	2.89	2.97	2.84	2.61
Average lead content of galena concentrates	" "	79.8	79.6	79.5	78.3	79.6	79.8	80.00	78.9	79.0	80.4	80.2	79.4	80.2	81.0	80.4	79.9	79.2	78.9	78.5	78.2	78.4	77.8	76.80
Average value per ton of galena concentrates	dollars	\$53.28	51.92	51.76	53.55	54.42	52.91	47.19	54.60	83.94	100.77	88.54	67.87	93.93	52.48	75.12	94.95	106.68	117.13	106.95	86.77	80.79	83.61	64.68
Average zinc content of sphalerite concentrates	per cent	48.9	50.3	48.7	50.4	51.8	53.6	54.8	55.7	57.77	59.6	59.6	58.8	59.9	59.8	59.9	59.5	59.2	58.6	58.1	58.1	57.8	58.3	58.80
Average value per ton of sphalerite concentrates	dollars	\$31.21	31.21	29.32	29.50	39.80	31.50	32.66	66.48	74.80	67.44	50.55	43.00	44.96	22.83	34.37	40.45	40.93	50.64	45.91	38.29	36.30	38.57	30.09
Total crude ore ² of both districts	short tons	225,184	317,574	223,212	224,450	293,500	581,100	763,920	891,800	1,406,900	3,523,200	5,754,700	6,168,200	6,943,100	2,969,500	6,159,500	7,937,200	8,804,000	10,605,200	10,934,000	9,932,400 ³	8,028,000 ⁴	9,324,600 ⁵	7,213,600 ⁶
QUAPAW DISTRICT:																								
Lead concentrates	per cent	.3	.2	.3	.4		0.2		0.12	.07	.51	.36	.57	.13										
Zinc concentrates	" "	2.5	3.5	3.7	3.0	1.9	1.9	3.82	2.14	2.42	2.30	4.15	3.15	5.49										
Total concentrates in crude ore	" "	2.8	3.7	4.0	3.4		2.1		2.26	2.49	2.81	4.51	3.72	5.62										
Lead metal	" "	.3	.2	.2	.3		0.13		.09	.06	.41	.28	.43	.10										
Zinc metal	" "	1.4	2.0	2.2	1.7	1.1	1.1	2.14	1.23	1.31	1.32	2.30	1.76	3.23										
Metal content of crude ore	" "	1.7	2.2	2.4	2.0		1.23		1.32	1.37	1.73	2.58	2.19	3.33										
Average lead content of galena concentrates	" "	79.0	79.3	78.2	79.3	79.5	78.4	79.00	76.8	77.0	78.8	78.7	77.0	75.6										
Average value per ton of galena concentrates	dollars	\$51.74	51.41	50.84	55.32	50.00	51.55	50.00	53.74	71.79	95.10	92.27	60.10	93.95										
Average zinc content of sphalerite concentrates	per cent	56.8	57.9	57.9	57.0	57.8	55.8	56.2	57.5	54.2	56.9	55.5	55.8	58.8										
Average value per ton of sphalerite concentrates	dollars	\$31.02	41.39	38.81	36.78	48.36	38.03	34.87	80.97	73.30	61.41	41.19	44.30	42.14										

(1) Includes Quapaw district after 1921.

(2) Includes some re-milled old tailings, only small amount up to 1923, but reaching nearly 10 per cent of total milled in 1926.

(3) Includes 7,199,100 tons crude ore containing 0.93 per cent lead conc., 4.95 zinc conc., and 2,733,300 tons tailings containing 0.01 per cent lead conc., 1.75 per cent zinc conc.

(4) Includes 5,527,700 tons crude ore containing 0.87 per cent lead conc., 5.55 zinc conc., and 2,500,300 tons tailings containing 0.01 per cent lead conc., 1.53 per cent zinc conc.

(5) Includes 6,408,400 tons crude ore containing 0.79 per cent lead conc., and 5.31 per cent zinc conc., and 2,916,200 tons tailings containing 0.01 per cent lead conc., and 1.50 per cent zinc conc.

(6) Includes 4,118,600 tons crude ore containing 0.92 per cent lead conc., and 5.23 per cent zinc conc., and 3,095,000 tons old tailings containing 0.03 per cent lead conc., and 0.99 per cent zinc conc.