

## MINE TAXATION IN ARIZONA

YEARS 1963, 1964 and 1965

### COMPILATION OF MINING TAXATION STATISTICS

By ARIZONA DEPARTMENT OF MINERAL RESOURCES

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The Arizona Department of Mineral Resources has compiled a statistical analysis of mine property taxation in Arizona for the years 1963, 1964 and 1965. The source of the data was State Tax Commission reports and special reports from the County Assessors of the six major mining counties of Cochise, Gila, Greenlee, Pima, Pinal and Yavapai.

This is a summary of the fiscal 1963, 1964 and 1965 net valuations, taxes paid, and tax-rates at fifteen of the larger mines in operation, constituting 96.4% of the net valuation of all the mining property in the state. Because all of these large mines are located far from large cities with expensive school plants, school district tax-rates are naturally lower in the mining districts than in the cities. However, such lower rates are partly offset by the appraised valuations of the mines, which by the appraisal systems employed in the two areas, probably amount to 60-100 percent of the true value of the mines, as compared with 15-30 percent of the true value of farm and city property.

The figures for taxes paid, calculated from the average tax-rates shown on Table I, are empirical, but only by exhaustive study and cooperation of local authorities and individuals could accurate figures be compiled to replace these approximations.

Although over 96 percent of all Arizona mining property taxes have been paid in only six of the fourteen counties, a large proportion of the amount paid into the state general fund has been re-distributed to all the counties according to their average daily school attendance (at \$170 per pupil). Hence the mining companies have been contributing to the support of schools in all counties. Likewise the severance (or sales) tax paid by the mining companies has gone into the state general fund in the amount of 22.4 percent of collections. All the counties have received 33.6 percent: all the cities 25 percent; social welfare has received 15.0 percent; and 4 percent has been retained for administrative expense. Here again, even though the mining companies have helped to keep their own county tax-rate down, they have also contributed to the support of the other counties, and especially to the city of Phoenix.

Senate Bill 36 enacted by the 24th Legislature in the First Regular Session in 1959, increased the A.D.A. aid to schools from \$127.00 to \$170.00 per pupil, and reduced County aid from \$30.50 to \$10.00 per pupil, amounts to be paid on basis of current A.D.A. In addition, the counties are to provide \$20.00 per A.D.A. which is to be used as a school equalization fund within the county. This Bill became effective July 1, 1959.

House Bill 68, also enacted in the same legislative session in 1959, increased the sales tax-rate by 50%, and this included the mine production severance (or sales) tax-rate. The Bill provided that all of the funds thus collected should be appropriated for educational purposes and go into the Education Excise Tax Fund. This Bill also became effective July 1, 1959.

By a vote of the people in the November election of 1960, the regular sales taxes collected in the state are to be distributed after July 1, 1961 as follows:

Cities' proportion is raised from	10%	to	25%
States' proportion is reduced from	28.4%	to	22.4%
Counties' proportion is reduced from	42.6%	to	33.6%
Social Security proportion is unchanged at			15%
Administrative proportion is unchanged at			4%

The COUNTY share is based upon a combination of the assessed valuation of the County plus the sales taxes collected in the County.

The CITY share is based upon population.

#### Mining Corporation State Income Tax

By Act of the Legislature in 1965, the corporation income tax was raised from 5% of net income in excess of \$7,000, to 6.6% of all taxable income in excess of \$7,000.

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The total amount of severance taxes collected under the guise of "sales" taxes, in Arizona from July 1, 1933 to June 30, 1965, inclusive, has been calculated at \$72,139,678 (Table IV). For the last fiscal year, 1965, the severance tax on metal mining amounted to \$7,129,995.

# COMMENTS ON MINING INDUSTRY

## 1963, 1964 and 1965 TAX RATES

A summary of Ad Valorem taxes plus severance taxes on mine production for the years 1963, 1964 and 1965, given in detail on TABLE III, would bring out the following comparison of the three-year average of the combined Ad Valorem taxes plus severance taxes on all mining property, with the Ad Valorem taxes on all other property in the State:

	ALL MINING PROPERTY	ALL OTHER PROPERTY
Net Valuation (3-Yr. Avg.)	\$ 269,814,457	\$ 1,784,324,783
Ad Valorem Taxes (3-Yr. Avg.)	\$ 13,120,502	\$ 180,641,122
Rate (3-Yr. Avg.)	\$ 4.863	\$ 10.124
Severance Taxes (Avg.)	\$ 6,355,064	- - - -
Ad Valorem Rate (Avg.)	\$ 2.355	- - - -
Grand Total		
Prop. & Sev. Taxes (3-Yr. Avg.)	\$ 19,475,566	- - - -
Combined Rate	\$ 7.218	- - - -

At first glance, the calculations of the Arizona tax-rate on mining property for the three-year average, of 1963-1965, (even when the severance or production tax is included), may seem to be far out of line; with the combined rate for mining property at \$7.218, as compared with a rate of \$10.124 for all other property. But when one reflects that the assessed valuation on most of the mining property is based upon the Hoskold Formula, a formula which had been developed for the use of engineers representing both the buyer and the seller of mining property, and therefore may be assumed to be really based on 100 percent of true value, whereas other property is based on less than 30 percent of true value, the discrepancy is not so alarming.

For example, even if we assume mining property to be assessed at only 60 percent of true value and other property at as much as 30 percent of true value, we arrive at the following result:

	Reported by State Tax Commission	% of True Value
Net Valuation of all Mining Property	<u>\$ 269,814,457</u>	<u>60%</u>
Net Valuation of Property Other Than Mining	\$1,784,324,783	30%

$$\frac{\$ 269,814,457}{.60} = \$449,690,000 = \text{true value}$$

$$\frac{\$ 449,690,000}{\$19,475,566} \times \$4.331 \text{ per } \$100 = \text{Mining Taxes Levied}$$

$$\frac{\$ 1,784,324,783}{.30} = \$5,947,750,000 = \text{true value}$$

$$\frac{\$ 5,947,750}{\$ 180,641,122} \times \$3.037 \text{ per } \$100.$$

Thus it is seen that when the net valuation of ALL Mining Property is assumed to be only 60% of the "true value", and the net valuation of all Arizona Property Other than Mining is assumed to be 30% of the "true value", the true comparison is \$4.331 per \$100 for all mining property, and only \$3.037 per \$100 for All Other Arizona Property, as compared with \$7.218 per \$100 for All Mining Property and \$10.124 for All Property Other than Mining.

The total property taxes levied against mining would under the "true value" method for the three-year average, be \$19,475,566 and for Property Other than Mining, would be \$180,641,122. In percentage this would be 9.73% for Mining and 90.27% for Other than Mining. This percentage under the Tax Commission's actual net valuation would be 13.14% for Mining and 86.86% for other than Mining.

TABLE I

REVISED METHOD OF DETERMINING 1963, 1964 and 1965 TAX RATES  
ON MINING PROPERTY OF PRODUCING MINING COMPANIES

Source: State Tax Commission Reports and Reports from County Assessors

YEARS		Net Valuation	State Tax Rate	County Tax Rate	School District Tax/Rate	City-Fire District Tax/Rate	Total Tax Rate	Mine Taxes Levied
COCHISE COUNTY:								
PHELPS DODGE:								
1963	Lavender Pit	\$ 10,702,096	\$1.55	\$2.542	\$ 6.390	\$ 2.740	\$13.222	\$ 1,415,031
1964	Lavender Pit	11,041,398	1.35	2.587	5.560	2.650	12.147	1,341,199
1965	Lavender Pit	11,316,667	1.77	2.542	4.820	2.750	11.882	1,344,646
GILA COUNTY:								
ASARCO:								
1963	Hayden Smelter	402,874	1.55	2.240	3.454	1.205	8.449	34,039
1964	Hayden Smelter	372,355	1.35	1.990	2.827	1.300	7.467	27,804
1965	Hayden Smelter	397,714	1.77	2.240	3.734	1.173	8.917	35,464
INSPIRATION CONS.								
1963	COPPER CO.	13,620,743	1.55	2.240	2.536	0.005	6.331	862,329
1964	" " "	13,690,896	1.35	1.990	2.841	0.005	6.186	846,919
1965	" " "	13,830,936	1.77	2.240	3.251	0.005	7.266	1,004,956
TENN. COPPER								
1963	Castle Dome Unit	587,000	1.55	2.240	2.522	- - -	6.312	37,051
1964	Castle Dome Unit	587,000	1.35	1.990	2.830	- - -	6.170	36,218
1965	Castle Dome Unit	587,000	1.77	2.240	3.241	- - -	7.251	42,563
TENN. COPPER								
1963	Copper Cities Unit	6,363,360	1.55	2.240	2.523	0.006	6.319	402,101
1964	Copper Cities Unit	6,463,360	1.35	1.990	2.831	0.006	6.177	399,242
1965	Copper Cities Unit	5,463,360	1.77	2.240	3.242	0.006	7.258	396,531
TENN. COPPER								
1963	Miami Unit	1,071,335	1.55	2.240	2.694	1.051	7.536	80,725
1964	Miami Unit	1,081,335	1.35	1.990	2.971	1.080	7.391	79,921
1965	Miami Unit	1,081,335	1.77	2.240	3.372	1.211	8.593	92,919

T A B L E I (Continued)

Years		Net Valuation	State Tax Rate	County Tax Rate	School District Tax-Rate	City-Fire District Tax-Rate	Total Tax Rate	Mine Taxes Levied
<u>GILA COUNTY: Con't.</u>								
<u>KENNECOTT COPPER CORP.</u>								
1963	Hayden Plant	\$10,350,097	\$1.55	\$2.240	\$3.454	\$ 0.668	\$7.912	\$ 818,900
1964	Hayden Plant	9,715,363	1.35	1.990	2.827	0.713	6.880	668,417
1965	Hayden Plant	10,254,508	1.77	2.240	3.734	0.796	8.540	875,735
<u>GREENLEE COUNTY:</u>								
<u>PHELPS DODGE:</u>								
1963	Morenci Branch	72,598,965	1.55	- -	0.670	0.003	2.223	1,613,875
1964	Morenci Branch	72,907,490	1.35	- -	0.698	0.003	2.051	1,495,333
1965	Morenci Branch	74,345,529	1.77	- -	0.680	0.003	2.453	1,823,696
<u>PIMA COUNTY:</u>								
<u>ASARCO:</u>								
1963	Silver Bell Unit	13,086,553	1.55	1.908	2.727	- -	6.185	809,403
1964	Silver Bell Unit	13,076,162	1.35	1.907	3.007	- -	6.264	819,091
1965	Silver Bell Unit	11,826,591	1.77	2.144	2.495	- -	6.409	757,966
<u>ASARCO:</u>								
1963	Mission Unit	24,707,990	1.55	1.908	0.539	- -	3.997	987,578
1964	Mission Unit	24,688,893	1.35	1.907	0.763	- -	4.020	992,493
1965	Mission Unit	25,763,767	1.77	2.144	0.866	- -	4.780	1,231,508
1963	BANNER MINING CO.	1,745,161	1.55	1.908	0.539	- -	3.997	69,754
1964	Banner Mining Co.	1,044,142	1.35	1.907	0.763	- -	4.020	41,975
1965	Banner Mining Co.	1,034,693	1.77	2.144	0.866	- -	4.780	49,458
<u>DUVAL CORP.:</u>								
1963	Esperanza	12,613,108	1.55	1.908	0.539	- -	3.997	504,146
1964	Esperanza	12,298,013	1.35	1.907	0.763	- -	4.020	494,380
1965	Esperanza	12,047,926	1.77	2.144	0.866	- -	4.780	575,891
<u>PHELPS DODGE:</u>								
1963	New Cornelia	27,044,382	1.55	1.908	1.604	- -	5.062	1,368,987
1964	New Cornelia	27,337,429	1.35	1.907	1.531	- -	4.788	1,308,916
1965	New Cornelia	27,510,886	1.77	2.144	1.391	- -	5.305	1,459,453

T A B L E I (Continued)

Years		Net Valuation	State Tax Rate	County Tax Rate	School District Tax/Rate	City-Fire District Tax/Rate	Total Tax Rate	Mine Taxes Levied
<u>PIMA COUNTY: Con't.</u>								
1963	Pima Mining Co.	\$4,398,257	\$1.55	\$1.908	\$0.539	- -	\$3.997	175,798
1964	Pima Mining Co.	4,442,512	1.35	1.907	0.763	- -	4.020	178,589
1965	Pima Mining Co.	6,428,406	1.77	2.144	0.866	- -	4.780	307,278
<u>PINAL COUNTY:</u>								
<u>KENNECOTT CORP:</u>								
1963	Ray Mine	23,808,295	1.55	1.708	2.910	- -	6.168	1,468,496
1964	Ray Mine	23,815,540	1.35	1.780	3.150	- -	6.280	1,495,616
1965	Ray Mine	23,500,442	1.77	1.746	2.580	- -	6.096	1,432,587
<u>MAGMA COPPER CO.:</u>								
1963	San Manuel	31,302,551	1.55	1.708	1.430	- -	4.688	1,467,464
1964	San Manuel	31,372,579	1.35	1.780	1.490	- -	4.620	1,449,413
1965	San Manuel	33,438,914	1.77	1.746	1.350	- -	4.866	1,627,138
<u>YAVAPAI COUNTY:</u>								
1963	Bagdad Copper Corp.	3,105,565	1.55	1.885	4.976	- -	8.411	261,209
1964	Bagdad Copper Corp.	3,008,945	1.35	1.946	5.285	- -	8.581	258,198
1965	Bagdad Copper Corp.	3,628,350	1.77	2.107	5.206	- -	9.083	329,563
1963	SHATTUCK DENN MINING CO	1,171,305	1.55	1.885	2.453	- -	5.888	68,966
1964	Shattuck Denn Mining Co	1,299,190	1.35	1.946	3.030	- -	6.326	82,187
1965	Shattuck Denn Mining Co	1,005,155	1.77	2.107	3.220	- -	7.097	71,336
<u>SUMMARY TABLE I:</u>								
<u>15 MINES:</u>								
1963		\$258,679,637	\$1.550	\$1.397	\$1.716	\$0.147	\$4.811	\$12,445,852
1964		258,242,602	1.350	1.381	1.774	0.148	4.653	12,015,911
1965		263,462,179	1.770	1.483	1.700	0.156	5.108	13,458,688

TABLE II

SUMMARY OF NET VALUATIONS, TAX-RATES, TAXES LEVIED ON  
TOTAL ARIZONA PROPERTY, ALL MINING PROPERTY, ALL OTHER PROPERTY  
 FOR YEARS 1963, 1964 and 1965

	Net Valuation	State Tax Rate	County Tax Rate	School District Tax/Rate	City-Fire District Tax/Rate	Total Tax Rate	Mine Taxes Levied
SUMMARY TABLE I:							
15 MINES:-							
Year 1963	\$258,679,637	\$1.550	\$1.397	\$1.716	\$0.147	\$4.811	\$12,445,852
Year 1964	258,242,602	1.350	1.381	1.774	0.148	4.653	12,015,911
Year 1965	263,462,179	1.770	1.483	1.700	0.156	5.108	13,458,688
TOTAL ALL MINING PROPERTY (using Tax-Rates from Table I)							
Year 1963	268,306,600	1.550	1.397	1.716	0.147	4.811	12,908,231
Year 1964	261,097,328	1.350	1.381	1.774	1.148	4.653	12,148,859
Year 1965	280,039,443	1.770	1.483	1.700	0.156	5.108	14,304,415
TOTAL ALL OTHER PROPERTY							
Year 1963	1,691,380,950	1.550	1.695	5.814	1.001	10.060	170,195,826
Year 1964	1,812,413,133	1.350	1.664	5.860	1.104	9.978	180,843,271
Year 1965	1,849,180,266	1.770	1.657	5.805	1.093	10.325	190,926,933
TOTAL ALL ARIZONA PROPERTY							
Year 1963	\$1,959,687,550	\$1.550	\$1.613	5.253	0.962	9.378	183,779,384
Year 1964	2,073,510,461	1.350	1.628	5.382	0.966	9.326	193,373,593
Year 1965	2,129,219,709	1.770	1.657	5.265	0.970	9.662	205,716,936



TABLE III

## AD VALOREM TAXES PLUS SEVERANCE TAXES ON MINE PRODUCTION

YEARS 1963, 1964 and 1965

	ALL MINING PROPERTY			ALL OTHER PROPERTY		
	1963	1964	1965	1963	1964	1965
Net Valuations	\$ 268,306,600	\$ 261,097,328	\$ 280,039,443	1,691,380,950	1,812,413,133	1,849,180,266
State Taxes	4,158,752	3,524,814	4,956,698	26,216,404	24,467,577	32,730,491
Rate	1.550	1.350	1.770	1.550	1.350	1.770
County Taxes	3,748,243	3,605,754	4,152,985	28,668,906	30,158,554	30,640,918
Rate	1.397	1.381	1.483	1.695	1.664	1.657
School Taxes	4,604,141	4,631,867	4,760,670	98,336,886	106,207,408	107,344,916
Rate	1.716	1.774	1.700	5.814	5.860	5.805
City-Fire District Taxes	394,411	386,424	436,862	16,930,723	20,009,041	20,211,541
Rate	0.147	0.148	0.156	1.001	1.104	1.093
TOTAL PROPERTY TAXES	12,908,231	12,148,859	14,304,415	170,152,919	180,842,580	190,927,866
Rate	4.811	4.653	5.108	10.060	9.978	10.325
SEVERANCE TAXES	5,868,021	6,067,176	7,129,995			
AD VALOREM RATE	2.187	2.324	2.546			
GRAND TOTAL PROPERTY & SEVERANCE TAXES	\$18,776,252	\$18,216,035	\$21,434,410			
COMBINED RATE	6.998	6.977	7.827			

TABLE IV

AMOUNT OF SEVERANCE TAXES COLLECTED UNDER THE  
GUISE OF "SALES" TAXES, IN ARIZONA SINCE JULY 1, 1933

Source: Arizona State Tax Commission's Biennial Reports

FROM	TO	AMOUNT	
July 1, 1933	July 1, 1934	62,357	
July 1, 1934	July 1, 1935	135,790	
July 1, 1935	July 1, 1936	245,525	
Fiscal Year	1937	512,447	
" "	1938	518,684	
" "	1939	421,441	
" "	1940	576,562	
" "	1941	654,561	
" "	1942	735,522	
" "	1943	855,892	
" "	1944	845,711	
" "	1945	745,736	
" "	1946	579,133	
" "	1947	1,271,978	
" "	1948	1,605,442	
" "	1949	1,838,178	
" "	1950	1,359,838	
" "	1951	2,155,165	
" "	1952	2,037,064	
" "	1953	1,931,759	
" "	1954	2,027,746	ADDITIONAL EDUCATION EXCISE TAX (50% of Severance Tax)
" "	1955	2,670,358	
" "	1956	4,026,667	
" "	1957	3,569,619	
" "	1958	2,620,785	
" "	1959	3,078,155	
" "	1960	2,601,485	
" "	1961	3,369,843	
" "	1962	3,661,200	
" "	1963	3,912,014	
" "	1964	4,044,784	
" "	1965	4,753,330	
		\$ 59,424,771*	\$ 12,714,907 ←
		12,714,907	
Total to July 1965		\$ 72,139,678	

\*Note: This total does not include the many thousands of dollars in "Sales" Taxes which the mining industry pays on purchases of Arizona goods.

TABLE V

## FINAL VALUATION OF ALL PROPERTIES ASSESSED TO PRODUCING MINING COMPANIES

## FOR THE YEAR 1965 - BY COUNTIES

As Reported by Arizona State Board of Equalization

County & Name of Mine	Claims	1965 All Other Property	Net Valuation
<u>COCHISE:</u>			
PHELPS DODGE CORP:			
Other than Lavender Pit	\$ 1,500,000	\$ 1,977,137	\$ 3,477,137
Lavender Pit	7,500,000	3,816,667	11,316,667
Total	9,000,000	5,793,804	\$14,793,804
<u>COCONINO:</u>			
Western Equities, Inc.	100,000	45,105	145,105
Zontelli Western Mining Co.	25,000	23,005	48,005
El Paso Natural Gas	- - - -	813,600	813,600
Total	125,000	881,710	1,006,710
<u>GILA COUNTY:</u>			
American Smelting & Refining Co.	- - - -	397,714	397,714
Inspiration Cons. Copper Co.	9,000,000	4,830,936	13,830,936
Castle Dome Unit Tenn. Corp.	500,000	87,000	587,000
Copper Cities Unit Tenn. Corp.	4,000,000	1,463,360	5,463,360
Miami Unit Tenn. Corp.	500,000	581,335	1,081,335
Kennecott Copper Corp.	- - - -	10,254,508	10,254,508
Christmas Copper Corp.	200,000	1,399,100	1,599,100
Total	14,200,000	19,013,953	33,213,953
<u>GREENLEE:</u>			
Phelps Dodge - Morenci Branch	64,000,000	10,345,529	74,345,529
Western Copper Mining Co.	- - - -	17,465	17,465
Total	64,000,000	10,362,994	74,362,994
<u>MOHAVE:</u>			
International Mining & Chem. Corp.	25,000	32,320	57,320
Duval - Mineral Park	2,000,000	4,403,765	6,403,765
Total	2,025,000	4,436,085	6,461,085
<u>PIMA:</u>			
American Smelting & Refining Co.			
Silver Bell Unit	8,000,000	3,826,591	11,826,591
Mission Unit	14,000,000	11,763,767	25,763,767
Banner Mining Co. - Daisy Mine	1,000,000	34,693	1,034,693
Duval Corp. - Esperanza	7,000,000	5,047,926	12,047,926
Phelps Dodge - New Cornelia Br.	21,000,000	6,510,886	27,510,886
Pima Mining Co.	4,000,000	2,428,406	6,428,406
Calif. Portland Cement Ariz. Div.	30,000	1,297,672	1,327,672
Anaconda Co. Palo Verde Unit	- - - -	631,531	631,531
TOTAL	\$ 55,030,000	\$31,541,472	\$86,571,472

TABLE V (Continued)

<u>County &amp; Name of Mine</u>	<u>Claims</u>	<u>1965 All Other Property</u>	<u>Net Valuation</u>
<u>PINAL COUNTY:</u>			
Kennecott Copper Corp:			
Ray Division	21,100,000	2,400,442	23,500,442
Magma Copper Co:			
Superior Division	300,000	1,145,473	1,445,473
San Manuel Division	26,000,000	7,438,914	33,438,914
National Gypsum Co.	50,000	10,000	60,000
Arizona Gypsum Co.	20,000	- - - -	- - - -
Total	\$47,470,000	\$10,994,829	\$58,464,829
<u>YAVAPAI:</u>			
Bagdad Copper Co	1,500,000	2,128,350	3,628,350
Big Hole Mining Co.	50,000	8,945	58,945
Cyprus Mines Corp:			
Old Dick Division	75,000	76,515	151,515
Shattuck Denn Mining Corp;			
Iron King	400,000	605,155	1,005,155
Grand Canyon Lime & Cement Co.			
U. D. Lime Division	20,000	70,710	90,710
Verde Gypsum Corp.	20,000	60,560	80,560
Phoenix Cement Co.	25,000	1,697,500	1,772,500
TOTAL	\$2,090,000	\$4,647,735	\$6,737,735
 STATE TOTALS	 \$193,940,000	 \$87,672,582	 \$281,612,582

TABLE VI

ASSESSED VALUATION OF EACH CLASS OF PROPERTY IN ARIZONA

Compiled by Arizona Department of Mineral Resources From  
Annual Reports of State Board of Equalization

<u>CITY AND TOWN LOTS:</u>	1965
City & Town Lots Residential	106,203,669
Improvements	746,045,495
City & Town Lots, Business & Commercial	12,878,158
Improvements	72,511,201
Suburban Residential Property	18,358,647
Improvements	26,131,318
Totals on City & Town Lots and Improvements - Gross	982,128,488
Exemptions	65,912,775
Totals on City & Town Lots and Improvements - Net	916,215,713
 <u>MINING:</u>	
Prod. (Pat'd and Unpat'd) Mining Claims	193,947,343
Improvements on Above	35,355,205
Non-Prod. (Pat'd and Unpat'd) Mining Claims & Millsites	1,814,795
Improvements on Above	1,010,824
Smelters, Concentrators, & Mining Mach.	
Mining & Smelting Sup.	48,032,857
Totals on All Mining Property - Gross	280,161,024
Exemptions	121,581
Totals on All Mining Property - Net	280,039,443
 <u>RAILROADS:</u>	
Main Line	115,012,628
Railroad Spurs	264,003
Total Evaluation of Railroads - Gross	115,276,631
Exemptions	37
Total Evaluation of Railroads - Net	115,276,594
 <u>ALL FARMS &amp; LIVESTOCK:</u>	
<u>FARMING:</u>	
Irrigated Lands	33,671,490
Improvements	97,209,334
Pump Lands	12,283,605
Improvements	8,310,817
Dry Farming Lands	1,835,077
Improvements	2,634,181
Desert Lands	17,437,205
Improvements	7,718,809
Other Lands	9,751,762
Improvements	22,159,567
Farm Machinery	9,197,303
Irrigation Pumping Plants	16,356,091
Totals on Farms - Gross	238,565,241
Exemptions	14,149,075
Total on Farms - Net	224,416,166

TABLE VI (Continued)

<u>LIVESTOCK:</u>		
All Grazing Lands		6,874,669
Improvements		4,655,630
All Livestock		13,131,127
Totals on All Livestock - Gross		24,661,426
Exemptions		892,866
Totals on All Livestock - Net		<u>23,768,560</u>
TOTALS ON ALL FARMS - LIVESTOCK - GROSS		263,226,667
Exemptions		15,041,941
TOTALS ON ALL FARMS - LIVESTOCK - Net		<u>248,184,726</u>
<u>UTILITIES:</u>		
Gas, Electric Light & Power Plants		129,460,787
Transmission Lines		45,591,474
Water Works (Public Service)		6,811,966
Total Gross Valuation		181,864,227
Exemptions		283,465
Total Net Valuations		<u>181,580,762</u>
Pipe Lines (Gross-Net Valuations) No Exemptions		<u>90,801,171</u>
Telephone Line " " " " "		126,940,817
Telegraph Lines " " " " "		426,791
Totals on Tel & Tel Gross - Net		<u>127,367,608</u>
TOTAL GROSS VALUATIONS OF UTILITIES		400,033,006
Exemptions		283,465
TOTAL NET VALUATIONS OF UTILITIES		<u>399,749,541</u>
<u>STOCKS OF MERCHANDISE</u>	Gross & Net Valuations	3,974,293
<u>HOUSEHOLD FURNITURE</u>	Gross Valuation	<u>70,081,636</u>
INDUSTRIAL PLANTS (Except Mining & Saw Mill Plants)		45,821,794
OIL & GAS INTERESTS	Gross & Net Valuations	506,338
STANDING TIMBER	Gross Valuation	103,041
LUMBER AT MILLS	Gross Valuation	45,500
SAW MILLS & MACHINERY	Gross Valuation	3,345,095
FURNITURE & FIXTURES (Office-Store)	Gross Valuation	30,346,809
AIRPLANES	Gross Valuation	93,750
BOATS	Gross Valuation	25,030
ALL OTHER PROPERTY	Gross Valuation	<u>23,352,586</u>
TOTAL GROSS VALUATIONS ABOVE 10 ITEMS (Less O & G)		177,695,872
Exemptions " " " " " "		<u>7,973,495</u>
TOTAL NET VALUATIONS		<u>169,676,877</u>
MANUFACTURERS' INVENTORY		<u>33,721,142</u>
MERCHANDISE STOCKS OF - Exempt		<u>54,845,667</u>
GROSS VALUATION OF STATE		2,307,088,497
NET VALUATION OF STATE		<u>2,129,219,709</u>

TABLE VI (Continued)

**EXEMPTIONS:**

Merchandise, Stocks of	\$ 54,845,667
498 Manufacturers' Inventory	33,689,827
738 Non-Profit Organization	13,219,515
38,300 Veterans	45,313,594
25,148 Widows	30,800,185
<b>Total Exemption</b>	<b>\$ 177,868,788</b>

State Board of Equalization Changes:

Increased Telephone Lines, Navajo County	25,000
Decreased Telephone Lines, Cochise County	84,860
Decreased Telephone Lines, Graham County	15,140
Decreased Yavapai County Production (Pat'd-Unpat'd)	
Mining Claims	400,000
Increased City-Town Lots, Business & Commercial,	
Maricopa County	384,473

Includes amended abstract figures submitted by Pima County.

TABLE VII

## NET VALUATIONS OF ALL MINING PROPERTY IN ARIZONA

	PRODUCTIVE (PAT'D & UNPAT'D)		NON-PRODUCTIVE (PAT'D & UNPAT'D)		SMELTERS, CON- CENTRATORS, MINING MACHY. & SUPPLIES	EX- EMPTIONS	TOTAL VALUATIONS ALL MINING PROPERTY	VALUE OF MINING PRODUCTION PRECEDING YR *
	MINING CLAIMS	IMPROVEMENTS	MINING CLAIMS	IMPROVEMENTS				
1961	\$184,432,085	\$ 22,381,918	\$1,728,340	\$3,846,866	\$ 43,027,652	\$105,505	\$255,311,356	\$366,340,000
1962	190,713,085	30,925,924	1,803,571	1,802,729	45,531,691	111,686	270,665,314	370,101,000
1963	187,655,654	36,793,954	1,815,551	2,053,288	40,028,029	39,876	268,306,600	416,418,000
1964	186,533,281	30,354,513	1,739,211	632,755	41,942,799	105,231	261,097,328	426,038,000
1965	193,947,343	35,355,205	1,814,795	1,010,824	48,032,857	121,581	280,039,443	471,743,000

\* Values are based on production of copper, lead, zinc, gold and silver during the preceding year.

TABLE VIII

ARIZONA PROPERTY TAX RATES  
STATE, COUNTY, CITY AND SCHOOL

All Counties	State Tax Rate	County Tax Rate	School Dist. Tax Rate	City & Fire Dist. Tax Rate	Total Prop. Tax Rate
1961	\$1.440	\$1.462	\$4.665	\$0.933	\$8.500
1962	1.800	1.475	5.070	0.957	9.302
1963	1.550	1.613	5.253	0.962	9.378
1964	1.350	1.628	5.382	0.966	9.326
1965	1.770	1.657	5.265	0.970	9.662



TABLE IX  
SUMMARY OF TAXES LEVIED FOR ALL PURPOSES 1965, AND AVERAGE TAX RATE

BY COUNTIES

1965 COUNTY	Net Valuation	State Taxes Amount Rate	County Taxes Amount Rate	Sch. Dist. Taxes Amount Rate	City-Fire Dist. Amount Rate	Total Taxes Amount Rate
Apache	\$25,053,730	443,451 1.770	302,808 1.209	976,781 3.899	4,514 0.017	1,727,553 6.895
Cochise	82,663,044	1,463,136 1.770	2,100,453 2.542	4,689,741 5.673	395,492 0.478	8,648,822 10.463
Coconino	70,634,938	1,250,238 1.770	688,089 0.974	2,577,306 3.649	534,399 0.756	5,050,033 7.149
Gila	48,547,106	859,284 1.770	1,087,472 2.240	1,806,073 3.720	283,296 0.584	4,036,125 8.314
Graham	15,545,256	275,151 1.770	498,343 3.205	762,455 4.905	61,045 0.393	1,596,994 10.273
Greenlee	79,838,911	1,413,149 1.770	- - - -	804,156 1.007	58,157 0.074	2,275,461 2.851
Maricopa	987,624,424	17,480,952 1.770	14,906,221 1.510	59,832,402 6.058	12,976,284 1.313	105,195,860 10.651
Mohave	51,874,416	918,177 1.770	740,947 1.429	1,394,528 2.688	219,151 0.422	3,272,803 6.309
Navajo	52,982,656	937,793 1.770	484,945 0.915	2,038,158 3.847	259,797 0.490	3,720,694 7.022
Pima	425,349,041	7,528,678 1.770	9,120,353 2.144	23,872,547 5.612	4,574,481 1.076	45,096,059 10.602
Pinal	139,296,575	2,465,549 1.770	2,432,655 1.746	5,121,495 3.677	437,666 0.314	10,457,365 7.507
Santa Cruz	10,844,333	191,445 1.770	533,807 4.922	608,361 5.610	46,734 0.431	1,380,847 12.733
Yavapai	64,049,024	1,133,668 1.770	1,349,351 2.107	2,744,180 4.285	216,702 0.338	5,443,900 8.500
Yuma	74,916,255	1,326,018 1.770	1,040,402 1.389	4,867,504 6.497	580,497 0.775	7,814,421 10.431
STATE	\$2,129,219,709	37,687,189 1.770	35,285,847 1.657	112,095,687 5.265	20,648,212 0.970	205,716,936 9.662

T A B L E X

ASSESSED VALUATIONS OF ALL ARIZONA PROPERTY, ALL MINING, FARMING & RANCHING PROPERTY

VALUE OF PRODUCTION OF MINES, FARMS AND RANCHES

	Property	All Mining Property		All Farming Property		All Livestock and Grazing Lands		Value of Production	
		Valuation	% of Total Val.	Valuation	% of Total Val.	Valuation	% of Total Val.	Mining Products*	Farm & Live-Stock Prod.**
1961	\$1,743,331,643	\$255,311,356	14.65	\$193,028,496	11.07	\$19,677,266	1.13	\$366,340,000	\$483,900,000
1962	1,862,616,291	270,665,314	14.53	185,373,936	9.95	21,186,815	1.14	370,101,000	501,700,000
1963	1,959,687,550	268,306,600	13.69	198,296,917	10.12	23,428,293	1.20	416,418,000	571,700,000
1964	2,073,510,461	261,097,328	12.59	215,172,650	10.38	24,240,296	1.17	426,038,000	564,700,000
1965	2,129,219,709	280,039,443	13.17	224,416,166	10.54	23,768,560	1.12	471,743,000	523,800,000

\* Production of copper lead, zinc gold and silver for preceding year.

\*\* Value of products of farms & livestock for preceding year. Net Value.