Sales on Mining Exchange.

tange for the first 11 months of 1906 certainly verified the predictions and by the writer in the columns of Christmas edition of the "News" 1905. During last year there was ry little increased activity until near he end of the year. In October of as the business began to pick up. put that month 492,950 shares ere sold for \$204,546. In November the same year the sales were 605,af shares for \$282.092. The sales this month, therefore, surpassed the of any other previous month in te jear so far as the value was conmed. If we compare the business othe first 11 months of this year with corresponding months of 1905 it it be observed that there has been marked increase. The closing ess of the year show such trans-

sticus as remind one of the great ness of 1001. The outlook is, merefore, exceedingly promising. SALES IN COMPARISON. In the following table the first

plumn in each year shows the numof shares sold and the second sumn gives the market value:

| Nonth. | 1905 | | 190 | 6. |
|--|---|--|---|--|
| Jacuary Peruary Mardb Agril May Jane Jane Jaky Agrids September Geober Geober | $\begin{array}{r} 473,774\\ 406,202\\ 717,826\\ 838,975\\ 685,932\\ 725,832\\ 725,832\\ 725,832\\ 452,966\\ 489,229\\ 440,143\\ 492,950\\ 605,356\end{array}$ | \$ 154,712 105,202 183,536 248,931 178,760 137,522 155,156 122,994 119,717 204,546 282,092 | $\begin{array}{c} \textbf{1,032.675}\\ \textbf{905.175}\\ \textbf{1,206.392}\\ \textbf{1,493.085}\\ \textbf{1,128.116}\\ \textbf{992.777}\\ \textbf{670.386}\\ \textbf{1,011.112}\\ \textbf{1,662.196}\\ \textbf{2.143.995}\\ \textbf{1,289.347} \end{array}$ | $\begin{array}{c} 3 & 612,325 \\ 442,661 \\ 863,537 \\ 881,641 \\ 826,915 \\ 799,971 \\ 554,060 \\ 727,534 \\ 822,632 \\ 1,052,668 \\ 1,192,467 \end{array}$ |
| Total | 6,410,238 | \$1,893,168 | 13,534,256 | \$ 8.676,401 |

the figures speak for themselves. | and Bingham Central, Bingham Mary The total for the 11 months, both in sumber of shares and in the value, exceedingly encouraging as indieing a very marked and healthy willion of the market. Investors int been very fortunate, and those to baught early in the year may new handsome profits. The indicain are that many of the stocks the are now so freely dealt in will at still higher figures before many

HOW PRICES HAVE RANGED.

will be interesting to compare figures given in another table using the bid and asked prices on st 19, 1905, with the bid and asked he of November 30 of this year. s following table gives such a re-

1906 13,534.256 8,676,401.00 In the above table the record fo the present year includes only 11 months. It will be observed in the above table that the records for the first 11 months of this year do not yet

has recently come to the front and is developing considerable activity.

TEN YEARS' RECORD.

The records of the mining exchange for the past 10 years are as follows:

Year Shares Amount. 1897 592,170 \$ 193,645,17 1898 3,826,477 1,206,939,49

4.199.985.

2.238.172.41

1899 10,228,696 1900 5,188,561

| 611 | | | | | |
|---------------------|----------|-----------|----------|----------|------------|
| | Nov. 3 | 29, 1905. | Nov. 3 | 0, 1906. | Shares |
| STOCKS. | Bid. | Asked. | Did. | Asked. | Sold |
| In | 8 .1914 | \$.20 | 8 .34 | \$.35 | 153,115 |
| las | .85 | 1.20 | 7.00 | 9.25 | 8,400 |
| Bek Tunnel Con | .27 | .30 | 1.37% | 1.40 | 663.318 |
| Bek Tunnet Con | 21.00 | 22.00 | 32.75 | 33.12% | accedence |
| Boston COB | .10 | .11 | .07 | .11 | 516,866 |
| Batler Liberal | | 34.8714 | 32.50 | 33.00 | |
| Ringham Con | 34.50 | 34.81 12 | | | 19,710 |
| lack Jack | 88538157 | ******* | .51 | .56 | |
| arisa | - 1932 | .19% | 1.10 | 1.15 | 814,560 |
| entury | .011/2 | ,05 | .35 | . 13 | 34,114 |
| alumbus Con | 2.65 | 2.80 | 6.20 | 6.39 | 222,063 |
| unsolidated Morcur | . 37% | .60 | .48 | .49 | 18,378 |
| dorado Mining | | | .95 | .96 | 31,210 |
| alv | | 1.50 | 3.00 | 4,00 | 29,395 |
| aly Judge | 7.20 | 7.80 | 11.75 | 12.25 | 113.075 |
| aly West | 19.50 | 20.1216 | 19.25 | 21.00 | 1.220 |
| | 1.00 | 1.03 | 2.00 | 2,25 | 29,570 |
| agle & Blue Bell. | 1 3 2 00 | 1.00 | .42 | .46 | 13,390 |
| aglo's Nest. | ******* | **** | | 3.25 | 21,200 |
| and Central | 3.05 | 3.50 | - 3.17 h | | |
| ade Bell | 2.65 | 42.87% | 7.00 | 8.00 | 84,067 |
| Valle Chief | .01 | .01 1/2 | . 17 | .18 | 892,471 |
| Are Mammoth | .38 | . 39 | .91 | .96 | 573,260 |
| Namoth | 1.08 | 1.13 | 1.45 | 1.50 | 37,700 |
| Mer Day | . 11% | . 12 1/4 | . 17 | .19 | 1,881,946 |
| Mar Fark | . 19 % | .19% | . 21 | .23 1/2 | 2,002.421 |
| Senda Hills | | | 3.35 | 3.50 | 100,573 |
| Ontario | 1.95 | 2.50 | 3.60 | 3.75 | 5.892 |
| Ohio Copper | 35 | .50 | 4.00 | 4.20 | 64.225 |
| | .09 | 10 14 | .09 | .1014 | 121.500 |
| Acramento | | 2.84.22 | 1036 | .12 | 177.289 |
| Sottish Claief | 12 00 | 47.50 | 20.00 | 22.00 | 3.558 |
| Ster King | 45.00 | .21% | 20.00 | .12 | 173,490 |
| Ser Shield | .21 1/4 | 1 | | | |
| baansen | , 40 | | . 30 | . 12 | 3.100 |
| math Swansen | .04 | | .03.1/2 | .04 | 54,900 |
| Sur Consolidated | . 10 1/2 | .11 | | .1136 | 224,732 |
| Soth Columbus | | | . 15 | .48 | 153,810 |
| Terro | .07% | . 10 | . 15 | .18 | 269,141 |
| Inde Sam | . 40 | .4016 | .3715 | .3816 | 287,095 |
| L& Mining Co | 39.50 | 40.50 | 45.00 | 45.25 | |
| | .60 | .62 | 1.90 | 2.05 | 21.270 |
| | 56.75 | 58.25 | 65.00 | 65 50 | |
| Tah Consolidated | 00.10 | | 74.75 | 75.00 | |
| Tah Copper | | ******** | | | 1 1000 200 |
| litter Consolidated | . 03 | . 03 1/2 | .10 | .11 | 1,036,555 |
| fictoria | 1.75 | 2.00 | 2.75 | 2.87% | 18,785 |
| Wabash | . 65 | . 90 | . 40 | . 19 | 86,720 |
| linkee Con | . 31 | . 33 14 | . 43 | . 45 | 106.250 |

Milling and Transportation and seve eral others. Local investors have bought heavily of many of the Ne-vada stocks. Thousands and hundreds of thousands of shares have been subseribed for at from a few cents a share to several dollars. In Novem-ber, 150,000 shares of McDonald-Ely were offered for subscription at \$1.50 a share. More than 200,000 shares were applied for. A week later 100 000 shares of Federal-Ely were o fered at \$1 a share. Ely Witch, in the same week, offered 133,000 shares at \$2 a share and 260,000 shares were subscribed for. These instances simply show the demand for promising

copper stocks, SOME ACTIVE COPPERS.

A year ago Ohio Copper was selling around 50 cents a share. It is now selling above \$4. There has been a selling above \$4. There has been a change in the transfer of the control and Mr. F. Augustus Heinze, of Butte, has taken over nearly 700,000 shares of the stock. The announcement that negotiations were pending for the transfer of the control stimulated the price of the stock, which is traded in on the open is traded in on the eper board. This has, therefore, or late been one of the very active stocks Other active Bingham stocks, which are not listed, have been the Copper Glance, Bingham Standard Copper,

| Total | \$5,112,044 | \$41,40 |
|---|-------------|------------------------------|
| ankee Consolidated, (Tintic) | 42,500 | 14 |
| lest Mountain Places. (Bingham) | 2,483 | 1.1.1 |
| ictoria, (Tintic) | 125,000 | 1(|
| nited States, (Bingham-Tintic) | 1,099,907 | 1.9 |
| ncle Sam Consolidated. (Tintic) | 50.000 | 13 |
| tah Consolidated. (Bingham) | 1,350,000 | 5,13 |
| tah. (Fish Springs) | 31,000 | 24 |
| wansea, (Tintic) | | 32 |
| ilver King. (Park City) | | 10.52 |
| acrament, (Mercur) | 40,000 | 30 |
| etro. (Bingham) | 00.000 | (|
| ountain View, (Tintic) | 12.554 | |
| ammothe (Tintic) | 110.000 | 2.10 |
| orn Silver, (Frisco) | 00.000 | 5.57 |
| emini. (Tintic) rand Central. (Tintic) | | 1.15 |
| aly West, (Park City) | 000.000 | 1,58 |
| onsolidated Mercur, (Mercur) | 100.000 | 5.49 |
| arisa, (Tintio) | 400.000 | 3.4 |
| | 00.000 | 2.52 |
| | | on Beck & Champion (Tilntic) |

Beck Tunnel Consolidated, (Tintic)

Bingham-New Haven (Bingham)

UTAH'S TOTAL METAL OUTPUT EXCEEDS \$400,000,000.

P VER since the year 1871 records have been kept of Utah's metal output, with the possible exception of one. From them a very good idea of how the mountains of the state bare, with the possible exception of one. From them a very good idea of how the mountains of the state have yielded their treasurs and made

their contributions towards increasing the world's wealth during the years in which mining has been a fac-

their contributions towards increasing the world's wealth during the years in which mining has been a fac-tor among the industries of this intermountain region. Official estimates of mineral production in Utah commenced with the year 1871, when, the mines of Alta were attracting world wide attention. From 1871 to 1875, inclusive, the government compiled statistics and the reports of R. W. Raymond. United States commissioner of mineral statistics, show the production of those five years to be \$20,553,679, as follows: 1871-Gold and silver, \$2,200,000; lead, \$590,000. Total, \$2,800,000. 1872-Gold and silver, \$2,445,284; lead, \$3,250,487. Total, \$5,695,771. 1873-Gold, \$52,426 (placer gold, \$32,600), silver, \$3,778,200; lead, \$958,365; copper, \$97,124. Total, \$4,882,700.

\$4,883,700. 1874—Gold and silver, \$3,911,601; lead. \$1,430,044; copper, \$29,090. Total. \$5,370,735. 1875—Gold, \$181,765; silver, \$2,955,923; lead. \$1,080,459; copper, \$35,010. Total. \$4,252,157. It will be seen from the foregoing that copper did not enter int) the production of metals until 1873, From the end of 1875 to the beginning of 1880 the government kept no mineral record for the states. No-figures are obtainable for 1876. From 357 to 1901, inclusive, probably the most accurate figures on the metal, production—that is for gold.

for 1876. From 1877 to 1901, inclusive, probably the most accurate figures on the metal production—that is for gold, silver, copper and lead, were compiled by the local representatives of Wells Fargo & Company. Since 1901, the government has furnished reports covering the subject. It will be noted from the statistics obtainable, the mines of Utah have yielded riches in excess of \$400,000,000.

| Year. | Gold. | Silver. | Lead. | Copper. | Aggregate. |
|--------|---------------|-----------------|-----------------|----------------|-----------------|
| 1877 | \$ 358,107.75 | \$ 5,231,643.60 | \$ 1,648,082.40 | \$ | \$ 1,231,833.75 |
| 1878 | 276,871.65 | 4,752,159.63* | 798,471.24 | 24,101.08 | 5,851,606.60 |
| 1879 | 325,180.44 | 4,105,471.70 | 695,653.00 | ********* | 5,126,305.14 |
| 1880 | 165,773.40 | 4,029,501,30 | 786,065.97 | · | 4,981,340.67 |
| 1881 | 144,317.94 | 5,503,762.95 | 1,101,050.14 | | 6,749,131.03 |
| 1882 | 186,836.13 | 6,114,874.50 | 1,771,786.00 | 75,735.00 | 8,149,231.63 |
| 1883 | 144,503.97 | 4,984,939.30 | 1,747,326.45 | | 6,876,769.72 |
| 1884 | 114,305.10 | 6,123,047.04 | 1,149,852.67 | 6,337.20 | 7,393,542.01 |
| 1885 | 184,025.01 | 6,211,596.56 | 1,222,172.46 | Same Carrier 1 | 7,617,794.03 |
| 1886 | 218.626.59 | 5,860,837.35 | 1,414,898,98 | 144,453.00 | 7,638,815.92 |
| 1887 | 235,369.29 | 5,976,884.89 | 1,308,538.78 | 124,566.00 | 7,645,358.96 |
| 1888 | 287.023.62 | 5,787,527.51 | 1,203,313.24 | 288,681.60 | 7,566,545.97 |
| 1889 | 516,233,25 | -6,656,249,99 | 1,468,246.66 | 206,079.20 | 8,846,809.10 |
| 1890 | 699,700.17 | 8,492,209.44 | 2,098,766.51 | 76,536.64 | 11,367,212.76 |
| 1891 | 747.427.20 | 8,759,206.60 | 2,657,495.84 | 100,983.30 | 12,265,112.94 |
| 1892 | 789,221.94 | 7,792,388.65 | 2,505,720.44 | 91,130.80 | 11,178,461.83 |
| 1893 | 1,117,668.24 | 5,233,965.20 | 1,542,135.74 | 69,060.35 | 7,962,829.53 |
| 1894 | 1.166.346.09 | 4,193,674.80 | 895,124.36 | 53,308.00 | 6,308,453.25 |
| 1895 | 1.352,190.06 | 5,366,032.11 | 1,486,427.22 | 151,532.99 | 8,356,182.39 |
| 1896 | 1,940,830.32 | 5,843,868.00 | 1,358,456.11 | 267,139.50 | 9,410,293.93 |
| 1897 | 1,663,252.89 | 4,522,058.65 | 1,818,607.89 | 313,677.28 | 8,317,596.71 |
| 1898 | 2,168,283.00 | 4,403,854.23 | 2,348,998.60 | 426,691.04 | 9,347,826.87 |
| 1899 | 3,581,408.22 | 4,612,351.05 | 2,701.869.00 | 1,246,000.00 | 12,141,628.27 |
| 1900 | 4,263,414.82 | 6,248,610.07 | 3,122,863.25 | 2,514,597.46 | 16,149,485.65 |
| 1901 | 3,945,303,57 | 6,801,816.18 | 3.210,967.50 | 3,750,247.32 | 17,708,334.57 |
| 1902 | 3,972,235.41 | 6,719,359,42 | 4,500,698,15 | 3,017,445.06 | 18,209,609.04 |
| 1903 | 4,905,092,12 | 10,410,894.33 | 4,650,753,94 | 4,440,698.79 | 24,467,439.18 |
| 1904 1 | 4,185,554,42 | 6,986,985.77 | 5,013,563,47 | 5,643,684.79 | 21,861,288.45 |
| 1905 | 5,140,900.00 | 6,232,069.05 | 3,824,108.44 | 9,066,113,96 | 24,263,191.45 |

| \mathbf{V} | par | G | List | ot | | - | \$7 | 10 | Pa | - | 2 | |
|--------------|-------|---|------|----|-------------|----|-----|-------|--------|------|-----|--|
| | POLT. | 2 | | VA | - Alexandre | 1. | * | 1. 0. | de com | 1.L. | 0.4 | and the second s |

The large quantity of silver produced

in Utile each year is nearly all taken front ores carrying lead and copper and forms an important item in the suc-cessful working of such ores. However,

silver mining, as a distinctive industry, in which the value of that metal is the most valuable or only content, was once very prominent in the state, but it has now been abandmed.

Park City Uluta) and of Summit and Junb

tively.

The transactions on the local ex-the calendar year 1905; SILVER ORES PRODUCED,

(ALL RECORDS BROKEN.)

TAH has been blessed in many ways during the current year. At no time in the history of this magnificent state has such prosperity prevailed within its borders. This is particularly irne of the mining industry. Intense activity, both in the way of development and production has been in evidence in the camps-especially in Bingham and Tintic. Metallurgical triumphs have been recorded,

which, a few years ago would have been declared impossible, resulting in the investment of large which, a few years ago would have been declared impossible, resulting in the investment of large sums of money for new equipment and facilities for ore treatment upon an extensive scale. The most striking illusiration of this has been the construction of the new copper smelter and concentration mills at Garfield. The railroads have, in some instances, displayed their interest in the welfare of the mining industry by reducing freight tariffs, while the metal market has made such astonishing gains that it is no wonder the miner, as well as the producer of ore, has much to be thankful for. With few exceptions, the metals have never commanded such prices as they do now and the big copper mining and smelting companies have showed their appreciation of this by voluntarily rais-ing the wages of employes. The rules is to stand good as long as copper sells for 18 cents per pound, or better.

One of the best barometers of actual conditions in any mining region is the amount of dividends paid to shareholders. The mines of Utah have smashed all records in this respect this year and it will be noted from the table which follows, that Utah Consolidated occupies the place of honor. There mines have done well, while Park City did not make as good showing as last year on account of being handli-caped by the Ontario drain tunnel treable. At this writing the year's dividends removed argument to \$5,112,014. These figures must be changed

Capied by the Outarlo drain tunnel trouble, At this writing the year's dividends reported amount to \$5,112.014. These figures may be changed, as the year has two weeks yet to run and there is a pessibility of Christman "extras," or two or three new names being added to the list. The Daly Judge of Park City will make its initial distribution at the beginning of the new year and the Columbus Consolidated of Alta may do likewise.

| isolidated ad showing mount to \$ nessibility of of Park C | ords in this respect ti occupies the place of 1 r as last year on accur 5,112,014. These figur- of Christmas "extras," ity will make its initial dra may do likewise. | tonor, Tintie mines out of being handi- is may be changed. | The amount of silver copper area is of near portance as that from b of these area come from trick, while meanly all are the production of it tain (Bingham Canyon) Lake county. The following table |
|---|---|--|---|
| k in the second s | Paid in 1906. | Totals to Date. | purison the output of g |
| | 1,350,000 50,000 1,099,907 125,000 | \$ 5\$0,000 22,600 2,528,000 60,000 3,415,312 5,499,000 1,550,000 1,550,000 1,552,2000 2,100,000 12,554 65,000 303,000 10,525,000 326,500 245,000 5,136,000 1,35,000 1,914,757 162,500 13,039 142,500 | Counties Counties Reaver, Millard, Plute a Boxeller, Grand and W Junb and Utah |
| | \$5,112,044 | \$41.406.512 | tioned. The gain in Toe from the cyaniding ores |

and Washington, \$57,338.01; in Garfield, Morgan, San Juan, Ulntah, Wasatch and Weber, \$3,567,55. Total increase, \$864,700,51. The principal increase of gold for Junb and Salt Lake counties was in 15° copper ores from the Tintic and West Mountain districts heretofore meu-tioned. The gain in Tooele county was from the cyaniding ores at Mercur. In Beaver county it was occasioned from the reduction of copper ores from the property of the Newhouse Mines & Smellers corporation. Otherwise condi-tions attendant on the output of gold formerly existing in the several coun-ties of the state was but little changed principal increase of gold for

of the state was but little changed Jurnig 1905. FIGURES IN COMPARISON.

The amounts and values of silver originating in the several countles of the state during 1905, when compared with the results for 1904 show the folowing changes:

S

6,814 3,629

47.86)

| A NUMBER OF TAXABLE AND A DESCRIPTION OF TAXA | | |
|--|---------|-----------------|
| | | Pet. Silver. |
| In pincers and dry ores | 01.14 | 2.64 |
| In eyacide mili buillon In lead ores | 11 8.02 | 00,00 |
| In copper ores | | 95.50 Htt.11 |
| Petel | | 100.00 |

More than one-half of the silver pro-duction of Unah during 1965 was con-tained in lead ores. The principal places for mining these ores were the Park City Ulum) and Tinite districts of Summarized by counties, follows:

| Levad. Pinte 108, 4,255,601 (6,015,801 (25,227,3,5 (1,7,7,7,7,7) 8,205,814 (1,813,629 | Copper, Plue bs. Date 3, 305, 908 Salt Lake 10, 259, 744 Summit 744, 957 Tocole 1, 653, 356 Ump 10, 553, 356 Ump 10, 553, 356 | counties, respec- er won from the rly as great im- lead ores. Many in the Thute dis- l the Thute dis- l the remainder the West Moun- o district of Sait |
|--|--|---|
| 647,693 | Wasatch 280,662 | shows by com- |
| 104,047,869 | Tota) | gold in the seve |
| deposited | Bullion of Utah production | during the years |

| Counties, Seaver, Millard, Philo and Sevier, Invidier, Grand and Washington, Salt Lake, Jammit Toole, Javreld, Morgan, San Juan, Lintah, Wasareh and Weber | 3,564,325 72,404,440 56,472,048 13,001,569 10,051,773 | |
|---|--|---|
| Total | and the set of the set | \$1.115.544.12 |
| Counties, Beaver, Millard, Pinte and Sevier, Sex-ider, Grand and Washington, uab and Utah. Salt Lette Washit South Sevier Sevier State Wasatch and Weber Rarfield, Morgan Seviers, Ciotah, Wasatch and Weber | 8.6.11 102.797.511 64,614.977 14,658.716 44,821.084 | Value, 5 440.039.18 10.043.12 2,1-0.566.12 1.355.710.64 203.849.42 925.534.03 3.902.82 |
| Total marine commences commencements marine and | 249.143.089 | \$1,150,244.73 |

Increase in Beaver. Millard, Piute and Sovier, \$40,767.94; in Juab and Utah. \$625,833.50; in Sait Lake, \$168;-\$29,20; in Summit, \$22,671.31; in Tooele, \$166,764.42; Decrease in Boxelder, Grand and Washington, \$55,283.60; in Garfield, Morgan, San Juan, Ulntah, Wasatch and Weber, \$3,567,55; Total increase, \$166,764.42; Decrease for Boxelder, Grand and Washington, \$55,283.61; in Garfield, Morgan, San Juan, Ulntah, Wasatch and Weber, \$3,567,55; Total increase, \$166,764.42; Decrease for Boxelder, Grand and Washington, \$55,285.70; for Grand and Washington, \$55,285.70; for Grand and Weber, \$56,565; Total increase, and Weber, \$56,565; Total increase, \$166,764,12; for Grand and Washington, \$55,285,70; for Grand and Weber, \$56,565; Total increase, \$166,764,12; for Grand and Weber, \$56,565; Total increase, \$166,764,12; for Grand and Weber, \$56,565; Total increase, \$166,764,12; for Grand and Weber, \$16,567,55; Total increase, \$167,164; for Grand and Weber, \$167,164; , \$5.02; (ots) value, \$165.16; San Fran-co, gold, standard ounces, 132,322; luc, \$2,480.41; silver, standard ounces, 21,58; colning value, \$37,10; total value, \$2,517,51.

Assay offices-New York, gold, stan-dard ounces, \$42,072,069; value, \$782,-754.79; sliver, standard ounces, 294.42; colning value, \$342.60; total value, \$783,colning value, \$342.60; total value, \$783.-007.39; total standard ounces, 43,334.493; value, \$406.223.13; silver, standard ounces, \$48.48; colning value, \$987.32; to-(a) value, \$807.210.45. The disposition of the gold and silver of Utah production during the calendar year 1905; Demostr.

Deposited at the United States mints and assay offices-Gold, fine ounces, 39,001.044; value, \$506,223.13; silver, fine ounces, 763.64; coining value, \$987.32; to-tal value, \$807,210.45. Shipped to custom smelters and re-

| Counties. Beaver, Millard, Plute and Sevier, Boxelder, Grand and Washington. Juab and Utah Sult Lake Summit Troele Garfield, Morgan, San Juan, Uintah Wasatch and Weber | Fine oz 186.992 27.715 4.022.649 1.548.617 | $\begin{array}{l} 1904.\\ {\rm s.\ C'ng\ Value,}\\ {\rm s.\ C'ng\ Value,}\\ {\rm 5.\ (241,768,11)}\\ {\rm 55,834,52}\\ {\rm 5,201,000,84}\\ {\rm 2,002,252,32}\\ {\rm 7,645,009,243}\\ {\rm 541,094,93}\\ {\rm 120,388,25} \end{array}$ |
|---|---|---|
| Total | 12,210.527 | \$15,787.348.30 |
| Counties. Boaver, Millard, Plute and Sevier Boxeider, Grand and Washington Juab and Utah. Salt Lake Suismit Tooele Garfield, Morgan, San Juan, Uintah, Wasatch and Wober | Fine Oz: 245,834 29,145 4,070,989 2,256,661 2,958,628 327,556 | 1905. s. C ng Value. \$ 317,845.98 57,682.42 5,263,500.01 2,046,966.04 5.118,226.10 422,505.75 47,056.16 |
| Total minimum commencement and a more more | 11,025,208 | \$14.254,814.38 |

Increase in Beaver, Millard, Plute and | finerles by producers-Gold, fine ounces,

will be observed that in many show the volume of business repres, as shown above, the mine has sold several times over. The to. apitalization of Carisa is 500,000 tes, and the sales for 11 months Amted to \$14,560. Little Chief has a sold almost three times; Lower amoth, nearly four times; May Day, wand a half times; New York, alat seven times; and Victor Consoliled has been sold once and a half. will be observed that only 1.220 ares of Daly West have been sold ming the 11 months. -The sales of tsham Consolidated, Boston Con-Midated, United States, Utah Conlidated and Utah Copper are ommited because there has been very little to trading in these on our exlange. Nearly all the business in the stocks has been done on the aton exchange and the members of Salt Lake exchange executed their

ders on these stocks in Boston, The last column in the table shows he number of shares sold on the thange, including the sales on the gular call and the open board, with he exception of several of the unliststocks, the sales of which have not been published in fullations

WHY SOME ADVANCE.

The advance in many instances is to the fact that the companies the reached the dividend stage or are increased their dividends. In ther instances the improved showing | t the properties with continuous deelopment accounts for, the advance in prices. In a few instances manipuaton may be given as the reason for advances. A Few of the stocks have remained somie what steady. The gental conditions of the metal market. and especially the higher prices paid for copper, have stimulated in a great agree the stocks of several of the mapanes, especially those of Bing-ian camp. The advance in the price of last as. an canp. The advance in the price and any the advance in the price is a data sliver has been beneficial a the companies operating in Park by in Tintic, and in Beaver counand the stocks of such companies the felt the stimulus. It is not ensure to specify which stocks of various camps have been most dive for the sales will indicate this

NOT ALL LISTED STOCKS. The mining riock business has not en conined to the transactions of the regularly listed stocks. Many and stocks in these have been sold a stocks in these have been sold a large quantities. A few instances a bree quantities. A few instances by need be mentioned. There has bet of Beaver county, and there has During 1905, which was the first year in which zine mining was considered a factor in Utah. 3,350,000 pounds of spelter was produced, the average selling price being \$5,822 per 100 pounds. In 1900, 700, and in 1905, 1,000 flasks of quicksflver were produced, which sold at \$45 per flask.

U. S. Assayer Gives Figures on Metal Output.

on the local exchange are certainly most encouraging and promise a very prosperous year for 1907. The un-precedented prosperity of the coun-try, the prevulting prices of metals HE production of precious me-] and the success of the general mining industry warrant the expectation of tals in Utah for the calendar streat business next year. It seems that Nevadu is producing enough gold and sliver to furnish the money to

year 1505, according to a statement compiled by P. H. Tatem. assayer in charge of the United States maintain a good stock market. The demand for copper, as is shown by the records of sales, is so great that there seems to be no likelihood of discountassay office at Helenn, Mont., and forwarded to the director of the mint. The figures regarding silver output are for ing these stocks for many months to come. Investors may look forward with a great deal of confidence to the the mine production. The mint figures recently issued were for the bullion BETTER REDUCTION FACILITIES. outcome of business for the coming production. Mr. Tatem's figures and report follow:

WILLIAM H. TIBBALS. The value of the gold, silver, copper and lead won from the mines of thah

Description

tal increase, \$2,913,143.

PRODUCTION OF COKE.

sented in 1991 and 1992. If Must be understood, however, that the business of the earlier years was not kept strictly and a large part of it is only estimated. It is likely that the busi-

ness of those great years transacted on the exchange did not equal the

austhess of this year. There were, however, more stocks sold in many of the cheaper ones. For the past three

years the records on the exchange have been very carefully kept, show-

by the whole transactions and ther

Taking everything into considera-tion the records for the present year

have been few sales made outside

the exchange.

and foud won from the nitnes of Utah in 1965 was the largest in the history of that state. The quantity of each metal produced during the year and the value thereof is shown in the following table, the gold and sliver being com-puted at the coinage rate for each and the copper and lead at their average market price at seaboard during the year. The production of coke in bee-hive ovens is in several respects still in a very erude state, says a well known mining engineer. On the one hand the labor necessary in charging the over with coal and drawing the coke is pervear. formed by hand, and, therefore, necessarily expensive, t On the other hand the waste incurred by permitting the combustion products to escape is very considerable. A few years ago while "Potal serving on a committee investigating the smoke nulsance, I had occasion to inquire into the market value of the by-products gained from the coking occurred; process as carried on in the modern by-product ovens, and learned that it amounts to \$25,000,000 annually in the western Pennsylvania coke region. In continental Europe bee-hive coke ovens have been abandoned long since. The Total comme by-products oven is more economical than the bee-hive, not only because of the saving of the by-products, but part-ly also because of its adaptability for the employment of machinery for drawing the oven as well as the greater

Utah production is most encouragthe Utah production is most enceurag-ing. The two metals showing a gain were gold and copper, due to the gen-eral activity on account of the high market price for copper in 1805. The increase in gold was an incident to the mining of this ore. This dual increase may be noted as having taken place in Resver, Jurb and Sait Lake coun-ties.

The cutput from copper-bearing ore: o received a stimulus because of the reased facilities for their reduction. The works that had been erected year Sali Like City, at Newhouse and in Elighan, caused where put into com-mission during the closing months of 1964 or early to 1105 and afforded am-pic capacity for this class of ores. The present works for handling copper ores, insertion, with those by present of comsomet with those in process of con-ruction at this time, will handle succesafully even greater tonnages than in 1905. The quantity and amount of

Quantit Gold, fine ounces. Silver, fine ounces, at \$15.59 per cwt. Lead, fine pounds, at \$4.70 per cwt. \$33,543 182.51 A comparison of these figures with corresponding data for the preceding year (1964) shows the following changes to the following changes or compared with like figures for 1964. Classed us curred in the several characters of ores. 1904. 1904. Fine 62. Chissed as Value. Quartz and dry ores. Cyanide hullon Lead ores In copper ores 3.800 \$3,519 120,019.5 \$30,630,140 68,279,16 2.070,438,44 287,458,66 100,004 12,938 Milling ores Totals202.476 \$4,185,544.22 1905. Tr tal\$33,543.281 Increase in gold, \$964,701; Increase in copper, \$3,597,005, Decrease in silver, \$1,532,534; decrease in lead, \$116,030, To-3,047.853.80 278,243.80 .117.440

The above increase in the value of 1. Increase in placers, \$5,945.94; cyanide bullion, \$207,882.15; copper ores, \$974,-387.36; ndiling ores, \$19,785.80. Decrease In quartz and dry ores, \$15,600.75; lead ores, \$180,859,65. Total increase, \$964,-700.55. OUTPUT OF PLACER GOLD.

> For the first time in recent years an the part of placer gold is to be noted in Utab. Small amounts, however, are said to have been recovered in 1994 from the gravels of Grand river, in Grand county. This district shows a noticeable output of this metal in 1965. while additional production came from the La Sal district and Miner's Basin the La Sal district and Miner's Basin in Grand county; from White canyon in Garfield county; from White canyon river in San Juan county; from Green river in Union county; The above table also shows the actual increase of gold in the concer-bearing ores already re-ferred to. Nearly all of this increase was contained in these offs from the Tintle district of Juab county. The Mercur district in Tonele county is re-suonsible for the increase in the guan-tity of mold won by the cyanide pro-cess. The yield of silver in the sev-eral classifications of ore during 1905, when compared with the returns of 1904, shows the following results:

1904, shown the following results:

Fine, czs. Cing Valu Quartz and dry. 151,294 2 108,108, variding over

| I |
|--------------------------------|
| d as Fine Ors. C up Value 5 |
| 1 |

dilling orea
orea
State
State</th

Washington, \$1,847.90; Juab and Utah \$62,500.09; Salt Lake, \$1,044,743.72. De-crease in Summit, \$2,526,783.18; Tooele. De-

f crease in Summit, \$2,526,783.18; Tooele, \$117,585.23; Garfield, Morgan, San Juan, Uintah, Wasatch and Weber, \$73,332.09. Total decrease, \$1,532,553.92. The following tables relating to the production of precious metals in Utah during 1905 show the final disposition of the ores and buillon as to its sale and treatment, and have been assem-bled from confidential returns furaish-ed by the producers. These have been ed by the producers. These have been verified by comparison with similar reports obtained from the smelters and refineries and from the United States mints and assay offices.

HOW METALS HAVE ADVANCED.

A comparison of the monthly averag-prices of metals as compiled by the En-gineering & Mining Journal of New York, shows some interesting data relative to the advances made during the present year: SILVER.

| MONTH. | New | York | Lon | don |
|---|---|--|--|---|
| MONTH. | 1905 | 1906 | 1905 | 190 |
| January | | 165.985 | 27 920 | 30.1 |
| reordary many a | 11.61.023 | 06.108 | 28.447 | 50.4i |
| MARKET ALL STREETERS AN | 8.046 | 64.331 | 26.794 | 29.8' |
| April version mine | 4.4. 50 sticts | 64, 160, | 26, 108 | 3년 년 |
| May | 1158 104 | 10.474.0 | 345 37/3 | 32.0 |
| June | | 65.105 | 27.1401 | 100.11 |
| AALIZING | 100 259 | 102 5439 | 257 47442 | |
| mplember | a. [6] 1965. | 157.69971 | 128 5251 | 21. 33 |
| etober | n. e 152. (81)] | 09.523 | 28,637 | 25,4 |
| avember | 10.4 450 | | 5.31, 492 | |
| Year | 100 SAM | <u>24,53,53</u> | and the second | *** |
| | | | | |
| The New York he ounces; the i since per standard | London. | 114643 | Elon . | a pe la l |
| nne ounces; the l | London. | quota 0.325 f | Elon . | is i |
| the ounces; the i enne per standard .CC | eunte, | quota 6.305 f | ition mes | 18 1 |
| sence per standard | PPER. | quota 6.305 f | Elon . | 18 1 |
| the ounces; the i enne per standard .CC | PPER Elec IV | quota 6.825 f | Lond | la j |
| nee ources; the 1 ence per standard .CC. New York. anuary | PPER Elec IV 1905 | tros tros tle, 1906 | Lond 1945 | la 1 lon. 1996 |
| New York. | PPER Elec IV 1905 | tros tros tle, 1906 | Lond 1945 | la 1 lon. 1996 |
| ne onnea; the i ence per standard .cc. New York. anuary | DPPER Educe 13 15.00 15.00 15.00 15.00 15.125 | quota 6.525 f tros tle, 1906 18.310 17.869 18.301 | Lond 1965 65,262 67,963 68,174 | in 1 ion. 1995 18.55 18.15 |
| New York. | London ounte, PPER Lave 1505 . 15.008 . 15.008 . 15.125 . 14.929 | quota 6.925 f 11994 tic. 1906 18,310 18,310 18,311 18,501 18,501 18,575 | Lond 1945 65, 202 65, 174 65, 174 65, 174 | 18 1 1905 1905 18.38 18.11 81.11 81.1 |
| New York. | Condon ounte, PPER Elece 19 1905 15,008 15,008 15,008 15,008 15,008 14,027 | quota 6.925 (1904) tic. 1906) 18.910 17.869 18.915 18.915 18.915 18.915 | Lond 19-5 65,242 67,942 66,942 67,917 64,915 | 18 1 1996 18.55 18.55 18.55 18.55 18.55 18.55 18.55 18.55 18.55 18.55 |
| nee ounces; the i enne per standard CC New York. anuary | Echidan cance, PPER Elece 15 1505 15,125 14,929 14,929 14,929 14,929 | quota 6.525 (1905) 1906 18, 110 17, 959 18, 911 18, 959 18, 457 18, 457 18, 457 | Lond 19:5 68,232 67,963 68,174 67,017 64,875 66,881 | 18 1 1900. 1906. 1907. 1907. 1907. 1907. 1907. 1907. 1907. |
| New York. | London ounce, PPER Live 1995 1995 1995 1995 1995 1995 1995 199 | quiota 6.925 (1906) 1906 18.110 17.969 18.315 18.451 18.451 18.451 18.451 | Lond 1965 68,202 67,962 68,174 68,174 66,817 66,817 66,851 66,885 | 18 1 1900. 1906. 1907. 1907. 1907. 1907. 1907. 1907. 1907. |
| ne ources; the i ence per standard .cc. New York. anuary | London ounice, PPER Elece 1y 1988 - 15.008 - 15.008 - 14.027 - 14.027 - 14.027 - 14.027 - 14.027 - 14.027 - 14.027 - 14.027 - 15.001 - 15.001 | quiola 0.925 f 1100- tic. 1906 18,110 17,989 18,911 18,457 18,457 18,457 18,457 18,457 18,457 18,457 18,457 19,662 18,900 19,900 19,900 19,900 18,900 18,900 18,900 18,900 18,900 18,900 19,9000 19,9000 19,900 19,900 19,900 19,900 19,900 19,900 | Lond 19:51 (6, 2)2 (6, | 18 1 1907. 1908. 1 |
| New York. | London ounice, PPER Elect 19 1968 15,003 15,155 14,929 14,929 14,929 14,929 14,929 14,929 14,929 14,929 14,929 14,929 14,938 | quiota 0.525 (1100- tic, 11906) 18, 310 18, 310 18, 315 18, 457 18, 457 18, 457 18, 457 18, 457 18, 457 19, 662 19, 662 | Lond 1965 1965 1965 1965 1963 1963 1963 1963 1963 1963 1963 1963 1963 11, 001 11, 001 | 18 1 1900, 1 |
| ne ources; the 1 energiper standord .cc. New York. anuary | London ounre, PPER Edve 1500 1500 1500 1500 1402 1402 1402 1500 1500 1500 1500 1500 1500 1500 15 | quipta 0.525 (1190- the, 1906 18, 310 17, 369 18, 315 18, 457 18, 457 18, 457 18, 457 18, 457 18, 457 18, 559 19, 289 19, 29 19, | Lond 19-5 19-5 67, 202 68, 174 67, 601 66, 821 61, 881 61, | 18 1 1000, 1 |
| ne ounces; the J energiper Standord .CC New York. anuary debruary darch | London ounre, DPPER Elece 1y 1995 - 15.001 - 5.155 - 14.929 - 14.927 - 14.927 - 14.927 - 14.927 - 14.927 - 15.001 - 15.0 | quipin 0.525 (1906) 18, 310 17, 959 18, 310 18, 315 18, 457 18, 442 18, 199 19, 002 21, 206 | Lond 1965 1965 66,202 67,965 68,202 67,965 68,801 60,881 60,881 60,881 60,881 60,881 61,815 61,815 71,007 71,007 71,505 71,5 | 1a 1 10m, 10m, 10m, 10m, 10m, 10m, 10m, 10m |

New York prices are in cents per pound. Electrolytic quotations are for cakes, ingots or wire bars. The London prices are in pounds storling, per long ton of \$2.240 lb., standard copper.

| | LEAD IN NEW YORK. |
|--------------------------------|---|
| | Month. 1995, 1986. Month. 1995, 1998. |
| 1 | Jam. 1.52.5.000 July 4.52.4.5.759 Feb. 4.50.6.464 Aug. 4.50.4.5.759 March 4.50.5.750 Sept. 4.50.5.750 April 4.50.5.750 Sept. 4.50.5.750 Mary 4.50.5.750 Sept. 4.50.5.750 Jumy 4.50.5.750 Dec. 5.422 Jumy -0.50.5.750 Dec. 5.422 Friges are in cents per pound, The London average for January, 1295, was file.553 Sept. 1.565 |
| ALL 0 | ner long ton February, £16.031; March, E15.621; Arch, E15.969; May, £16.725; June, E10.812; July, £16.525; August, £17.109; Sep- tember, £15.256; October, £15.50 SPEL/FER. |
| 61 | STELLER |
| - | the second se |
| | Month. New St. |
| 6 | Month. York. Louis |
| - | January |
| LAN AND | Month. York. Louis 10%, 1996, 1996, 1995, 1997 1976, 1997, 1997 1976, 1997, 1997 January 6, 1976, 487, 6, 092, 6, 337 1996, 477, 6, 092, 6, 337 February 6, 1976, 487, 6, 092, 6, 337 1996, 477, 5, 885, 5, 94 March 6, 007, 6, 995, 917, 644 1996, 1997, 1997 |
| A REAL PROPERTY. | Month. York. Louis January 5.006, 1006, 1006, 1007 1007, 1007 January 6.1376, 4576, 002, 0, 337 5.1076, 002, 0, 337 February 6.1076, 0, 002, 0, 337 5.1076, 0, 002, 0, 337 March 6.0176, 0, 002, 0, 337 5.1076, 0, 002, 0, 337 |
| 山田 大田山市山 | Month, York. Louis 1996, 1996, 1996, 1996, 1996, 1996 1996, 1996, 1996 Jaquary |
| A R. A LAND MALE | Month, York. Louis 1996, 1996, 1996, 1996, 1996, 1996 1996, 1996, 1996, 1996 1996, 1996, 1996 Jacutary 6, 1996, 6716, 692 6, 317 6, 927 6, 927 5, 826 5, 921 March 6, 199 6, 0715, 826 5, 591 10, 056 4, 92 6, 317 0, 636 April 6, 927 6, 224 5, 917 1, 056 410 6, 072 4, 224 5, 846 May 8, 81 5, 907 1, 224 5, 846 1000 Jane 5, 100 6, 050 4, 000 5, 911 1015 5, 912 |
| | Month, York. Louis 1086, 1996, 1996, 1996, 1996, 1996, 1996, 1996, 1996, 1996, 1996, 1996, 1996, 1996, 1997, 19 |
| A REAL PROPERTY AND ADDRESS OF | Month, York Louis 1996, 1996, 1996, 1996, 1996, 1996 1996, 1996, 1996, 1996 1997, 1997 January 6, 1976, 4876, 0923, 6, 337 1997, 1997 1997, 1997, 1997 March 6, 097, 0, 2997, 1170, 0997 6, 097, 0, 2997, 1170, 0997 1997, 1997 March 6, 097, 0, 2997, 1170, 0997 6, 197, 0, 2997, 1970, 0997 1997, 1997 March 5, 176, 0, 597, 2997, 2997, 2997, 2997, 2997 1997, 2997, 2997, 2997, 2997, 2997 1997, 2997, 2997, 2997, 2997 Mary 5, 126, 0, 0, 0997, 2 |
| | Month, York. Louis 1996, 1996, 1996, 1996, 1996, 1996 1996, 1996, 1996, 1996 1996, 1996, 1996 Jacutary 6, 1996, 6716, 692 6, 317 6, 927 6, 927 5, 826 5, 921 March 6, 199 6, 0715, 826 5, 591 10, 056 4, 92 6, 317 0, 636 April 6, 927 6, 224 5, 917 1, 056 410 6, 072 4, 224 5, 846 May 8, 81 5, 907 1, 224 5, 846 1000 Jane 5, 100 6, 050 4, 000 5, 911 1015 5, 912 |

0,142.045) Val \$4.344,021.60; silver, fine ounces, 11,024,444.36; colning value, \$14,253,827.06; total value, \$18,597,848.66, Total, gold, fine ounces, 249,143.089; val-ue, \$5,150,244.73; silver, fine ounces, 11,-025.208.00; coining value, 14,254,814.38; total value, \$19,405,659.11.

What Utah's mines have done this year in the way of produc-ing bullion is told compre-hensively on the page containing current mining news in section 7, this issue,

PRODUCTION OF BUTTE.

The scarcity of labor in Butte has greatly retarded production of copper during the past few months, and the condition has been getting worse. It is expected that the increase of wages of underground men from \$3.50 to \$2.75 per day, voluntarily made by all of the big companies, led by the Amalgamated, will assist in improving labor conditions. The increase means an added expenditure for wages on the part of the big companies of not less than \$1,000,000 per year. The daily output of the Butte district at present is about 13,509 tons of ore, but the quality fluctuates very much. The Boston & Montana, one of the Athalgaravied companies, is producing about 2.500 tons per day, and is planning to increase the amount by the first of December by 500 tons. The increased production will be shipped to the Washoe smelter at Anaconda for treatment, because the Great Falls amelter of the Boston & Montana is taxed to its utmost capacity at present, as it handles all of the Boston & Montana ore and some of the ore from the mines of the Butte Coslition compairs. The 500 tons increase will come from the West Cuiusa mine, which has been shut down for some time while improvements were being made, With the completion of improvements at the Great Fails smeller, which are now under way, that plant will be able to handle 1,500 tons per day more than it is handling now, and the Boston & Montana company expects to contribute about 700 tons to that increase! consumption. The smelter improves ments will probably be completed in six to ten menths. The Boston & Montana is mining an unusually high grade of ore at present, the average yield of copper being about 5 per cent for the first and second-cliss ore. The cro from the Leonard mine assays 515 to 6 per cent. The bottom levels of all the mines are looking better than ever The company is mining from five shafts, -the Leonard, Mountain View, West Colusa, East Colusa and Pennsylvan -and is sinking two new shafts on (Greenllef and Badger State. The Los and shaft is 1,200 feet deep, but Ga are workings below that point, tr adjoining claims, and a raise is la made from a depth of 1,400 feet to c nect with the shaft. The Pennsylva is 1.816 feet deep, the West C 1,600, the East Colum 900, the Moun View 1,800, and the GreenHef 503. We on the Badger State shuft has just begun and the shaft will be made 2,000 feet deep.