

	Tons.
In 1878 it was.....	404,000
In 1882 it was.....	1,400,000
In 1886 it was.....	1,745,000
In 1890 it was.....	2,319,000
In 1892 it was.....	2,643,000

This is more than one half the entire tonnage that passes out of the Golden Gate.

SALT.

An important industry of the county is the manufacture of salt. The works extend along the shore of the bay for 15 miles or more, employ hundreds of men and produce about 30,000 tons of salt annually. Something over a million dollars of capital is invested in the industry.

SUGAR.

The manufacture of beet sugar at Alvarado is another industry giving a market for \$250,000 worth of beets annually and employing a large number of men.

COAL.

An important and growing interest of the county is the mining of coal at Tesla, 12 miles east of Livermore. The plant is one of the most complete in the country. The town of Tesla belongs to the company. It has 5 large dormitories or lodging houses, 150 cottages for families, a large hotel, warehouse, hospital, general merchandise store, fruit store, dairy, butcher shop, cold storage plant, a public school and complete artesian water works and sewer system, making the town a model from a hygienic standpoint.

About 300 men are constantly employed and the working thus far has developed 20,000,000 tons of coal of good quality.

QUARRIES.

Large quarries of excellent macadamizing materials are found in the county. The rock is shipped to all parts of the State for use in improvement of roads.

STREETS AND ROADS.

The roads in Alameda County, outside of the cities, compare favorably with the best in other parts of the country. The main roads are macadamized or graveled and are kept in a good state of repair. There are 460 miles of roads in the county, 10 miles macadamized, 200 miles graveled and 250 miles graded. Of these 70 miles are watered daily in summer,

thus preserving them in good condition and contributing greatly to the comfort of travelers.

Over \$100,000 is expended annually on the improvement and maintenance of the county roads.

In the city of Oakland a well-conceived plan of street improvement has been carried on with most gratifying results. There are 109.70 miles of macadamized, 4.74 miles bituminized streets, and 55.10 miles of unimproved streets, and in Oakland annex 24.34 miles partly macadamized and 40.26 miles unimproved streets. Total, 234.84 miles. In years gone by the method of re-macadamizing exceeded in cost the amount necessary to construct new macadam. After considerable agitation a new method has been adopted which reduces the cost of re-macadamizing from \$1.25 to 90c to 25c per foot front, and as an inducement to property owners to have this done the city has agreed to furnish the steam roller for the purpose entirely free of charge.

The City of Alameda contains about fifty miles of macadamized streets.

In Berkeley, Shattuck avenue, University avenue and other of the principal streets are macadamized.

PUBLIC SCHOOLS.

The public schools of Alameda County take the foremost rank in the State, and as California is among the first four or five States of the Union in educational facilities, it may be said that our public school system is seen here in its highest state of development.

In the County there are 55 school districts and 94 school houses, 5 brick and 89 wood. There are 483 teachers, excluding high schools, 124 being graduates of normal school, 64 of University of California and 10 of other universities.

The average monthly salaries paid are City Superintendent, \$188.88; principals, primary and grammar men, \$118.21, women \$122.08; principals High School, \$179.37, teachers High School, men, \$121.14; women \$119.28; grammar schools, men, \$100; women, \$79.95; primary schools, men, \$67.50; women, \$73.89; kindergarten women, \$64.50; teachers in County, men, \$127.13; women, \$76.87.

The expenditure for school purposes at last report was for teachers' salaries, \$395,154.25; for supplies, repairs and contingent expenses, \$103,392.72; for sites, buildings and furniture, \$33,118.93; library books and apparatus, \$5,789.60; total, \$537,455.50. The value of school property, pri-