

the previous year by \$112,769 85. Cost of instruction per pupil, based on the enrollment, and excluding expenditures for lots and buildings, \$21 96. Cost of instruction per pupil, based on average attendance, and including expenditures for lots and buildings, \$32 37. The amount paid teachers' salaries, \$689,485 88. The estimated value of school property is: School sites, \$1,930,000; buildings, \$900,000; school furniture, \$183,000; libraries, \$9,302; school apparatus, \$25,000. Total, \$3,047,302. The Superintendent, in his Annual Report, institutes comparisons of the cost of the schools of San Francisco with those of St. Louis, Cincinnati and Boston. A principal of a grammar school in St. Louis receives \$2,250; in Cincinnati, \$2,110; and in San Francisco \$2,406 per annum. Primary teachers of the lowest class in Boston receive from \$504 to \$744 per annum, and in San Francisco \$600 to \$840 per annum. The salaries of head masters in high schools in Boston, \$3,780; principal in high school in San Francisco, \$4,000. The difference is regarded as not as great as the relative difference in other salaries and in cost of maintenance. The total amount paid for teachers' salaries during the past fiscal year was \$689,485 88, or an average for each enrolled pupil of \$18 09. The amount paid as salaries of teachers at the high schools, \$72,200, or an average charge to the 1,251 pupils enrolled of \$57 55 each. The average cost for each pupil in the primary schools on account of salaries paid primary teachers, is about \$16 per annum. As a matter of interest in connection with the public schools of the city, we give a few extracts from the biennial report of the State Superintendent, Ezra S. Carr, covering the school years 1878 and 1879. In 1855 California had only 227 schools, with an attendance of 13,000, and 26,077 census children; in 1879 it had 2,743 schools, with an attendance of 144,806, and 216,404 census children, an increase of 16,337 over the census of 1877. In 1855 teachers were paid \$181,906; in 1879 they were paid \$2,285,732 39. Up to the present time the people of California have devoted to the cause of education: For public schools, \$33,743,819 84; for State Normal School, \$566,600, and for the State University about \$4,150,000. (The total expense of the School Department of San Francisco has been \$11,075,870 45.) In percentage of average attendance on school population California stands ninth among the States, the highest being Massachusetts, with 72.76, and the lowest Louisiana, with 19.05. Census children attending the private schools at any time during the year, 15,432. Percentage of census children enrolled in public schools, 66.91; percentage in private schools, 7.04; percentage attending no school, 26.05; per cent. of children of native born parents, 46.14; per cent. of children who had one foreign born parent, 12.68; per cent. of children who are of foreign parents, 41.17; school districts, 1,999; number of male teachers, 1,236; number of female teachers, 6,217; average monthly salaries paid male teachers, \$82 13; average paid female teachers, \$66 37; new school houses erected, 122; institutes held, 34; cost of institutes, \$2,988 22. Total receipts of the School Department from all sources, State and County apportionments, city and district taxes, etc., for 1878, \$3,820,661 26; for 1879, \$3,653,798 96; State apportionment per census child, 1878, \$7 67; for 1879, \$6 60; county apportionments per census child, 1878, \$3 50; 1879, \$3 59; total receipts of all kinds per census child, 1878, \$18 59; 1879, \$16 84. Total expenditures of the School Department, including salaries, rents, fuel, libraries, apparatus, sites, buildings, furniture, etc., 1878, \$3,155,815 27; 1879, \$3,010,907 13. Cost of tuition per pupil enrolled in public schools, 1879, \$14 58. Total current expense per pupil enrolled, 1879, \$17 34. Total current expense per pupil in daily attendance, 1879, \$27 60. Valuation of school property, 1879, \$6,857,380. By the foregoing it will be seen that San Francisco has about 39 per cent. of the enrolled pupils; pays about 33 per cent. of the teachers salaries; has about 35 per cent. of the children entitled to school moneys, and owns about 50 per cent. of the school property of the State. Of the State University the Superintendent says: "The University has reached the ideal standard of its original projectors, with full departments of law and medicine, courses or colleges of agriculture, mechanics and engineering, and affiliated colleges of dentistry and pharmacy. The foundation of an art college has been laid in the gift of an art collection, with \$25,000 in money, to which the State has added an equal sum. The munificent example of Dr. Toland, in donating the valuable property of the Toland Medical College entire to the University, has borne fruit in the ample endowment by Judge Hastings of the law college, and of the dental college by Dr. Cogswell, and of the equally generous gift of H. D. Bacon for the promotion of the fine arts. The Faculty of the University is composed of gentlemen of unexceptionable ability." Of the Normal School the Superintendent says: "It has 19 instructors, and the number of its pupils is 548. The training school connected with it has 113 pupils. With the increase of population there will be an increased demand for normal instruction. This should be met, not by establishing other normal schools, but by maintaining annual normal institutes at different points in the State, and by carrying forward the high school course in towns and cities through another year, especially devoted to didactics. This is already done in the Girls' High School at San Francisco, from which three classes of well trained teachers have graduated."

**CITY NORMAL SCHOOL.**—Superintendent Mann recommends the establishment of a City Normal School. New York and Boston have such schools. The Normal Class of this city (October 1, 1879) numbers 95, all graduates of the High Schools.

**KINDERGARTENS.**—The Deputy Superintendent recommends the establishment of Kinder-

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