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# Parent Driver Characteristics Associated with Sub-Optimal Restraint of Child Passengers

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...parents as

reference, adjusted relative risk, adjusted RR = 1.24, 95% CI: 1.09-1.41); less educated

parents (with college graduate or above as reference: high school, adjusted RR = 1.27, 95% CI: 1.12-1.44; less than high school graduate, adjusted RR = 1.36, 95% CI: 1.13-1.63); and lower family income (with \$50,000 or more as reference: <\$20,000, adjusted RR = 1.23, 95% CI: 1.07-1.40). Multivariate analysis revealed the following independent risk factors for sub-optimal restraint among four-to-eight-year-olds: older parent age, limited education, black race, and income below \$20,000.

**Conclusions.** Parents with low educational levels or of non-Hispanic black background may require additional anticipatory guidance regarding child passenger safety. The importance of poverty in predicting sub-optimal restraint underscores the importance of child restraint and booster seat disbursement and education programs, potentially through Medicaid.

Keywords: [Child Passenger Safety](#) [Health Disparity](#) [Poverty](#) [Child Safety Seats](#) [Booster Seats](#)

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## Notes

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<sup>4</sup>unweighted sample size = 2920.

\*P < 0.05;


\*\*P < 0.01;

\*\*\*P < 0.001.

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