

Citations for Papers on the National Immunization Survey

(September 2003)

Barker, Lawrence E., and Luman, Elizabeth T. 2001. Changes in vaccination coverage estimates among children aged 19-35 months in the United States, 1996-1999. *American Journal of Preventive Medicine*, Volume 20, Number 4S, pp. 28-31.

Bartlett, Diana L., Ezzati-Rice, Trena M., Stokley, Shannon, and Zhao, Zhen. 2001. Comparison of NIS and NHIS/NIPRCS vaccination coverage estimates. *American Journal of Preventive Medicine*, Volume 20, Number 4S, pp. 25-27.

Battaglia, Michael P., Malec, Donald J., Spencer, Bruce D., Hoaglin, David C., and Sedransk, J. 1995. Adjusting for noncoverage of nontelephone households in the National Immunization Survey. *1995 Proceedings of the Section on Survey Research Methods*, Alexandria, VA: American Statistical Association, pp. 678-683.

Battaglia, Michael P., Starer, Amy, Oberkofler, Jerry, and Zell, Elizabeth R. 1995. Pre-identification of nonworking and business telephone numbers in list-assisted random-digit-dialing samples. *1995 Proceedings of the Section on Survey Research Methods*, Alexandria, VA: American Statistical Association, pp. 957-962.

Battaglia, Michael P., Shapiro, Gary, and Zell, Elizabeth R. 1996. Substantial response bias may remain when records are used in a telephone survey. *1996 Proceedings of the Section on Survey Research Methods*, Alexandria, VA: American Statistical Association, pp. 452-455.

Battaglia, Michael P., Zell, Elizabeth R., and Ching, Pamela L.Y.H. 1996. Can participating in a panel sample introduce bias into trend estimates? *1996 Proceedings of the Section on Survey Research Methods*, Alexandria, VA: American Statistical Association, pp. 1010-1013.

Battaglia, Michael P., Ezzati-Rice, Trena M., and Zell, Elizabeth R. 1997. Respondent characteristics associated with misreporting of vaccinations in a telephone survey. *1997 Proceedings of the Section on Survey Research Methods*, Alexandria, VA: American Statistical Association, pp. 976-980.

Battaglia, Michael P., Ezzati-Rice, Trena M., Hoaglin, David C., Loft, John D., and Maes, Edmond F. 1997. Response rates in a survey that collects childhood vaccination information from households and providers. *1997 Proceedings of the Section on Survey Research Methods*, Alexandria, VA: American Statistical Association, pp. 623-628.

Battaglia, Michael P., Huggins, Vicki, Rodén, Ann-Sofi, Wright, Robert A., Piccinino, Linda, and Dennis, J. Michael. 2000. Evaluating the impact of a new CATI screener in the National Immunization Survey. *2000 Proceedings of the Section on Survey Research Methods*, Alexandria, VA: American Statistical Association, pp. 703-708.

Battaglia, Michael P., Ballard-LeFauve, Kate, Piccinino, Linda, Murray, Mary Cay, Wright, Robert A., and Khare, Meena. 2001. Reducing attrition in a random-digit-dialing-based provider record check study. *2001 Proceedings of the Annual Meeting of the American Statistical Association* [CD-ROM], Alexandria, VA: American Statistical Association.

Battaglia, Michael P., Hoaglin, David C., Izrael, David, Khare, Meena, and Mokdad, Ali. 2002. Improving income imputation by using partial income information and ecological variables. *2002 Proceedings of the Annual Meeting of the American Statistical Association* [CD-ROM], Alexandria, VA: American Statistical Association, pp. 152-157.

Buckley, Paul, Dennis, J. Michael, Saulsberry, Candice, Coronado, Victor G., Ezzati-Rice, Trena M., Maes, Edmond F., Rodén, Ann-Sofi, and Wright, Robert A. 1998. Managing 78 simultaneous RDD samples. *1998 Proceedings of the Section on Survey Research Methods*, Alexandria, VA: American Statistical Association, pp. 957-961.

Camburn, Donald P., Lavrakas, Paul, J., Battaglia, Michael P., Massey, James T., and Wright, Robert A. 1995. Using advance letters in random-digit-dialing telephone surveys. *1995 Proceedings of the Section on Survey Research Methods*, Alexandria, VA: American Statistical Association, pp. 969-974.

Camburn, Donald P., and Wright, Robert A. 1996. Predicting eligibility rates for rare populations in RDD screening surveys. Presented at the 51st Annual Conference of the American Association for Public Opinion Research, Salt Lake City, UT, May 16-19, 1996. Paper is posted at <http://www.nisabt.org/public/papers/index.htm>

Cordero, José F., and Orenstein, Walter A. 2001. The future of the National Immunization Survey. *American Journal of Preventive Medicine*, Volume 20, Number 4S, pp. 84-85.

Coronado, Victor G., Maes, Edmond F., Kilbourne, Edwin, Dennis, J. Michael, Battaglia, Michael P., Rodén, Ann-Sofi, and Strella, Rebecca V. 1999. The National Immunization Survey quality control program. Presented at the National Immunization Conference, Dallas, Texas, June 23, 1999. Paper is posted at <http://www.nisabt.org/public/papers/index.htm>

Daniels, Danni, Jiles, Ruth B., Klevens, R. Monina, and Herrera, Guillermo A. 2001. Undervaccinated African-American preschoolers: a case of missed opportunities. *American Journal of Preventive Medicine*, Volume 20, Number 4S, pp. 61-68.

Dennis, J. Michael, Coronado, Victor G., Frankel, Martin R., Rodén, Ann-Sofi, Saulsberry, Candice, Speizer, Howard, and Wright, Robert A. 1998. Use of an intranet to manage a telephone survey. *1998 Proceedings of the Section on Survey Research Methods*, Alexandria, VA: American Statistical Association, pp. 946-950.

Dennis, J. Michael, Saulsberry, Candice, Battaglia, Michael P., Rodén, Ann-Sofi, Hoaglin, David C., Frankel, Martin R., Mathiowetz, Nancy A., Smith, Philip J., and Wright, Robert A. 1999. Analysis of call patterns in a large random-digit dialing survey: the National Immunization Survey. Presented at the International Conference on Survey Nonresponse, Portland, OR, October 28-31, 1999. Paper is posted at <http://www.nisabt.org/public/papers/index.htm>

Ezzati-Rice, Trena M., Zell, Elizabeth R., Battaglia, Michael P., Ching, Pamela L.Y.H., and Wright, Robert A. 1995. The design of the National Immunization Survey. *1995 Proceedings of the Section on Survey Research Methods*, Alexandria, VA: American Statistical Association, pp. 668-672.

Ezzati-Rice, Trena M., Frankel, Martin R., Hoaglin, David C., Loft, John D., Coronado, Victor G., and Wright, Robert A. 2000. An alternative measure of response rate in random-digit-dialing surveys that screen for eligible subpopulations. *Journal of Economic and Social Measurement*, Volume 26, pp. 99-109.

Ezzati-Rice, Trena M., and Curtin, Lester R. 2001. Population-based surveys and their role in public health. *American Journal of Preventive Medicine*, Volume 20, Number 4S, pp.15-16.

Feikema, Suzanne M., Klevens, R. Monina, Washington, Michael L., and Barker, Lawrence. 2000. Extraintimmunization among US children. *Journal of the American Medical Association*, Volume 283, pp. 1311-1317.

Frankel, Martin, Ezzati-Rice, Trena, Wright, Robert A., and Srinath, K.P. 1998. Use of data on interruption in telephone service for noncoverage adjustment. *1998 Proceedings of the Section on Survey Research Methods*, Alexandria, VA: American Statistical Association, pp. 290-295.

Frankel, Martin R., Srinath, K.P., Battaglia, Michael P., Hoaglin, David C., Wright, Robert A., and Smith, Philip J. 1999. Reducing nontelephone bias in RDD surveys. *1999 Proceedings of the Section on Survey Research Methods*, Alexandria, VA: American Statistical Association, pp. 934-939.

Frankel, Martin R., Srinath, K.P., Battaglia, Michael P., Hoaglin, David C., Smith, Philip J., Wright, Robert A., and Khare, Meena. 2000. Using data on interruptions in telephone service to reduce nontelephone bias in a random-digit-dialing survey. *2000 Proceedings of the Section on Survey Research Methods*, Alexandria, VA: American Statistical Association, pp. 647-652.

Frankel, Martin R., Srinath, K.P., Hoaglin, David C., Battaglia, Michael P., Smith, Philip J., Wright, Robert A., and Khare, Meena. 2003. Adjustments for non-telephone bias in random-digit-dialing surveys. *Statistics in Medicine*, Volume 22, pp. 1611-1626.

Herrera, Guillermo A., Zhao, Zhen, and Klevens, R. Monina. 2001. Variation in vaccination coverage among children of Hispanic ancestry. *American Journal of Preventive Medicine*, Volume 20, Number 4S, pp. 69-74.

Hoaglin, David C., and Battaglia, Michael P. 1996. A comparison of two methods of adjusting for noncoverage of nontelephone households in a telephone survey. *1996 Proceedings of the Section on Survey Research Methods*, Alexandria, VA: American Statistical Association, pp. 497-501.

Jiles, Ruth B., Daniels, Danni, Yusuf, Hussain R., McCauley, Mary M., and Chu, Susan Y. 2001. Undervaccination with hepatitis B vaccine: missed opportunities or choice? *American Journal of Preventive Medicine*, Volume 20, Number 4S, pp. 75-83.

Khare, Meena, Battaglia, Michael P., Huggins, Vicki J., Stokley, Shannon, Hoaglin, David C., Wright, Robert A., and Rodén, Ann-Sofi. 2000. Accuracy of vaccination dates reported by immunization providers in the National Immunization Survey. *2000 Proceedings of the Section on Survey Research Methods*, Alexandria, VA: American Statistical Association, pp. 665-670.

Khare, Meena, Ezzati-Rice, Trena M., Battaglia, Michael P., and Zell, Elizabeth R. 2001. An assessment of misclassification error in provider-reported vaccination histories. *2001 Proceedings of the Annual Meeting of the American Statistical Association* [CD-ROM], Alexandria, VA: American Statistical Association.

Klevens, R. Monina, and Luman, Elizabeth T. 2001. U.S. children living in and near poverty: risk of vaccine-preventable diseases. *American Journal of Preventive Medicine*, Volume 20, Number 4S, pp. 41-46.

Kochanek, Kymn M., Camburn, Donald P., Rodén, Ann-Sofi, Sawyer, Marilyn, Wolters, Chuck D., Massey, James T., Zell, Elizabeth R., and Ching, Pamela L.Y.H. 1995. Answering machine messages as tools for an RDD telephone survey. Presented at the 50th Annual Conference of the American Association for Public Opinion Research, Fort Lauderdale, FL, May 18-21, 1995. Paper is posted at <http://www.nisabt.org/public/papers/index.htm>

Loft, John D., Maes, Edmond F., Kneifel, Anita, Rodén, Ann-Sofi, Srinath, K.P., Strella, Rebecca V., Coronado, Victor G., and Wright, Robert A. 1998. Results of an experiment using different mail carriers for a mail survey of immunization providers. *1998 Proceedings of the Section on Survey Research Methods*, Alexandria, VA: American Statistical Association, pp. 971-977.

Loft, John D., Maes, Edmond F., Kneifel, Anita, Rodén, Ann-Sofi, Strella, Rebecca V., Coronado, Victor G., and Wright, Robert A. 1998. Provider on-line locating facility for a telephone survey of childhood immunization. *1998 Proceedings of the Section on Survey Research Methods*, Alexandria, VA: American Statistical Association, pp. 968-970.

Luman, Elizabeth T., Barker, Lawrence E., Simpson, Diane M., Rodewald, Lance E., Szilagyi, Peter G., and Zhao, Zhen. 2001. National, state, and urban-area vaccination-coverage levels among children aged 19-35 months, United States, 1999. *American Journal of Preventive Medicine*, Volume 20, Number 4S, pp. 88-153.

Luman, Elizabeth T., Stokley, Shannon, Daniels, Danni, and Klevens, R. Monina. 2001. Vaccination visits in early childhood: just one more visit to be fully vaccinated. *American Journal of Preventive Medicine*, Volume 20, Number 4S, pp. 32-40.

Massey, James T. 1995. Estimating the response rate in a telephone survey with screening. *1995 Proceedings of the Section on Survey Research Methods*, Alexandria, VA: American Statistical Association, pp. 673-677.

Massey, James T., Wolter, Charles, Wan, Siu Chong, and Liu, Karen. 1996. Optimum calling patterns for random digit dialed telephone surveys. *1996 Proceedings of the Section on Survey Research Methods*, Alexandria, VA: American Statistical Association, pp. 485-490.

McCauley, Mary M., Luman, Elizabeth T., Barker, Lawrence E., Rodewald, Lance E., Simpson, Diane M., and Szilagyi, Peter G. 2001. The National Immunization Survey: information for action. *American Journal of Preventive Medicine*, Volume 20, Number 4S, pp. 1-2.

Olson, Lorayn, Rodén, Ann-Sofi, Dennis, J. Michael, Cannarozzi, Francine, and Wright, Robert A. 1999. Alternative methods of obtaining family income in RDD surveys. *1999 Proceedings of the Section on Survey Research Methods*, Alexandria, VA: American Statistical Association, pp. 940-945.

Schwartz, Ben, Yusuf, Hussain, Rodewald, Lance, Wright, Robert A., Battaglia, Michael, Wilkinson, Marilyn, and Huggins, Vicki. 2000. The National Immunization Survey: design of a study on knowledge, attitudes and practices (NIS-KAP). *2000 Proceedings of the Section on Survey Research Methods*, Alexandria, VA: American Statistical Association, pp. 697-702.

Shapiro, Gary M., Battaglia, Michael P., Camburn, Donald P., Massey, James T., and Tompkins, Linda I. 1995. Calling local telephone company business offices to determine the residential status of a wide class of unresolved telephone numbers in a random-digit dialing sample. *1995 Proceedings of the Section on Survey Research Methods*, Alexandria, VA: American Statistical Association, pp. 975-980.

Shapiro, Gary M., Battaglia, Michael P., Hoaglin, David C., Buckley, Paul, and Massey, James T. 1996. Geographical variation in within-household coverage of households with telephones in an RDD survey. *1996 Proceedings of the Section on Survey Research Methods*, Alexandria, VA: American Statistical Association, pp. 491-496.

Shefer, Abigail M., Luman, Elizabeth T., Lyons, Bridget H., Coronado, Victor G., Smith, Philip J., Stevenson, John M., and Rodewald, Lance E. 2001. Vaccination status of children in the Women, Infants, and Children (WIC) Program: are we doing enough to improve coverage? *American Journal of Preventive Medicine*, Volume 20, Number 4S, pp. 47-54.

Simpson, Diane M., Ezzati-Rice, Trena M., and Zell, Elizabeth R. 2001. Forty years and four surveys: how does our measuring measure up? *American Journal of Preventive Medicine*, Volume 20, Number 4S, pp. 6-14.

Simpson, Diane M., Rodewald, Lance E., and Barker, Lawrence E. 2001. What's in a number?: the use and abuse of survey data. *American Journal of Preventive Medicine*, Volume 20, Number 4S, pp. 86-87.

Smith, Philip J., Hoaglin, David C., Rao, J.N.K., Daniels, Danni, and Battaglia, Michael P. 2000. Evaluation of adjustments for nonresponse bias applied to provider nonresponse in the National Immunization Survey. *2000 Proceedings of the Section on Survey Research Methods*, Alexandria, VA: American Statistical Association, pp. 715-720.

Smith, Philip J., Rao, J.N.K., Battaglia, Michael P., Daniels, Danni, Ezzati-Rice, Trena, and Khare, Meena. 2000. Compensating for nonresponse bias in the National Immunization Survey using response propensities. *2000 Proceedings of the Section on Survey Research Methods*, Alexandria, VA: American Statistical Association, pp. 641-646.

Smith, Philip J., Simpson, Diane, Battaglia, Michael P., Huggins, Vicki, Rodewald, Lance, Klevens, Monina, Wilkinson, Marilyn, Rodén, Ann-Sofi, Khare, Meena, and Wright, Robert A. 2000. Split sampling design for topical modules in the National Immunization Survey. *2000 Proceedings of the Section on Survey Research Methods*, Alexandria, VA: American Statistical Association, pp. 653-658.

Smith, Philip J., Srinath, K.P., Battaglia, Michael P., Graubard, Barry I., Barker, Lawrence, Hoaglin, David C., Frankel, Martin, and Khare, Meena. 2000. Issues relating to the use of jackknife methods in the National Immunization Survey. *2000 Proceedings of the Section on Survey Research Methods*, Alexandria, VA: American Statistical Association, pp. 709-714.

Smith, Philip J., Battaglia, Michael P., Daniels, Danni, Coronado, Victor G., and Rao, J.N.K. 2001. The National Immunization Survey: a surveillance system for state and local estimates of childhood vaccination levels. *Proceedings of the Seventh Health Survey Research Methods Conference*, Hyattsville, MD: National Center for Health Statistics, pp. 233-237.

Smith, Philip J., Battaglia, Michael P., Huggins, Vicki J., Hoaglin, David C., Rodén, Ann-Sofi, Khare, Meena, Ezzati-Rice, Trena M., and Wright, Robert A. 2001. Overview of the sampling design and statistical methods used in the National Immunization Survey. *American Journal of Preventive Medicine*, Volume 20, Number 4S, pp. 17-24.

Smith, Philip J., Rao, J.N.K., Battaglia, Michael P., Ezzati-Rice, Trena M., Daniels, Danni, and Khare, Meena. 2001. *Compensating for Provider Nonresponse Using Response Propensities to Form Adjustment Cells: the National Immunization Survey*. Vital and Health Statistics, Series 2, No. 133 (DHHS publication No. (PHS) 2001-1333). Hyattsville, MD: National Center for Health Statistics.

Smith, Philip J., Hoaglin, David C., Battaglia, Michael P., and Barker, Lawrence. 2003. Implementation and applications of bootstrap methods for the National Immunization Survey. *Statistics in Medicine*, Volume 22, pp. 2487-2502.

Smith, Philip J., Hoaglin, David C., Rao, J.N.K., Battaglia, Michael, P., and Daniels, Danni. 2004. Evaluation of adjustments for partial nonresponse bias in the National Immunization Survey. *Journal of the Royal Statistical Society, Series A*, Volume 167, pp. 1-16.

Srinath, K. P., Battaglia, Michael P., Cardoni, Jessica, Crawford, Corinna, Snyder, Richard, and Wright, Robert A. 2001. Balancing cost and mean squared error in RDD telephone surveys: the National Immunization Survey. *2001 Proceedings of the Annual Meeting of the American Statistical Association* [CD-ROM], Alexandria, VA: American Statistical Association.

Srinath, K.P., Battaglia, Michael P., Frankel, Martin R., Khare, Meena, and Zha, Wenxing. 2002. Evaluation of a procedure based on interruptions in telephone service for reducing coverage bias in RDD surveys. *2002 Proceedings of the Annual Meeting of the American Statistical Association* [CD-ROM], Alexandria, VA: American Statistical Association, pp. 3323-3329.

Stevenson, John, Luman, Beth, Wright, Robert A., Khare, Meena, Canavan, Barbara, Hoaglin, David C., Huggins, Vicki J., Piccinino, Linda, and Strella, Rebecca. 2000. The National Immunization Survey registry validation study: methodology for matching and analyses. *2000 Proceedings of the Section on Survey Research Methods*, Alexandria, VA: American Statistical Association, pp. 659-664.

Stokley, Shannon, Battaglia, Michael P., Khare, Meena, Daniels, Danni, and Ezzati-Rice, Trena M. 2000. Comparison of the NIS and NHIS/NIPRCS estimation methods. *2000 Proceedings of the Section on Survey Research Methods*, Alexandria, VA: American Statistical Association, pp.721-725.

Stokley, Shannon, Smith, Philip J., Klevens, R. Monina, and Battaglia, Michael P. 2001. Vaccination status of children living in rural areas in the United States: are they protected? *American Journal of Preventive Medicine*, Volume 20, Number 4S, pp. 55-60.

Szilagyi, Peter G. 2001. Measuring the success of the U.S. childhood immunization system. *American Journal of Preventive Medicine*, Volume 20, Number 4S, pp. 3-5.

Wall, Thomas P., Kochanek, Kymn M., Fitti, Joseph E., and Zell, Elizabeth R. 1995. The use of real-time language translation services in random-digit-dialing telephone surveys. Presented at the 50th Annual Conference of the American Association for Public Opinion Research, Fort Lauderdale, FL, May 18-21, 1995. Paper is posted at <http://www.nisabt.org/public/papers/index.htm>

Zell, Elizabeth R., Ezzati-Rice, Trena M., Hoaglin, David C., and Massey, James T. 1995. Adjusting for respondent bias on vaccination status in a telephone survey. *1995 Proceedings of the Section on Survey Research Methods*, Alexandria, VA: American Statistical Association, pp. 684-689.

Zell, Elizabeth R., Ezzati-Rice, Trena M., Battaglia, Michael P., and Wright, Robert A. 2000. National Immunization Survey: the methodology of a vaccination surveillance system. *Public Health Reports*, Volume 115, pp. 65-77.