

This PDF is a selection from an out-of-print volume from the National Bureau of Economic Research

Volume Title: Fatal Years: Child Mortality in Late Nineteenth-Century America

Volume Author/Editor: Samuel H. Preston and Michael R. Haines

Volume Publisher: Princeton University Press

Volume ISBN: 0-691-04268-3

Volume URL: <http://www.nber.org/books/pres91-1>

Conference Date: n/a

Publication Date: January 1991

Chapter Title: References

Chapter Author: Samuel H. Preston, Michael R. Haines

Chapter URL: <http://www.nber.org/chapters/c11551>

Chapter pages in book: (p. 237 - 258)

REFERENCES

- Abbott, S. W. 1899. "A Massachusetts Life Table for the Five Years 1893-97." In Massachusetts State Board of Health, *Thirtieth Annual Report: 1895*, pp. 810-27. Boston.
- . 1900. *The Past and Present Condition of Public Hygiene and State Medicine in the United States*. Boston: Wright & Potter Printing Company.
- Ackerknecht, E. H. 1973. *Therapeutics from the Primitives to the 20th Century with an Appendix: History of Dietetics*. New York: The Hafner Press.
- Adams, S. H. 1906. *The Great American Fraud*. New York. Partially reprinted in Bremner 1971, pp. 882-83.
- Addams, J. 1910. *Twenty Years at Hull-House*. Macmillan: New York.
- Altendorfer, M. E. 1947. "Relationship between Per Capita Income and Mortality in the Cities of 100,000 or More Population." *Public Health Reports* 62(48):1681-91.
- American Public Works Association. 1976. *History of Public Works in the United States, 1776-1976*. Chicago: American Public Works Association.
- Anderson, L. 1984. "Hard Choices: Supplying Water to New England Towns." *The Journal of Interdisciplinary History* 15(2) (Autumn):211-34.
- Andrews, F. M., J. N. Morgan, J. A. Sonquist, and L. Klem. 1973. *Multiple Classification Analysis*. 2nd ed. Ann Arbor: Institute for Social Research, University of Michigan.
- Antonovsky, A. 1967. "Social Class, Life Expectancy and Overall Mortality." *Milbank Memorial Fund Quarterly* 45(2), pt. 1:31-73.
- Antonovsky, A., and J. Bernstein. 1977. "Social Class and Infant Mortality." *Social Science and Medicine* 11(8/9) (May):453-77.
- Apple, R. 1980. "To Be Used Only under the Direction of a Physician: Commercial Feeding and Medical Practice, 1870-1940." *Bulletin of the History of Medicine* 54(2):402-17.
- . 1981. *How Shall I Feed My Baby? Infant Feeding in the United States, 1870-1940*. Ann Arbor: University Microfilms.
- Armstrong, W. A. 1972. "The Use of Information about Occupation." In E. A. Wrigley, ed., *Nineteenth Century Society: Essays in the Use of Quantitative Methods for the Study of Social Data*, pp. 191-310. Cambridge: Cambridge University Press.
- Ashby, H. 1922. *Infant Mortality*. 2nd ed. Cambridge: Cambridge University Press.
- Atkinson, A. B. 1970. "On the Measurement of Inequality." *Journal of Economic Theory* 2(3) (September):244-63.
- Atwater, W. O., and C. D. Woods. 1897. *Dietary Studies with Reference to the Food of the Negro in Alabama in 1895 and 1896*. U.S. Department of Agriculture, Office of Experiment Stations Bulletin 38. Washington, D.C.: G.P.O.
- Avery, R. C. 1981. *Model Life Table and Stable Population Generation Program*. Ithaca, N.Y.: Cornell University, International Population Program.

- Aykroyd, W. R. 1971. "Nutrition and Mortality in Infancy and Early Childhood: Past and Present Relationships." *American Journal of Clinical Nutrition* 24:480-87.
- Baker, S. J. 1939. *Fighting for Life*. New York: Macmillan. Reprinted in part in Bremner 1971, pp. 16-18.
- Barr, M. W. 1905. "Results of Asexualization." *Journal of Psycho-Asthenics* 9:129. Reprinted in Bremner 1971, pp. 856-57.
- Becker, G. S. 1975. *Human Capital*. 2nd ed. New York: Columbia University Press.
- Behm, H. 1979. "Socioeconomic Determinants of Mortality in Latin America." In United National/World Health Organization, *Proceedings of the Meeting on Socioeconomic Determinants and Consequences of Mortality*, pp. 139-65. El Colegio de Mexico, Mexico City, 19-25 June 1979.
- Benjamin, B. 1964. "The Urban Background to Public Health Changes in England and Wales, 1900-1950." *Population Studies* 17(3):225-48.
- Bennett, M. K., and R. H. Pierce. 1961. "Change in the American National Diet, 1879-1959." *Food Research Institute Studies* 2(2):97-118.
- Blake, N. M. 1956. *Water for the Cities: A History of the Urban Water Supply Problem in the United States*. Syracuse, N.Y.: Syracuse University Press.
- Blau, Francine D. 1980. "Immigration and Labor Earnings in Early Twentieth Century America." *Research in Population Economics* 2:21-41.
- Blumberg, R. L. 1988. "Income under Female Versus Male Control." *Journal of Family Issues* 9(1):51-84.
- Bogue, D. J. 1959. *The Population of the United States*. Glencoe, Ill.: The Free Press.
- Bowditch, H. I. 1877. *Public Hygiene in America*. Boston: Little, Brown, and Company.
- Bradley, F. S., and M. A. Williamson. 1918. *Rural Children in Selected Counties of North Carolina*. U.S. Department of Labor Children's Bureau Rural Child Welfare Series, 2. Washington, D.C.: G.P.O.
- Brass, W. 1975. *Methods for Estimating Fertility and Mortality from Limited and Defective Data*. Chapel Hill, N.C.: Carolina Population Center.
- Bremner, R. H., ed. 1971. *Children and Youth in America: A Documentary History*. Vol. 2: 1866-1932. Cambridge, Mass.: Harvard University Press.
- , ed. 1974. *Care of Dependent Children in the Late Nineteenth and Early Twentieth Centuries*. New York: Arno Press.
- Brend, W. A. 1917. "Infant Mortality." *Medical Research Council Special Report Series No. 10*. London: H. M. Stationery Office.
- Brieger, G. H. 1966. "American Surgery and the Germ Theory of Disease." *Bulletin of the History of Medicine* 40:135-45.
- Briggs, A. 1956-57. "Middle Class Consciousness in English Politics, 1780-1846." *Past and Present* 9:65-74.
- Bryant, A. P. 1898. "Some Results of Dietary Studies in the United States." In *United States Department of Agriculture Yearbook*, pp. 439-52. Washington, D.C.: G.P.O.

- Cain, L. P. 1972. "Raising and Watering a City: Ellis Sylvester Chesbrough and Chicago's First Sanitation System." *Technology and Culture* 13:353-72.
- . 1974. "Unfouling the Public's Nest: Chicago's Sanitary Diversion of Lake Michigan Water." *Technology and Culture* 15:594-613.
- . 1977. "An Economic History of Urban Location and Sanitation." *Research in Economic History* 2:337-89.
- Caldwell, J. C. 1979. "Education as a Factor in Mortality Decline: An Examination of Nigerian Data." *Population Studies* 33(3) (November):395-414.
- . 1981. "Influence of Maternal Education on Infant and Child Mortality: Levels and Causes." Paper presented at the Symposium on Literacy, Education, and Health Development, University of Michigan, Ann Arbor, 17-19 March.
- Caldwell, M. 1988. *The Last Crusade: The War on Consumption, 1862-1954*. New York: Atheneum.
- Cassedy, J. H. 1962a. *Charles V. Chapin and the Public Health Movement*. Cambridge, Mass.: Harvard University Press.
- . 1962b. "The Flamboyant Colonel Waring: An Anticontagionist Holds the American Stage in the Age of Pasteur and Koch." *Bulletin of the History of Medicine* 36:163-76. Reprinted in Leavitt and Numbers 1978, pp. 305-12.
- . 1965. "The Registration Area and American Vital Statistics: Development of a Health Research Resource, 1885-1915." *Bulletin of the History of Medicine* 39(3):221-31.
- Chapin, C. V. 1901. *Municipal Sanitation in the United States*. Providence, R.I.: Snow and Furnhum.
- . 1910. *The Sources and Modes of Infection*. New York: J. Wiley and Sons.
- . 1919. "The Control of Midwifery." In Chenery and Merritt 1984, pp. 157-63. Reprint of U.S. Department of Labor, Children's Bureau, *Standards of Child Welfare*, Report of the Children's Bureau Conferences, May and June 1919. Bureau Publication no. 60. Washington, D.C.: Department of Labor.
- Chenery, H., and M. Syrquin. 1975. *Patterns of Development, 1950-1970*. London: Oxford University Press.
- Chenery, W. L., and E. A. Merritt, eds. 1974. *Standards of Child Welfare*. New York: Arno Press.
- Cheney, R. A. 1984. "Seasonal Aspects of Infant and Childhood Mortality: Philadelphia, 1865-1920." *Journal of Interdisciplinary History* 14(3) (Winter):561-85.
- Clelland, J. G., and J. K. van Ginneken. 1988. "Maternal Education and Child Survival in Developing Countries: The Search for Pathways of Influence." *Social Science and Medicine* 27(12):1357-68.
- Coale, A. J., and P. Demeny. 1966. *Regional Model Life Tables and Stable Populations*. Princeton, N.J.: Princeton University Press.
- Coale, A. J., and N. W. Rives, Jr. 1973. "A Statistical Reconstruction of the Black Population of the United States 1880-1970: Estimates of True Numbers by Age and Sex, Birth Rates, and Total Fertility." *Population Index* 39(1) (January):3-36.

- Coale, A. J., and M. Zelnik. 1963. *New Estimates of Fertility and Population in the United States: A Study of Annual White Births from 1855 to 1960 and of Completeness of Enumeration in the Censuses from 1880 to 1960*. Princeton, N.J.: Princeton University Press.
- Cochrane, S. H. 1980. "Educational Differentials in Mortality of Children." Paper presented at the annual meetings of the Population Association of America, 10-12 April 1980, Denver, Colo.
- Coit, H. L. 1893. *A Plan to Procure Cow's Milk Designed for Clinical Purposes*. Newark, N.J. Reprinted in part in Bremner 1971, pp. 867-69.
- Cole, W. A. and P. Deane. 1965. "The Growth of National Incomes." In H. J. Habakkuk and M. Postan, eds. *The Cambridge Economic History of Europe*, vol. 6, pt. 1, pp. 1-55. Cambridge: Cambridge University Press.
- Coleman, W. 1987. *Yellow Fever in the North: The Methods of Early Epidemiology*. Madison: University of Wisconsin.
- Comstock, A. 1883. *Traps for the Young*. Reissued by Belknap Press of Harvard University Press, 1967. Reprinted in part in Bremner 1971, pp. 226-28.
- Condran, G. A. 1980. "Ethnic Differences in Mortality in the Nineteenth Century: A Case Study of Philadelphia, 1880-81." Unpublished paper.
- . 1984. "An Evaluation of Estimates of Undernumeraation in the Census and the Age Pattern of Mortality, Philadelphia, 1880." *Demography* 21(1) (February):53-69.
- Condran, G. A., and R. A. Cheney. 1982. "Mortality Trends in Philadelphia: Age- and Cause-Specific Death Rates, 1870-1930." *Demography* 19(1) (February):97-123.
- Condran, G. A., and E. Crimmins-Gardner. 1976. "The United States Population in the Nineteenth Century: Mortality." Paper presented at the annual meetings of the Population Association of America, Montreal, Canada.
- . 1978. "Public Health Measures and Mortality in U.S. Cities in the Late Nineteenth Century." *Human Ecology* 6(1) (March):27-54.
- Condran, G. A., and E. Crimmins. 1979. "A Description and Evaluation of Mortality Data in the Federal Census: 1850-1900." *Historical Methods* 12(1) (Winter):1-23.
- . 1980. "Mortality Differentials between Rural and Urban Areas of States in the Northeastern United States, 1890-1900." *Journal of Historical Geography* 6(2):179-202.
- Condran, G. A., and Ellen A. Kramarow. 1990. "Low Child Mortality in the United States in the Early Twentieth Century: An Examination of a Jewish Immigrant Population." Unpublished paper, Population Studies Center, University of Pennsylvania.
- Condran, G. A., H. Williams, and R. A. Cheney. 1984. "A Decline in Mortality in Philadelphia from 1870 to 1930: The Role of Municipal Services." *The Pennsylvania Magazine of History and Biography* 108 (April):153-77.
- Conference on the Prevention of Infant Mortality. 1909. *Prevention of Infant Mortality*. Being the papers and discussions of a conference held at New

- Haven, Conn., November 11, 12, 1909, under the auspices of the American Academy of Medicine. American Academy of Medicine.
- Crandall, F. M., M.D. 1896. "Editor's Introduction." *Archives of Pediatrics* 13 (July).
- Crimmins, E., and G. A. Condran. 1983. "Mortality Variation in U.S. Cities in 1900: A Two-Level Explanation by Cause of Death and Underlying Factors." *Social Science History* 7(1) (Winter):31-59.
- Daley, A., and B. Benjamin. 1964. "London as a Case Study." *Population Studies* 17:249-62.
- Dart, H. M. 1921. *Maternity and Child Care in Selected Rural Areas of Mississippi*. U.S. Department of Labor Children's Bureau Rural Child Welfare Series, 5. Washington, D.C.: G.P.O.
- Davenport, C. B., and A. G. Love. 1921. *Statistics: Army Anthropology*, vol. 15, part 1, *The Medical Department of the United States Army in the World War*. Medical Department. U.S. Army. Washington, D.C.: G.P.O.
- Davis, K. 1973. "Cities and Mortality." International Union for the Scientific Study of Population. *International Population Conference: Liege, 1973* 3:259-82. Liege: IUSSP.
- Deane, P. 1979. *The First Industrial Revolution*. 2nd ed. Cambridge: Cambridge University Press.
- Demeny, P., and P. Gingrich. 1967. "A Reconsideration of Negro-White Mortality Differentials in the United States." *Demography* 4(2):820-37.
- Demos, J. 1986. *Past, Present and Personal: The Family and the Life Course in American History*. Oxford: Oxford University Press.
- Devine, E. T. 1909. "The Waste of Infant Life." In Conference on the Prevention of Infant Mortality, *Prevention of Infant Mortality*, pp. 95-112. Conference held in New Haven, Conn., under the auspices of the American Academy of Medicine.
- De Vries, J. 1984. *European Urbanization, 1500-1800*. Cambridge, Mass.: Harvard University Press.
- Dorn, H. F. 1959. "Mortality." In P. M. Hauser and O. D. Duncan, eds., *The Study of Population: An Inventory and Appraisal*, pp. 437-71. Chicago: University of Chicago Press.
- Douglas, P. H. 1930. *Real Wages in the United States, 1890-1926*. New York: Houghton Mifflin Company.
- Dublin, L. I., and G. W. Baker. 1920. "The Mortality of Race Stocks in Pennsylvania and New York." *Quarterly Publication of the American Statistical Association* 17(129):13-44.
- DuBois, W.E.B. 1899. *The Philadelphia Negro*. Reissued 1967. New York: Schocken Books.
- Duffy, J. 1967. "The Changing Image of the American Physician." *Journal of the American Medical Association* 200:136-40. Reprinted in Leavitt and Numbers 1978, pp. 131-37.
- . 1971. "Social Impact of Disease in the Late 19th Century." *Bulletin of the New York Academy of Medicine* 47:797-811. Reprinted in Leavitt and Numbers 1978, pp. 395-402.

- Duffy, J. 1974. *A History of Public Health in New York City, 1866-1966*. New York: Russell Sage Foundation.
- Durand, J. D. 1980. "Comment." In R. A. Easterlin, ed., *Population and Economic Change in Developing Countries*, Conference Report no. 30, Universities-National Bureau Committee for Economic Research, pp. 341-47. Chicago: University of Chicago Press.
- Dye, N. S. 1987. "Modern Obstetrics and Working-Class Women: The New York Midwifery Dispensary, 1890-1920." *Journal of Social History* 20:49-64.
- Dye, N. S., and D. B. Smith. 1986. "Mother Love and Infant Death, 1750-1920." *Journal of American History* 73:329-53.
- Dyehouse, C. 1979. "Working Class Mothers and Infant Mortality in England, 1895-1914." *The Journal of Social History* 12(2) (Winter):248-67.
- Easterlin, R. A. 1957. "State Income Estimates." In E. S. Lee, A. R. Miller, C. P. Brained, and R. A. Easterlin, *Population Redistribution and Economic Growth in the United States, 1870-1950*, vol 1, *Methodological Considerations and Reference Tables*, pp. 703-59. Philadelphia: American Philosophical Society.
- . 1960. "Interregional Difference in Per Capita Income, Population, and Total Income, 1840-1950." In *Trends in the American Economy in the Nineteenth Century*, pp. 73-140. National Bureau of Economic Research, *Studies in Income and Wealth*, vol. 24. Princeton, N.J.: Princeton University Press.
- . 1961. "Influences on European Overseas Emigration before World War I." *Economic Development and Cultural Change* 9(3) (April):331-49.
- . 1968. "Economic Growth: An Overview." *International Encyclopedia of the Social Sciences*, vol. 4: 395-408. New York: Macmillan.
- . 1977. "Population Issues in American Economic History: A Survey and Critique." In R. Gallman, ed., *Recent Developments in the Study of Business and Economic History: Essays in Honor of Herman E. Krooss*, pp. 131-58. Greenwich, Conn.: JAI Press.
- Eblen, J. E. 1974. "New Estimates of the Vital Rates of the United States Black Population during the Nineteenth Century." *Demography* 11(2) (May):301-19.
- Eldridge, H. T., and D. S. Thomas. 1964. *Population Redistribution and Economic Growth: United States, 1870-1950*. Vol. 3, *Demographic Analyses and Interrelations*. Philadelphia: American Philosophical Society.
- Elliot, E. B. 1857. "On the Law of Human Mortality That Appears to Obtain in Massachusetts with Tables of Practical Value Deduced Therefrom." *Proceedings of the American Association for the Advancement of Science*. Eleventh Meeting, Part A: 51-81.
- England and Wales. 1914. Registrar General. *Census of England and Wales*. 1911. Vol. 10, *Occupations and Industries*, part 2. London: H.M.S.O.
- . 1923. Registrar General. *Census of England and Wales, 1911*. Vol. 13, *Fertility of Marriage*, part 2. London: H.M.S.O.
- Ewbank, D. 1987. "History of Black Mortality and Health before 1940." *The Milbank Quarterly* 65, suppl. 1:100-128.

- Ewbank, D., and S. H. Preston. 1989. "Personal Health Behavior and the Decline in Infant and Child Mortality: The United States, 1900-30." Forthcoming in Proceedings of the Health Transition Workshop, Canberra, Australia, 15-19 May.
- Farley, R. 1970. *Growth of the Black Population: A Study of Demographic Trends*. Chicago: Markham.
- Ferguson, T. 1964. "Public Health in Britain in the Climate of the Nineteenth Century." *Population Studies* 17(3):213-24.
- Fisher, I. 1899. "Mortality Statistics of the United States Census." In American Economic Association, *The Federal Census: Critical Essays*, Publications of the American Economic Association, new series, no. 2, pp. 121-69. New York: Macmillan.
- . 1909. *Report on National Vitality, Its Wastes and Conservation*. Bulletin of the Committee of One Hundred on National Health. Prepared for the National Conservation Commission. Washington, D.C.: G.P.O.
- Fogel, R. W. 1986. "Nutrition and the Decline in Mortality since 1700: Some Additional Preliminary Findings." National Bureau of Economic Research, Working Paper no. 1802 (January).
- . 1988. "The Escape from Hunger and Early Death: Europe and America, 1750-2050." Unpublished manuscript.
- Fogel, R. W., S. L. Engerman, and J. Trussell. 1982. "Exploring the Use of Data on Height: The Analysis of Long-Term Trends in Nutrition, Labor Welfare and Labor Productivity." *Social Science History* 6(4) (Fall):401-21.
- Fogel, R. W., S. L. Engerman, R. Floud, R. A. Margo, K. Sokoloff, R. H. Steckel, J. Trussell, G. C. Villaflor, and K. W. Wachter. 1983. "Secular Changes in American and British Stature and Nutrition." *The Journal of Interdisciplinary History* 14(2) (Autumn):445-81.
- Fogel, R. W., S. L. Engerman, J. Trussell, R. Floud, C. L. Pope, and L. T. Wimmer. 1978. "The Economics of Mortality in North America, 1650-1910: A Description of a Research Project." *Historical Methods* 11(2):75-108.
- Forman, S. E. 1906. "Conditions of Living among the Poor." *Bulletin of the Bureau of Labor*, no. 64, pp. 593-698. Washington, D.C.: G.P.O.
- Forster, C., and G.S.L. Tucker. 1972. *Economic Opportunity and White American Fertility Ratios, 1800-1860*. New Haven: Yale University Press.
- Fox, E. G. 1919. "Rural Problems." In Chenery and Merritt 1974, pp. 186-94. Reprint of U.S. Department of Labor, Children's Bureau, *Standards of Child Welfare*, Report of the Children's Bureau of Conferences, May and June 1919. Bureau Publication no. 60. Washington, D.C.: Department of Labor.
- Frissell, H. B., and I. Bevier. 1899. *Dietary Studies of Negroes in Eastern Virginia in 1897 and 1898*. U.S. Department of Agriculture, Office of Experiment Stations Bulletin, 71. Washington, D.C.: G.P.O.
- Furstenberg, F. F., Jr., T. Hershberg, and J. Modell. 1975. "The Origins of the Female-Headed Black Family: The Impact of the Urban Experience." *Journal of Interdisciplinary History* 6(2):211-33.
- Galishoff, S. 1980. "Triumph and Failure: The American Response to the Urban Water Supply Problem, 1860-1923." In Melosi 1980, pp. 35-57.

- Ginsberg, C. 1983. "Sex-Specific Child Mortality and the Economic Value of Children in Nineteenth Century Massachusetts." Dissertation, University of California, Berkeley.
- Glass, D. V. 1964. "Some Indicators of Differences between Urban and Rural Mortality in England and Wales and Scotland." *Population Studies* 17(3):263-67.
- Glover, J. W. 1921. *United States Life Tables, 1890, 1901, 1910, and 1901-1910*. Washington, D.C.: G.P.O.
- Goldin, C. 1981. "Family Strategies and the Family Economy in Late Nineteenth Century: The Role of Secondary Workers." In Hershberg 1981, pp. 277-310.
- Goldin, C., and D. O. Parsons. 1987. "Industrialization, Child Labor, and Family Economic Well-Being." Unpublished manuscript.
- Goldsmith, J. R. 1980. "Mortality and Working Conditions in Industry." In Samuel H. Preston, ed., *Biological and Social Aspects of Mortality and the Length of Life*, pp. 173-98. Liege, Belgium: Ordina.
- Graff, H. J. 1979a. *The Literacy Myth: Literacy and Social Structure in the Nineteenth Century City*. New York: Academic Press.
- . 1979b. "Literacy, Education, and Fertility, Past and Present: A Critical Review." *Population and Development Review* 5(1) (March):105-35.
- Graham, S. 1980. *1900 Public Use Sample: User's Handbook*. Center for Studies in Demography and Ecology, University of Washington, Seattle, Wash. (July).
- Great Britain. 1909-1913. Board of Trade. "Report of an Enquiry by the Board of Trade into Earnings and Hours of Labour of Workpeople in the United Kingdom in 1906." House of Commons, Sessional Papers, cols. 4545, 4844, 5986, 5196, 5460, 5814, 6953, 6556. London: H.M.S.O.
- . 1913a. *Census of Ireland, 1911*. General Report, with Tables and Appendix. London: H.M.S.O.
- . 1913b. *Seventy-Fourth Annual Report of the Registrar General of Births, Deaths, and Marriages in England and Wales, 1911*. London: H.M.S.O. [Command Papers 6578.]
- Grossman, M. 1972. *The Demand for Health: A Theoretical and Empirical Investigation*. National Bureau of Economic Research, Occasional Paper no. 119. New York: Columbia University Press.
- Gutman, R. 1956. "The Accuracy of Vital Statistics in Massachusetts, 1842-1901." Ph.D. dissertation, Columbia University.
- Hadley, J. 1982. *More Medical Care, Better Health?* Washington, D.C.: The Urban Institute Press.
- Haines, M. R. 1977. "Mortality in Nineteenth Century America: Estimates from New York and Pennsylvania Census Data, 1865 and 1900." *Demography* 14(3) (August):311-31.
- . 1979a. "The Use of Model Life Tables to Estimate Mortality for the United States in the Late Nineteenth Century." *Demography* 16(2) (May):289-312.

- . 1979b. *Fertility and Occupation: Population Patterns in Industrialization*. New York: Academic Press.
- . 1979c. "Industrial Work and the Family Life Cycle, 1889–1890." *Research in Economic History* 4:289–356.
- . 1980. "Fertility and Marriage in a Nineteenth Century Industrial City: Philadelphia, 1850–1880." *The Journal of Economic History* 40(1) (March):151–58.
- . 1985. "Inequality and Childhood Mortality: A Comparison of England and Wales, 1911, and the United States, 1900." *The Journal of Economic History* 45(4) (December):885–912.
- . 1989a. "A State and Local Consumer Price Index for the United States in 1890." *Historical Methods* 22:97–105.
- . 1989b. "Consumer Behavior and Immigrant Assimilation: A Comparison of the United States, Britain, and Germany, 1889/90." National Bureau of Economic Research Working Paper Series on Historical Factors in Long Run Growth, Working Paper no. 6. Cambridge, Mass.: NBER.
- Haines, M. R., and B. A. Anderson. 1986. "Late Nineteenth Century Demography in the United States." Paper presented at the 1986 Conference of the Soviet-American Bilateral Committee on Quantitative History. New Orleans, La., 17–19 December.
- . 1988. "New Demographic History of the Late Nineteenth-Century United States." *Explorations in Economic History* 25(4):341–65.
- Hajnal, J. 1953. "Age at Marriage and Proportions Marrying." *Population Studies* 7(3) (November):111–36.
- Hamilton, A. 1909. "Excessive Child-bearing as a Factor in Infant Mortality." In Conference on the Prevention of Infant Mortality 1909, pp. 74–80.
- Handlin, O. 1973. *The Uprooted*. 2nd ed., enlarged. Boston: Little, Brown and Company.
- Hedger, C. 1909. "The Relation of Infant Mortality to the Occupation and Long Hours of Work for Women." In Conference on the Prevention of Infant Mortality 1909, pp. 32–41.
- Hempel, C. G. 1966. *Philosophy of Natural Science*. Englewood Cliffs, N.J.: Prentice-Hall.
- Henderson, C. R. 1901. *The Relief and Care of Dependent Children*. Boston. Reprinted in part in Bremner 1974, pp. 98–120.
- Hershberg, T., ed. 1981. *Philadelphia: Work, Space, Family, and Group Experience in the Nineteenth Century*. New York: Oxford University Press.
- Hershberg, T., A. Burstein, E. P. Ericksen, S. W. Greenberg, and W. L. Yancey. 1981. "A Tale of Three Cities: Blacks, Immigrants, and Opportunity in Philadelphia, 1850–1880, 1930, 1970." In Hershberg 1981, pp. 461–91.
- Hewitt, M. 1958. *Wives and Mothers in Victorian Industry*. London: Rockliff.
- Higgs, R. 1971. "Race, Skills and Earnings: American Immigrants in 1909." *The Journal of Economic History* 31(2) (June):420–28.
- . 1973. "Mortality in Rural America, 1870–1920: Estimates and Conjectures." *Explorations in Economic History* 10(2) (Winter):177–95.

- Higgs, R. 1977. *Competition and Coercion: Blacks in the American Economy, 1865-1914*. Cambridge: Cambridge University Press.
- . 1979. "Cycles and Trends of Mortality in Eighteen Large American Cities, 1871-1900." *Explorations in Economic History* 16(4) (October):381-408.
- Higgs, R., and D. Booth. 1979. "Mortality Differentials within Large American Cities in 1890." *Human Ecology* 7(4) (December):353-70.
- Hill, K., H. Zlotnik, and J. Durch. 1981. "Simple Procedures for Reducing the Effects of Age Errors on Indirect Demographic Estimation Techniques." Paper presented at the annual meetings of the Population Association, Washington, D.C.
- Hill, P. J. 1975. "Relative Skill and Income Levels of Native and Foreign Born Workers in the United States." *Explorations in Economic History* 12(1) (January):47-60.
- Hills, J. L. 1909. "Dietary Studies in Vermont Farmers' Families." In *Dietary Studies in Rural Regions*. U.S. Department of Agriculture Office of Experiment Stations Bulletin, no. 221, pp. 7-19. Washington, D.C.: G.P.O.
- Hobcraft, J. N., J. W. McDonald, and S. O. Rutstein. 1985. "Demographic Determinants of Infant and Early Child Mortality: A Comparative Analysis." *Population Studies* 39(3):363-85.
- Hoffman, F. L. 1896. *Race Traits and Tendencies of the American Negro*. Publications of the American Economic Association, vol. 11(1, 2, and 3):1-329. Published for the American Economic Association by the Macmillan Company, New York.
- Hollingsworth, T. H. 1964. "The Demography of the British Peerage." *Supplement to Population Studies*, vol. 18, part 2, pp. iv-108.
- Hollingsworth, J. R. 1981. "Inequality in Levels of Health in England and Wales, 1891-1971." *Journal of Health and Social Behavior* 22(3) (September):268-83.
- Hollopeter, W. C. 1906. "The Pediatric Outlook." *Transactions of the Section of Diseases of Children, American Medical Association*: 15-18. Reprinted in Bremner 1971, pp. 820-21.
- Holmes, G. K. 1907. *Meat Supply and Surplus, with Consideration of Consumption and Exports*. Department of Agriculture Bulletin, no. 55. Washington, D.C.: G.P.O.
- Holt, L. Emmett. 1896. *The Diseases of Infancy and Childhood for the Use of Students and Practitioners of Medicine*. New York: D. Appleton and Company.
- . 1897. "The Medical Report: A Survey of Ten Years' Work." *Babies Hospital of New York, Tenth Annual Report*: 34-40. Reprinted in Bremner 1971, pp. 832-36.
- Howard, W. T. 1924. *Public Health Administration and the Natural History of Disease in Baltimore, Maryland, 1797-1920*. Washington, D.C.: Carnegie Institution.
- Humphreys, N. A. 1887. "Class Mortality Statistics." *Journal of the Royal Statistical Society* 50, pt. 2 (June):255-92.
- Jacobi, A. 1889. *The Relations of Pediatrics to General Medicine*. *Transactions of*

- the American Pediatric Society*. Vol. 1, pp. 15-17. Reprinted in part in Bremner 1971, pp. 898-901.
- . 1890. "Introductory." In J. M. Keating, *Cyclopaedia*, vol. 1, pp. 7-10. Philadelphia. Reprinted in Bremner 1971, pp. 817-19.
- . 1909. "The Improvement of the Poor Sick Children: General Principles." In W. J. Robinson, ed., *Collectanea Jacobi*, vol. 6, pp. 349-53. New York. Reprinted in Bremner 1971, pp. 831-32.
- Jacobson, P. H. 1957. "An Estimate of the Expectation of Life in the United States in 1850." *Milbank Memorial Fund Quarterly* 35(2) (April):197-201.
- Johansson, S. R. 1987. "Neglect, Abuse, and Avoidable Death: Parental Investment and the Mortality of Infants and Children in the European Tradition." In R. J. Gelles and J. B. Lancaster, eds., *Child Abuse and Neglect: Biosocial Dimensions*, pp. 57-93. New York: Aldine De Gruyter.
- Johansson, S. R., and S. H. Preston. 1979. "Tribal Demography: The Hopi and Navaho Populations as Seen through Manuscripts of the U.S. Census of 1900." *Social Science History* 3(1):1-33.
- Johnson, R. C. 1978. "The 1900 Census Sampling Project: Methods and Procedures for Sampling and Data Entry." *Historical Methods* 11(4) (Fall):147-51.
- Kadin, M. L. 1982. "Modernization and the Social Inequality of Death in the United States, 1910-1970." Ph.D. dissertation, Department of Sociology, Brown University.
- Katz, M. B. 1986. *In the Shadow of the Poorhouse*. New York: Basic Books.
- Keyfitz, N., and W. Flieger. 1968. *World Population: An Analysis of Vital Data*. Chicago: University of Chicago Press.
- Kintner, H. J. 1982. "The Determinants of Infant Mortality in Germany from 1871 to 1933." Ph.D. dissertation, University of Michigan.
- . 1985. "Trends and Regional Differences in Breastfeeding in Germany from 1871 to 1937." *Journal of Family History* 20 (Summer):163-82.
- . 1987. "The Impact of Breastfeeding Patterns on Regional Differences in Infant Mortality in Germany, 1910." *The European Journal of Population* 3(2):1-29.
- Kiple, K. F., and V. H. King. 1981. *Another Dimension to the Black Diaspora: Diet, Disease, and Racism*. Cambridge: Cambridge University Press.
- Kitagawa, E. M., and P. M. Hauser. 1973. *Differential Mortality in the United States*. Cambridge, Mass.: Harvard University Press.
- Knodel, J., and E. van de Walle. 1967. "Breast Feeding, Fertility, and Infant Mortality: An Analysis of Some Early German Data." *Population Studies* 21(2) (September):109-31.
- . 1979. "Lessons from the Past: Policy Implications of Historical Fertility Studies." *Population and Development Review* 5 (June):217-45.
- Kobrin, F. E. 1966. "The American Midwife Controversy: A Crisis of Professionalization." *Bulletin of the History of Medicine* 40:350-63. Reprinted in Leavitt and Numbers 1978, pp. 217-25.
- Koplik, H. 1902. *The Diseases of Infancy and Early Childhood. Designed for the Use*

- of *Students and Practitioners of Medicine*. New York: Lea Brothers and Company.
- Kunitz, S. J. 1974. "Professionalism and Social Control in the Progressive Era: The Case of the Flexner Report." *Social Problems* 22(1):15-27.
- . 1983. "Speculations on the European Mortality Decline." *Economic History Review*, n.s. 36:349-64.
- . 1984. "Mortality Change in America, 1620-1920." *Human Biology* 56(3):559-82.
- . 1986. "Mortality since Malthus." In D. Coleman and R. Schofield, eds., *The State of Population Theory*, pp. 279-302. Oxford: Basil Blackwell.
- Kuznets, S. 1966. *Modern Economic Growth: Rate, Structure, and Spread*. New Haven: Yale University Press.
- Laurie, B., T. Hershberg and G. Alter. 1981. "Immigrants and Industry: The Philadelphia Experience, 1850-1880." In Hershberg 1981, pp. 93-119.
- Leavitt, J. W. 1979. "Politics and Public Health: Smallpox in Milwaukee, 1894-95." In S. Reverby and D. Rosner, eds., *Health Care in America: Essays in Social History*, pp. 84-101. Philadelphia: Temple University Press.
- . 1986. *Brought to Bed: Childbearing in America, 1750-1950*. New York: Oxford University Press.
- Leavitt, J. W., and R. L. Numbers, eds. 1978. *Sickness and Health in America: Readings in the History of Medicine and Public Health*. Madison: University of Wisconsin Press.
- Lebergott, S. 1964. *Manpower in Economic Growth: The American Record since 1800*. New York: McGraw-Hill.
- . 1976. "Are the Rich Getting Richer? Trends in U.S. Wealth Concentration." *The Journal of Economic History* 36(1) (March):147-62.
- Lentzner, H. R. 1987. "Seasonal Patterns of Infant and Child Mortality in New York, Chicago and New Orleans: 1870-1919." Dissertation, University of Pennsylvania.
- Letchworth, W. P. 1897. "Dependent Children and Family Homes." In *Proceedings of the National Conference of Charities and Corrections*, pp. 94-105. Reprinted in Bremner 1974.
- Lewi, M. J. 1902. "What Shall Be Done with the Professional Midwife?" *Transactions of the Medical Society of the State of New York*: 282-84. Reprinted in Bremner 1971, pp. 983-85.
- Lindenbaum, S. 1983. "The Influence of Maternal Education on Infant and Child Mortality in Bangladesh." Unpublished paper. International Centre for Diarrheal Disease Research, Bangladesh.
- Lindert, P. H. 1983. "Who Owned Victorian England?" *Agricultural History Center, Working Paper Series*, no. 12 (February). University of California, Davis.
- Logan, W.P.D. 1954. "Social Class Variations in Mortality." In United Nations, *Proceeding of the World Population Conference, Rome, 1954* 1:185-213.
- McCusker, J. J., and R. R. Menard. 1985. *The Economy of British America, 1607-1789*. Chapel Hill: University of North Carolina Press.
- McGouldrick, Paul F., and M. B. Tannen. 1977. "Did American Manufactur-

- ers Discriminate against Immigrants before 1914?" *The Journal of Economic History* 37(3) (September):723-46.
- McKeown, T. 1976. *The Modern Rise of Population*. New York: Academic Press.
- McKeown, T., and R. G. Brown. 1955. "Medical Evidence Related to English Population Changes in the Eighteenth Century." *Population Studies* 9(2) (November):119-41.
- McKeown, T., R. G. Brown, and R. G. Record. 1972. "An Interpretation of the Modern Rise of Population in Europe." *Population Studies* 26(3) (November):345-82.
- McKeown, T., and R. G. Record. 1962. "Reasons for the Decline of Mortality in England and Wales during the Nineteenth Century." *Population Studies* 16, pt. 2:94-122.
- McKinlay, J. B., and S. M. McKinlay. 1977. "The Questionable Contribution of Medical Measures to the Decline of Mortality in the United States." *Health and Society* 55 (Summer):405-28.
- Margo, R., and G. C. Villafor. 1987. "The Growth of Wages in Antebellum America: New Evidence." *Journal of Economic History* 47(4):873-95.
- Matthiesen, P. 1972. "Application of the Brass-Sullivan Method to Historical Data." *Population Index* 38(4):403-9.
- Maulitz, R. C. 1979. "Physician Versus Bacteriologist: The Ideology of Science in Clinical Medicine." In Vogel and Rosenberg 1979, pp. 91-107.
- Mayer, A. J., and R. V. Marks. 1954. "Differentials in Infant Mortality, by Race, Economic Level and Cause of Death, for Detroit: 1940 and 1950." *Human Biology* 26 (May):143-55.
- Meckel, R. A. 1985. "Immigration, Mortality, and Population Growth in Boston, 1840-1880." *The Journal of Interdisciplinary History* 15(3) (Winter):393-417.
- . 1990. *Save the Babies: American Public Health Reform and the Prevention of Infant Mortality, 1850-1929*. Baltimore: The Johns Hopkins University Press.
- Meech, L. S. 1898. *System and Tables of Life Insurance*. Rev. ed. New York: The Spectator Company.
- Meeker, E. 1972. "The Improving Health of the United States, 1850-1915." *Explorations in Economic History* 9(4) (Summer):353-73.
- . 1974. "The Social Rate of Return on Investment in Public Health, 1880-1910." *The Journal of Economic History* 34(2) (June):392-421.
- . 1976. "Mortality Trends of Southern Blacks, 1850-1910: Some Preliminary Findings." *Explorations in Economic History* 13(1) (January):13-42.
- . 1980. "Medicine and Public Health." In G. Porter, ed., *Encyclopedia of American Economic History*, vol. 3, pp. 1058-67. New York: Charles Scribner's Sons.
- Meeker, E., and R. Higgs. 1976. "Economic-Demographic Interactions and Trends in Black America, 1850-1910." Discussion Paper no. 76-3. Seattle, Wash.: Institute for Economic Research.
- Melosi, M. V., ed. 1980. *Pollution and Reform in American Cities, 1870-1930*. Austin: University of Texas Press.

- Mitchell, B. R., and P. Deane. 1971. *Abstract of British Historical Statistics*. Cambridge: Cambridge University Press.
- Modell, J., and T. K. Hareven. 1973. "Urbanization and the Malleable Household: An Examination of Boarding and Lodging in American Families." *Journal of Marriage and the Family* no. 35 (August):467-79.
- Moore, E. 1917. *Maternity and Infant Care in a Rural County of Kansas*. U.S. Department of Labor, Children's Bureau, Rural Child Welfare Series no. 1. Washington, D.C.: G.P.O.
- Morawetz, D. 1977. *Twenty-Five Years of Economic Development*. Baltimore: The Johns Hopkins University Press.
- Moriyama, I. M., and L. Guralnick. 1956. "Occupational and Social Class Differences in Mortality." *Trends and Differentials in Mortality*. New York: Milbank Memorial Fund.
- Morris, J. N., and J. A. Heady. 1955. "Social and Biological Factors in Infant Mortality—5. Mortality in Relation to Father's Occupation, 1911-1950." *The Lancet* (March 12):554-60.
- Morse, J. L. 1906. "The Protection of Infants and Young Children from Tuberculosis Infection." *Transactions of the National Association for the Study and Prevention of Tuberculosis*, pp. 624-26. Reprinted in Bremner 1971, pp. 890-92.
- Mosley, H. W. 1985. "Will Primary Health Care Reduce Infant and Child Mortality? A Critique of Some Current Strategies, with Special Reference to Africa and Asia." In J. Vallin and A. Lopez, eds., *Health Policy, Social Policy and Mortality Prospects*, pp. 103-38. Liege, Belgium: Ordina.
- Mosley, H. W., and L. Chen. 1984. "An Analytical Framework for the Study of Child Survival in Developing Countries." In W. H. Mosley and L. Chen, eds., *Child Survival: Strategies for Research*, pp. 25-48. New York: Cambridge University Press.
- Newsholme, A. 1913. *Second Report on Infant and Child Mortality*. 42nd Annual Report of Local Government Board, 1912-13. Supplement in Continuation of Report of the Medical Officer of the Board.
- North, C. E. 1921. "Milk and Its Relation to Public Health." In M. P. Ravenel, ed., *A Half Century of Public Health*, pp. 236-89. New York: Public Health Association American.
- Okun, B. 1958. *Trends in Birth Rates in the United States since 1870*. Baltimore: The Johns Hopkins University Press.
- Omran, A. R. 1971. "The Epidemiologic Transition: A Theory of the Epidemiology of Population Change." *Milbank Memorial Fund Quarterly* 49, pt. 1:509-38.
- Ovington, M. W. 1905. "The Negro Home in New York." *Charities* 15:25-26. Reprinted in Bremner 1971, pp. 18-19.
- Pagnini, D., and S. P. Morgan. 1988. "Intermarriage and Social Distance among U.S. Immigrants at the Turn of the Century." Unpublished manuscript, Population Studies Center, University of Pennsylvania.
- Pamuk, E. R. 1985. "Social Class Inequality in Mortality from 1921 to 1972 in England and Wales." *Population Studies* 39(1) (March):17-31.

- Paradise, V. I. 1919. *Maternity Care and the Welfare of Young Children in a Home-steading County in Montana*. U.S. Department of Labor, Children's Bureau, Rural Child Welfare Series no. 3: Washington, D.C.: G.P.O.
- Park, E. H., and E. Holt. 1903. "Report upon the Results with Different Kinds of Pure and Impure Milk in Infant Feeding in Tenement Houses and Institutions of New York City: A Cultural and Bacteriological Study." *Archives of Pediatrics* 20(12):881-909.
- Patterson, J. T. 1986. *America's Struggle against Poverty, 1900-1985*. Cambridge, Mass.: Harvard University Press.
- Pellegrino, E. D. 1979. "The Sociocultural Impact of Twentieth-Century Therapeutics." In Vogel and Rosenberg 1979, pp. 245-66.
- Peller, S. 1965. "Births and Deaths among Europe's Ruling Families since 1500." In D.V. Glass and D.E.C. Eversley, eds., *Population in History: Essays in Historical Demography*, pp. 87-100. London: Edward Arnold, Ltd.
- Pessen, E. 1973. *Riches, Class and Power before the Civil War*. Lexington, Mass.: D. C. Heath.
- Phelps, E. B. 1909. "Discussion." In Conference on the Prevention of Infant Mortality 1909, pp. 41-43.
- Phelps Brown, H. 1977. *The Inequality of Pay*. Berkeley: University of California Press.
- Pleck, E. 1978. "A Mother's Wages: Income Earning among Married Italian and Black Women, 1897-1911." In M. Gordon, ed., *The American Family in Socio-Historical Perspective*, pp. 490-510. New York: St. Martin's Press.
- Preston, S. H. 1975. "The Changing Relation between Mortality and Level of Economic Development." *Population Studies* 29(2) (July):231-48.
- . 1976. *Mortality Patterns in National Populations: With Special Reference to Recorded Causes of Death*. New York: Academic Press.
- . 1980. "Causes and Consequences of Mortality Declines in Less Developed Countries during the Twentieth Century." In R. A. Easterlin, ed., *Population and Economic Change in Developing Countries*, pp. 289-341. Conference Report no. 30. Universities-National Bureau Committee for Economic Research. Chicago: University of Chicago Press.
- . 1985. "Resources, Knowledge, and Child Mortality: A Comparison of the U.S. in the Late Nineteenth Century and Developing Countries Today." *Proceedings, International Population Conference, International Union for the Scientific Study of Population, Florence, Italy, 5-12 June 1985*. 4:373-88.
- . 1985. "Mortality and Development Revisited." *Population Bulletin of the United Nations* no. 18:34-40.
- Preston, S. H., and A. A. Farah. 1982. "Child Mortality Differentials in Sudan." *Population and Development Review* 8(2) (June):365-83.
- Preston, S. H., and M. R. Haines. 1984. "New Estimates of Child Mortality in the United States in 1900." *Journal of the American Statistical Association* 79(386):272-81.
- Preston, S. H., M. R. Haines and E. Pamuk. 1981. "Effects of Industrialization and Urbanization on Mortality in Developed Countries." In Interna-

- tional Union for the Scientific Study of Population, *International Population Conference, Manila, 1981: Solicited Papers*, vol. 2, pp. 233-54. Liege: IUSSP.
- Preston, S. H., N. Keyfitz, and R. Schoen. 1972. *Causes of Death: Life Tables for National Populations*. New York: Seminar Press.
- Preston, S. H., and A. Palloni. 1978. "Fine-Tuning Brass-type Mortality Estimates with Data on Ages of Surviving Children." In United Nations, *Population Bulletin of the United Nations*, no. 10-1977, pp. 72-91. New York: United Nations.
- Preston, S. H., and E. van de Walle. 1978. "Urban French Mortality in the Nineteenth Century." *Population Studies* 32(2):275-97.
- Ransom, R. L., and R. Sutch. 1977. *One Kind of Freedom: The Economic Consequences of Emancipation*. Cambridge: Cambridge University Press.
- Ravenel, Mazyck P. 1921. *A Half-Century of Public Health*. New York: American Public Health Association.
- Richmond, P. A. 1954. "American Attitudes towards the Germ Theory of Disease (1860-1880)." *Journal of the History of Medicine*: 428-54.
- Riis, J. 1890. *How the Other Half Lives*. New York: Charles Scribner's Sons.
- . 1892. *The Children of the Poor*. New York: Charles Scribner's Sons.
- Rochester, A. 1923. *Infant Mortality: Results of a Field Study in Baltimore, Maryland. Based on Births in One Year*. U.S. Children's Bureau Publication no. 119. Washington, D.C.: G.P.O.
- Rose, J. C. 1989. "Biological Consequences of Segregation." *Journal of Economic History* 49(2):351-60.
- Rosen, G. 1958. *A History of Public Health*. New York: MD Publications, Inc.
- Rosenberg, C. E. 1979. "The Therapeutic Revolution: Medicine, Meaning, and Social Change in Nineteenth-Century America." In Vogel and Rosenberg 1979, pp. 3-25.
- . 1987. *The Care of Strangers*. New York: Basic Books.
- Rosenkrantz, Barbara. 1972. *Public Health and the State: Changing Views in Massachusetts, 1842-1936*. Cambridge, Mass.: Harvard University Press.
- Rotch, T. M. 1891. "Iconoclasm and Original Thought in the Study of Pediatrics." *Transactions of the American Pediatric Society* 3:6-9. Reprinted in Bremner 1971, pp. 819-20.
- Rothstein, W. G. 1972. *American Physicians in the Nineteenth Century: From Sects to Science*. Baltimore: The Johns Hopkins University Press.
- Routh, G. 1965. *Occupation and Pay in Great Britain, 1906-60*. London: Cambridge University Press.
- Royster, Dr. 1924. "Discussion." *Transactions of the American Pediatric Society* 36:52. Reprinted in Bremner 1971, p. 976.
- Rubinstein, W. D. 1977. "Wealth, Elites, and the Class Structure of Modern Britain." *Past and Present* 76:99-126.
- Rutstein, S. O., A. E. Sommerfelt, and J. Schoemaker. 1988. "Who Uses Maternal and Child Health Services? Evidence from the Demographic and Health Surveys." Paper presented to the Expert Group Meeting on Child Survival Programs, Johns Hopkins University, Baltimore. 21-22 November 1988.
- Sanderson, W. 1978. "New Estimates of the Decline in the Fertility of White

- Women in the United States, 1800-1920." Formal memorandum, Center for Research in Economic Growth Memorandum no. 225. Department of Economics, Stanford University.
- Schmeltz, U. O. 1971. *Infant and Early Childhood Mortality among Jews of the Diaspora*. Jerusalem: Institute of Contemporary Jewry, The Hebrew University.
- Schultz, T. W. 1981. *Investing in People: The Economics of Population Quality*. Berkeley, Calif.: University of California Press.
- Schwartz, H. 1909. "Discussion." In Conference on the Prevention of Infant Child Mortality 1909, pp. 165-69.
- Sedgwick, W. T., and J. S. MacNutt. 1910. "On the Mills-Reincke Phenomenon and Hazen's Theorem Concerning the Decrease in Mortality from Diseases Other than Typhoid Following the Purification of Public Water-Supplies." *Journal of Infectious Diseases* 7(4):489-564.
- Seutemann, K. 1894. "Kindersterblichkeit sozialer Bevölkerungsgruppen, insbesondere Provinzen." In F. J. Neumann, ed., *Beiträge zur Geschichte der Bevölkerung in Deutschland seit dem Anfange dieses Jahrhunderts*, Band 5, pp. 1-167. Berlin.
- Shaftel, N. 1978. "A History of the Purification of Milk in New York, or, 'How, Now, Brown Cow?'" In Leavitt and Numbers 1978, pp. 275-91. Originally published in *New York State Journal of Medicine* 58 (1958):911-28.
- Shapiro, S., E. R. Schlesinger, and R.E.L. Nesbitt, Jr. 1968. *Infant, Perinatal, Maternal, and Childhood Mortality in the United States*. Cambridge, Mass.: Harvard University Press.
- Sherbon, F. B., and E. Moore. 1919. *Maternity and Infant Care in Two Rural Counties in Wisconsin*. U.S. Department of Labor, Children's Bureau, Rural Child Welfare Series no. 4. Washington, D.C.: G.P.O.
- Shryock, R. H. 1947. *The Development of Modern Medicine: An Interpretation of the Social and Scientific Factors Involved*. New York: Knopf.
- . 1957. *National Tuberculosis Association, 1904-54: A Study of the Voluntary Health Movement in the United States*. New York: National Tuberculosis Association.
- Smith, D. S. 1978. "A Community-Based Sample of the Older Population from the 1880 and 1900 United States Manuscript Censuses." *Historical Methods* 11(2) (Spring):67-74.
- . 1983. "Differential Mortality in the United States before 1900." *Journal of Interdisciplinary History* 13(4) (Spring):735-59.
- Smuts, R. W. 1959. *Women and Work in America*. New York: Columbia University Press.
- Starr, P. 1982. *The Social Transformation of American Medicine*. New York: Basic Books.
- Steckel, R. H. 1988. "The Health and Mortality of Women and Children, 1850-1860." *The Journal of Economic History* 47(2):333-45.
- Stocks, P. 1938. "The Effect of Occupation and its Accompanying Environment on Mortality." *Journal of the Royal Statistical Society* (London) 101, pt. 4:669-708.
- Stockwell, E. 1963. "A Critical Examination of the Relationship between So-

- cioeconomic Status and Mortality." *American Journal of Public Health* 53(6):956-64.
- Stolnitz, G. 1955. "A Century of International Mortality Trends: I." *Population Studies* 9:24-55.
- Stone, E. A. 1912. "The Midwives of Rhode Island." *The Providence Medical Journal* 13:58-59. Reprinted in Bremner 1971, pp. 988-89.
- Suliman, S. 1983. "Estimation of Levels and Trends of U.S. Adult Black Mortality during the Period 1870-1900." Dissertation, University of Pennsylvania.
- Sullivan, J. M. 1972. "Models for the Estimation of the Probability of Dying between Birth and Exact Ages in Early Childhood." *Population Studies* 26(1) (March):79-97.
- Swedlund, A. C. 1985. "Infant and Childhood Mortality in the Nineteenth Century United States: A View from Franklin County, Massachusetts." Paper prepared for Conference on the Health and Disease of Populations in Transition, Werner-Gren Foundation for Anthropological Research, 19-27 October, Santa Fe, New Mexico.
- Szreter, S. 1984. "The Genesis of the Registrar-General's Social Classification of Occupations." *The British Journal of Sociology* 35(4):522-46.
- . 1988. "The Importance of Social Intervention in Britain's Mortality Decline c.1850-1914: A Reinterpretation of the Role of Public Health." *Social History of Medicine* 1:1-37.
- Taeuber, C., and I. B. Taeuber. 1958. *The Changing Population of the United States*. New York: Wiley.
- Tanner, J. M. 1981. *A History of the Study of Human Growth*. Cambridge: Cambridge University Press.
- . 1982. "The Potential of Auxological Data for Monitoring Economic and Social Well-Being." *Social Science History* 6(4) (Fall):571-81.
- Tarr, J. A., J. McCurley, and T. F. Yosie. 1980. "The Development and Impact of Urban Wastewater Technology: Changing Concepts of Water Quality Control, 1850-1930." In Melosi 1980, pp. 59-82.
- Taylor, A. J., ed. 1975. *The Standard of Living in Britain in the Industrial Revolution*. London: Methuen.
- Tentler, L. W. 1979. *Wage-Earning Women: Industrial Work and Family Life in the United States, 1900-1930*. New York: Oxford University Press.
- Thompson, W. S., and P. K. Whelpton. 1933. *Population Trends in the United States*. New York: McGraw-Hill.
- Titmuss, R. M. 1943. *Birth, Poverty, and Wealth*. London: Hamish Hamilton Medical Books.
- Trussell, T. J. 1975. "A Re-estimation of the Multiplying Factors for the Brass Technique for Determining Childhood Survivorship Rates." *Population Studies* 29(1) (March):97-107.
- Trussell, J., and S. Preston. 1982. "Estimating the Covariates of Childhood Mortality from Retrospective Reports of Mothers." *Health Policy and Education* 3:1-43.
- United Nations. 1973. *The Determinants and Consequences of Population Trends:*

- New Summary of Findings on Interaction of Demographic, Economic, and Social Factors.* New York: United Nations.
- . 1982. *Levels and Trends of Mortality since 1950.* New York: United Nations.
- . 1983a. *Indirect Techniques for Demographic Estimation.* Manual X. New York: United Nations.
- . 1983b. *World Population Prospects as Assessed in 1982.* Population Division, unpublished printout (November). New York: United Nations.
- . 1985. *Socioeconomic Differentials in Child Mortality in Developing Countries.* Population Study no. 97. New York: United Nations.
- U.S. Bureau of the Census. 1886. *U.S. Census of Population: 1880.* Vol. 10, part 2, "Vital Statistics: Mortality." Washington, D.C.: G.P.O.
- . 1902a. *U.S. Census of Population: 1900.* Vol. 1, part 2, "Population." Washington, D.C.: G.P.O.
- . 1902b. *U.S. Census of Population: 1900,* Vol. 4, "Vital Statistics." part 2, "Statistics of Deaths." Washington, D.C.: G.P.O.
- . 1904. *United States Census, 1900.* Special Reports. "Occupations of the Twelfth Census." Washington, D.C.: G.P.O.
- . 1918. *Negro Population, 1790–1915.* Washington, D.C.: G.P.O.
- . 1943. *U.S. Census of Population: 1940.* "Differential Fertility, 1940 and 1910: Fertility for States and Large Cities." Washington, D.C.: G.P.O.
- . 1944. *Sixteenth Census of the United States: 1940 Population.* "Differential Fertility, 1940 and 1910: Standardized Fertility Rates and Reproduction Rates." Washington, D.C.: G.P.O.
- . 1945. *United States Census of Population: 1940.* "Population: Differential Fertility 1940 and 1910: Women by Number of Children Ever Born." Washington, D.C.: G.P.O.
- . 1966. *Long Term Economic Growth, 1869–1965: A Statistical Compendium.* Washington, D.C.: G.P.O.
- . 1971. *The Methods and Materials of Demography,* vols. 1 and 2. By H. S. Shryock, J. S. Siegel, and Associates. Washington, D.C.: G.P.O.
- . 1972. *U.S. Census of Population: 1970.* Vol. 1, part 1, section 1, "Number of Inhabitants: United States Summary." Washington, D.C.: G.P.O.
- . 1975. *Historical Statistics of the United States: Colonial Times to 1970.* Washington, D.C.: G.P.O.
- . 1979. *Twenty Censuses: Population and Housing Questions, 1790–1980.* Washington, D.C.: G.P.O.
- . 1980. *Social Indicators III: Selected Data on Social Conditions and Trends in the United States* (December). Washington, D.C.: G.P.O.
- U.S. Bureau of Labor, Department of Commerce and Labor. 1906. *Bulletin of the Bureau of Labor,* no. 65:1–368. Washington, D.C.: G.P.O.
- U.S. Commissioner of Labor. 1890. *Sixth Annual Report of the Commissioner of Labor, 1890.* Part 3, "Cost of Living." U.S. Congress, House of Representatives, House Executive Document 265, 51st Congress, 2nd session. Washington, D.C.: G.P.O.
- . 1891. *Seventh Annual Report of the Commissioner of Labor, 1891.* Part 3,

- "Cost of Living." U.S. Congress, House of Representatives, House Executive Document 232, 52nd Congress, 1st session. Washington, D.C.: G.P.O.
- . 1903. *18th Annual Report of the Commissioner of Labor*. "Cost of Living and Retail Prices of Food." Washington, D.C.: G.P.O.
- Usselding, P. 1976. "In Dispraise of Muckrakers: United States Occupational Mortality, 1890-1910." *Research in Economic History* 1:334-71.
- Usher, D. 1973. "An Imputation to the Measure of Economic Growth for Changes in Life Expectancy." In M. Moss, ed., *The Measurement of Economic and Social Performance*, pp. 193-232. New York: Columbia University Press.
- Vallin, J. 1979. "Socioeconomic Determinants of Mortality in Industrialized Countries." In United Nations/World Health Organization, *Proceedings of the Meeting on Socioeconomic Determinants and Consequences of Mortality*, pp. 19-25. El Colegio de Mexico, Mexico City, June 1979. New York: United Nations.
- Vinovskis, M. 1972. "Mortality Rates and Trends in Massachusetts before 1860." *The Journal of Economic History* 32(1) (March):184-213.
- . 1978. "The Jacobson Life Table of 1850: A Critical Re-examination from a Massachusetts Perspective." *Journal of Interdisciplinary History* 8(4) (Spring):703-24.
- , ed. 1979. *Studies in American Historical Demography*. New York: Academic Press.
- . 1981. *Fertility in Massachusetts from the Revolution to the Civil War*. New York: Academic Press.
- Vogel, M. J. 1979. "The Transformation of the American Hospital, 1850-1920." In S. Reverby and D. Rosner, eds., *Health Care in America: Essays in Social History*, pp. 105-16. Philadelphia: Temple University Press.
- . 1980. *The Invention of the Modern Hospital: Boston, 1870-1980*. Chicago: University of Chicago Press.
- Vogel, M. J., and C. E. Rosenberg, eds. 1979. *The Therapeutic Revolution: Essays in the Social History of American Medicine*. Philadelphia: University of Pennsylvania Press.
- Von Pirquet, C. 1909. "The Relation of Tuberculosis to Infant Mortality." In Conference on the Prevention of Infant Mortality 1909, pp. 25-29.
- Wait, C. E. 1909a. "Dietary Studies of Families Living in the Mountain Region of Eastern Tennessee." In *Dietary Studies in Rural Regions*, pp. 21-116. U.S. Department of Agriculture Office of Experiment Stations Bulletin no. 221. Washington, D.C.: G.P.O.
- . 1909b. "Discussion of American Rural Diets." In *Dietary Studies in Rural Regions*, pp. 137-42. U.S. Department of Agriculture Office of Experiment Stations Bulletin no. 221. Washington, D.C.: G.P.O.
- Ward, D. 1971. *Cities and Immigrants: A Geography of Change in Nineteenth Century America*. New York: Oxford University Press.
- Watterson, P. 1986. "The Role of the Environment in the Decline of Infant Mortality: An Analysis of the 1911 Census of England and Wales." *Journal of Biosocial Science* 18:457-70.

- . 1988. "Infant Mortality by Father's Occupation from the 1911 Census of England and Wales." *Demography* 25(2):289–306.
- Weber, A. F. 1899. *The Growth of Cities in the Nineteenth Century: A Study in Statistics*. New York: Macmillan Company.
- Wende, E. 1900. "Report on the Cause and Prevention of Infant Mortality." *Pediatrics* 9:101–9, 144–53, 177–85.
- Whipple, G. E. 1921. "Fifty Years of Water Purification." In M. P. Ravenel, ed., *A Half Century of Public Health*, pp. 161–80. New York: American Public Health Association.
- White, H. C. 1909. "Dietary Studies in Georgia." In *Dietary Studies in Rural Regions*, pp. 117–36. U.S. Department of Agriculture Office of Experiment Stations Bulletin no. 221. Washington, D.C.: G.P.O.
- White House Conference on Child Health and Protection. 1931. *Health Protection for the Preschool Child*. New York: The Century Company. Reprinted in part in Bremner 1971, pp. 1080–83.
- Wiebe, R. H. 1967. *The Search for Order: 1877–1920*. New York: Hill and Wang.
- Wile, I. S. 1909. "Educational Responsibilities of a Milk Depot." In Conference on the Prevention of Infant Mortality 1909, pp. 139–53.
- Williamson, J. G. 1982a. "Was the Industrial Revolution Worth It? Disamenities and Death in Nineteenth Century British Towns." *Explorations in Economic History* 19:221–45.
- . 1982b. "The Structure of Pay in Britain, 1710–1911." *Research in Economic History* 7:1–54.
- . 1984. "British Mortality and the Value of Life, 1781–1931." *Population Studies* 38(1) (March):157–72.
- . 1985. *Did British Capitalism Breed Inequality?* Boston: Allen and Unwin.
- Williamson, J. G., and P. Lindert. 1980. *American Inequality: A Macroeconomic History*. New York: Academic Press.
- Wilson, W. A. 1966. "On Mortality Trends by Occupation and Social Class." In *Official Documents . . . European Population Conference*. Strasbourg, 30 August–6 September 1966, vol. 1, p. 14. (CDE(66)C18).
- Winslow, C.E.A. 1909. "The Educational Session, Introductory Remarks by the Chairman." In Conference on the Prevention of Infant Mortality 1909, pp. 223–25.
- Wohl, A. S. 1983. *Endangered Lives: Public Health in Victorian Britain*. Cambridge, Mass.: Harvard University Press.
- Woodbury, R. M. 1925. *Causal Factors in Infant Mortality: A Statistical Study Based on Investigations in Eight Cities*. Washington, D.C.: G.P.O.
- . 1926. *Infant Mortality and Its Causes*. Baltimore: The Williams and Williams Company.
- Woods, R. 1985. "The Effects of Population Redistribution on the Level of Mortality in Nineteenth Century England and Wales." *Journal of Economic History* 45(3) (September):645–51.
- Woods, R., and J. Woodward, eds. 1984. *Urban Disease and Mortality in Nineteenth Century England*. New York: St. Martin's Press.

- Woods, R. I., and P.R.A. Hinde. 1987. "Mortality in Victorian England: Models and Patterns." *Journal of Interdisciplinary History* 17:62-85.
- Woods, R. I., P. A. Watterson, and J. H. Woodward. 1988. "The Causes of Rapid Infant Mortality Decline in England and Wales, 1861-1921, Part I." *Population Studies* 42(3):343-66.
- World Bank. 1980. *Poverty and Human Development*. New York: Oxford University Press.
- World Bank. 1984. *World Development Report 1984*. New York: Oxford University Press.
- World Health Organization. 1978. *Social and Biological Effects on Perinatal Mortality*. Vol. 1. Budapest: Statistical Publishing House.
- Wright, Gavin. 1986. *Old South, New South: Revolutions in the Southern Economy since the Civil War*. New York: Basic Books.
- Wrigley, E. A. 1961. *Industrial Growth and Population Change: A Regional Study of the Coalfield Areas of Northwest Europe in the Later Nineteenth Century*. Cambridge: Cambridge University Press.
- . 1969. *Population and History*. New York: McGraw-Hill.
- Yasuba, Y. 1962. *Birth Rates of the White Population of the United States, 1800-1860: An Economic Analysis*. Baltimore: The Johns Hopkins University Press.
- Zelnik, M. 1969. "Age Patterns of Mortality of American Negroes: 1900-02 to 1959-61." *Journal of the American Statistical Association* 64 (June):433-51.
- Zunz, O. 1982. *The Changing Face of Inequality: Urbanization, Industrial Development, and Immigrants in Detroit, 1880-1920*. Chicago: University of Chicago Press.