

Cambridge University Press

978-0-521-35765-4 - The Great Merger Movement in American Business, 1895-1904

Naomi R. Lamoreaux

Index

[More information](#)

## Index

- Adelman, M. A., 93  
 Addyston Pipe and Steel combination, 100  
*Addyston Pipe and Steel* decision, 109, 166  
 Amalgamated Association of Iron, Steel, and Tin Workers, 40  
 American Agricultural Chemical Company, 98  
 American Bicycle Company, 98  
 American Bridge Company, 84, 97  
 American Cereal Company, 36, 98, 102, 157  
 American Hide and Leather Company, 141  
 American Linseed Company, 155  
 American Malting Company, 141  
 American Sheet Steel Company, 83, 97  
 American Smelting and Refining Company, 155  
 American Steel and Wire Company of Illinois, 67n, 74–5, 76  
 American Steel and Wire Company of New Jersey, 58, 76, 83, 84, 134–5  
 American Steel Hoop Company, 83–4, 97  
 American Straw Board Company, 98  
 American Sugar Refining Company, 99, 123, 155, 156, 157, 165, 182  
 American Telephone and Telegraph Company, 156  
 American Thread Company, 141  
 American Tin Plate Company, 24, 41, 83, 104–5, 115, 134, 135, 155  
 American Tin Plate Company of Indiana, 14, 37, 40n, 41  
 American Tobacco Company, 114n, 157, 182  
*American Tobacco* decision, 159, 161, 173, 182  
 American Window Glass Company, 141, 156  
 American Wire Nail Company, 67  
 American Woolen Company, 98  
 Anaconda Copper Company, 155  
 antitrust laws, federal, *see* Clayton Antitrust Act; Sherman Antitrust Act  
 antitrust laws, state, 162–3, 169  
 Association of Tin Plate Makers of the United States, 14, 41  
 Baackes, Michael, 63  
 Baackes Wire Nail Company, 64, 66n, 67  
 Bain, Joe S., 111n, 183  
 Baltimore Iron, Steel, and Tinplate Company, 41n  
 barriers to entry, 37, 142, 145, 153, 160, 190, 194  
   early attempts to erect, 155–7  
   extent of problem, 183–6  
   government policy toward, 157–8, 161–2, 163, 175–6  
   *see also* United States Steel Corporation  
 Becker, William H., 27  
 Berlin Mills Paper Company, 127, 130–1, 132, 138, 140  
 Bethlehem Steel (Iron) Company, 57, 77n, 82, 83  
 bicycle industry, 28, 98, 102  
 Bork, Robert H., 160, 162, 174n, 179  
 Brewer, David J., 169  
 Brief, Richard P., 53–4  
 Brittan, Lewis, 75  
 Bullock, Charles J., 5–6  
 Burns, Arthur R., 52–3  
 Cambria Steel (Iron) Company, 57, 58, 77n, 82, 83  
 Campbell, James A., 176

Cambridge University Press

978-0-521-35765-4 - The Great Merger Movement in American Business, 1895-1904

Naomi R. Lamoreaux

Index

[More information](#)

## 204 Index

- capital-output ratio, 29, 30–1, 88–9,  
90–1, 94–6, 112
- Carnegie, Andrew, 11, 34, 37, 38, 64,  
66n, 67, 77, 78n, 80, 83
- Carnegie Company of New Jersey, 57n,  
83, 84
- Carnegie Steel Company, Ltd., 57, 58,  
82
- cast-iron pipe industry, 99, 101
- Census of Manufactures, 29, 88–93
- Chandler, Alfred D., Jr., 7, 8, 32, 92,  
102, 153–5, 157, 181, 187, 190, 191
- chemical industry, 101
- Chisholm, Hugh J., 89n, 114
- Cincinnati Barbed Wire Fence Company,  
76
- Clark, Edward, 187
- Clarke, Charles C., 123
- Clayton Antitrust Act, 159, 178
- Cleveland Rolling Mill Company, 70,  
75, 80n
- Cliff Paper Company, 56, 138, 140
- collusion, 15–16, 24–5, 27, 45, 52–3,  
107, 109, 116, 188, 189
- examples of, 14, 25–7, 41, 69–71,  
78–81, 82–3, 85–6, 100–1, 118–9,  
127–9, 135, 136–7, 138
- outlawed, 109, 162, 164, 166–7, 174,  
178, 180, 190–1
- Colorado Fuel and Iron Company, 77,  
78, 80n, 83
- Consolidated Steel and Wire Company,  
67n, 73, 74, 81
- consolidation movement, *see* merger  
movement, great
- cordage industry, 100, 182
- Cowles, David S., 31n, 89n
- Crowell, Henry Parsons, 19
- cut-nail industry, 63
- Daniels, F. H., 75
- Davis, Lance, 8
- Demsetz, Harold, 184–5
- difference-of-means test, 89–94
- discriminant analysis, 90n, 112–4
- Distilling and Cattle Feeding Company,  
99, 141, 156, 164, 175, 181–2
- dominant-firm strategy, 120–6, 129–31,  
133–4, 135–6, 141, 152–3, 181,  
189–90
- E. C. Knight* decision, 109, 165–6, 167,  
168, 179n
- Eastern Pig Iron Association, 24, 33n
- economies of speed, 32–3, 92, 145, 153,  
183, 184
- Edwards, Richard C., 192
- Empire Iron and Steel Company, 96
- Federal Steel Company, 83, 84
- Federal Trade Commission Act, 159,  
178
- Felton, E. C., 33
- fertilizer industry, 98, 101
- fixed-cost theory, 50–2, 99–100, 188
- criticized, 52–9
- modified, 59–62, 86, 87, 103, 116,  
187–9
- modified version tested, 87–96,  
112–14
- fixed costs
- effect of age of firm on, 59, 60, 139,  
189
- estimated, 88–9, 140
- failure to account adequately for, 53–  
4, 103–6
- as incentive to run full, 31–2, 50–2,  
84, 99–100, 126, 188–9
- proportion in total costs, 30–1
- urgency of, 55–9
- Flambeau Paper Company, 55
- Frick, Henry Clay, 57, 83
- Fuller, Melville W., 166, 167, 168, 179n
- Gary, Elbert H., 118, 137, 146n, 153,  
176, 177n, 193
- Gary dinners, 118, 136, 138
- Gates, John W., 11, 34, 73, 75, 76, 81
- General Electric Company, 156
- glass industry, 98, 100, 101, 103, 122
- glucose industry, 28, 98
- Glucose Sugar Refining Company, 98,  
141
- Gould Paper Company, 138, 140

Cambridge University Press

978-0-521-35765-4 - The Great Merger Movement in American Business, 1895-1904

Naomi R. Lamoreaux

Index

[More information](#)

## Index

205

- Grand Crossing Tack Company, 67n  
 Great Northern Paper Company, 55,  
   127, 129, 130, 131, 138, 140  
 Greer, George, 104  
 Griffiths, W. H., 104  
 Gunpowder Trade Association, 101n
- H. P. Nail Company, 64, 67n, 74  
 hardware industry, 27  
 Harlan, John M., 167, 174, 180n  
 Hastings, Arthur C., 56, 89n  
 Hepburn, William P., 170, 178  
 Hepburn bill, 170-3  
 Herkimer Paper Company, 106-7  
 Hill, James J., 146  
 Holmes, Oliver Wendell, Jr., 167, 168,  
   169, 177n
- I. M. Singer Company, 8, 187  
 Illinois Steel Company, 34, 57, 67n,  
   77n, 80, 81, 83, 134-5  
 incorporation power, federal, 169-73,  
   178, 186, 190  
 incorporation power, state, 162-9, 190  
 Ingram, William A., 33n  
 International Paper Company, 44, 54,  
   106, 114-15, 135, 136, 155, 157  
   competitive strategy, 127-34  
   market share, 126-7, 130-1, 132-3,  
   141  
   and monopoly power, 119, 127-9,  
   138  
   motives for formation, 105-7  
   production costs, 139-41  
   profits, 130n, 133, 142  
 International Silver Company, 110, 141
- Jay Paper Company, 107  
*Jellico Mountain Coal* decision, 164,  
   175  
 Jenks, Jeremiah W., 6n, 110n, 171  
 John Hamilton and Company, 19, 22  
 Johnson Steel Company, 80n, 82  
*Joint Traffic* decision, 166
- Kennedy, Julian, 33, 39, 97  
 Knowlton, G. W., 32, 56, 60
- Kolko, Gabriel, 159-60, 162, 169, 171,  
   179
- L. L. Brown Paper Company, 35  
 Lackawanna Iron and Steel Company,  
   57, 58, 77n, 82, 83  
 leather industry, 100, 101, 182  
 Lee, Susan Previant, 9  
 linseed-oil industry, 29, 101, 182  
 Lisbon Falls Fibre Company, 138, 140  
 Livermore, Shaw, 141-2  
 Livesay, Harold C., 29  
 logit analysis, 94-6, 113n
- McCurdy, Charles W., 165  
 McElwain, J. S., 28  
 McKenna, Joseph, 177  
 McNair, Clarence L., 56  
 malt industry, 101  
 Mariger, Randall, 121-2  
 Markham, Jesse W., 2n, 7-8, 88n, 108  
 Martin, Frederick Roy, 131  
 Maryland Steel Company, 80n  
 meatpacking industry, 28  
 merger movement, great, 1-5, 159, 166  
   effect on competition, 116-17, 119-  
   21, 133-4, 136, 138-9, 152-3, 157-  
   8, 180-1, 183-6, 189-90, 191, 193-4  
   explanations of, 6-8, 45, 87, 103-4,  
   105, 107-14, 116, 187-9  
   and industrial concentration, 2-5,  
   124, 126-7, 133, 134-5, 139, 141-2,  
   149-52, 153, 189-90  
   quantitative analysis of, 87-96, 112-  
   14, 141-2, 154-5  
   reaction to, 5, 159, 166, 186, 190  
   role of promoters in, 107-8, 114-16  
 Meurer Brothers Company, 19, 22-3  
 Moody, John, 2n, 102  
 Moore, William H., 41, 115  
 Morgan, J. P., 73
- N. and G. Taylor Company, 19, 22-3  
 National Biscuit Company, 115, 154,  
   157, 181  
 National Civic Federation, 170  
 National Cordage Company, 141, 155

Cambridge University Press

978-0-521-35765-4 - The Great Merger Movement in American Business, 1895-1904

Naomi R. Lamoreaux

Index

[More information](#)

## 206 Index

- National Starch Manufacturing Company, 99
- National Steel Company, 58, 83, 84, 96
- National Tube Company, 84, 97
- Nelson, Ralph L., 7, 87, 88n, 109-11
- New Castle Wire Nail Company, 67, 74, 75
- New Economic History, 9-10, 190, 191
- New York Times, The*, 129, 131-2
- newsprint industry, 18, 31, 45, 46, 47, 60, 114-15, 118, 138, 152, 188
- collusion, 119, 127-9, 134, 138
- competition, 44-5, 105-7, 126, 130-4
- economies of scale, 42-3
- economies of speed, 32
- failures, 44, 105-7
- firms evenly matched, 41-5
- growth of, 41-2, 126-7, 128, 130
- methods of finance, 55-6
- prices, 26, 126, 131-2
- production costs, 140
- profits, 105-7, 132
- running full, 32, 56, 106
- technological developments, 28, 41, 43, 97, 139-40
- vertical integration, 31, 32, 44
- non-ferrous metals industry, 29, 100, 155, 159, 183
- Norris, John, 32n, 61n, 106
- Northern Securities Company, 159, 166, 168
- Northern Securities* decision, 166-9, 174, 180n
- Northwest Paper Company, 55
- oatmeal industry, 18, 36, 98, 100, 102
- Ohio Steel Company, 80n, 82
- Oliver Wire Company (Oliver and Roberts), 67, 74
- Ontario Paper Company, 60
- Oswego Falls Pulp and Paper Company, 127
- Parks, John H., 69
- Parsons Paper Company, 17, 26, 28
- Passell, Peter, 9
- Pejebscot Paper Company, 126, 138, 140
- Pennsylvania Steel Company, 33, 57, 77n, 82, 83
- petroleum industry, 17, 29
- Piercefield Paper and Mining Company, 107
- pig-iron industry, 32-3, 84, 144, 149
- collusion, 24, 27
- prices, 19-22, 24
- product differentiation, 17, 19-22, 23-4, 34-5
- shutdowns and curtailments, 23
- Pitcairn, John, 103, 122
- Pittsburgh Plate Glass Company, 98, 103, 122
- Pittsburgh Wire Company, 67, 70, 74, 75, 76
- Plummer, John D., 131
- Pope, A. A., 102
- Porter, Patrick G., 29
- Pratt, Joseph A., 163
- Premier Steel Company, 40n, 80n
- product differentiation, 16-27, 34-7, 154, 157, 183, 191, 193
- Quaker Oats Company, *see* American Cereal Company
- Rail Association, 78, 80-1, 85
- Reid, Daniel G., 14, 104, 115
- Remington-Martin Paper Company, 55, 138, 140
- Republic Iron and Steel Company, 96
- Roosevelt, Theodore, 157-8, 159, 160, 166, 169-70, 171, 172
- Royal Baking Powder Company, 157
- rubber industry, 100, 101
- rule of reason, 173-5, 178, 180, 183, 186, 190-1
- Rumford Falls Paper Company, 105-6
- St. Regis Paper Company, 55, 127, 132, 138, 140
- Salem Wire Nail Company, 67n, 73-4
- salt industry, 54, 101
- Schroeder, Gertrude, 147
- Schumacher, Ferdinand, 36, 98, 102
- Schwab, Charles M., 146-7

Cambridge University Press

978-0-521-35765-4 - The Great Merger Movement in American Business, 1895-1904

Naomi R. Lamoreaux

Index

[More information](#)

## Index

207

- Sherman Antitrust Act, 107, 109, 159, 164, 165, 166, 167, 168, 169, 170, 171, 172, 174, 175, 181, 192
- Singer, Isaac Merritt, 187
- Smith, Adam, 15, 25, 187
- Standard Oil Company, 122, 159, 163, 182
- Standard Oil* decision, 159, 173, 175
- starch industry, 17, 18, 99, 182
- steam-pump industry, 101
- steel industry (crude), 28, 38, 52, 62, 87, 96, 97, 149, 194
- collusion, 38, 78, 80, 82-3, 84-6, 118, 136-7, 176, 189
- competition, 80-2, 85-6
- economies of speed, 32-3, 84
- growth of, 76-7, 85
- methods of finance, 56-8
- prices, 78-9
- production costs, 143-4
- running full, 33-4, 84
- vertical integration, 32-3, 38, 83, 84, 144-7
- steel-rail industry, *see* steel industry (crude)
- steel-wire industry, 62, 67n, 86, 87, 107, 188
- absence of economies of speed, 84
- collusion, 69-71, 85, 118, 135, 136-7
- competition, 66-9, 71-6, 85, 135-6
- concentration, 74-5, 76, 134-5, 152
- failures, 64, 150-1
- firms evenly matched in, 67n
- growth of, 63, 64, 70, 73, 85, 134-5, 150-1
- prices, 63-5, 68, 69, 71, 72, 74-6, 118, 137, 148
- production costs, 68, 72, 143-4
- profits, 72-3, 75-6
- running full, 66-8, 71, 84
- technological developments, 28, 62-3, 97
- vertical integration, 63, 84
- Steele, George F., 89n
- Stevenson, John, Jr., 75, 105
- Stigler, George J., 42, 121-2
- straw-board industry, 98, 182
- sugar industry, 36, 99, 100, 101, 102, 123, 159, 165-6
- survivor test, 42
- Susquehanna Iron and Steel Company, 96
- Swift, Gustavus, 187
- Swift and Company, 8, 187
- Taft, William Howard, 159
- Taylor, Nathan, 35
- Tennessee Coal, Iron and Railroad Company, 147n, 158
- textile industry, 98, 100, 101
- Thomas Iron Company, 23, 24
- Thurber, F. B., 123
- tin-plate industry, 27, 47, 107, 188
- absence of economies of scale, 39
- collusion, 14-15, 24, 27, 118, 136-7
- competition, 14-15, 41, 60-1, 105, 115, 135-6
- concentration, 115, 134, 152
- failures, 41, 151
- firms evenly matched in, 39-41, 42
- growth of, 39, 134, 150-1
- prices, 14-15, 19, 118, 137, 148
- product differentiation, 19, 22-3, 36-7
- production costs, 143-4
- profits, 104, 115
- running full, 45, 105
- shutdowns and curtailments, 22, 41, 135
- tariffs, 29, 39, 97
- technological developments, 40
- vertical integration, 39, 147, 149
- Tin Plate Manufacturers' Association, 14, 24, 41
- tobacco industry, 28, 114n, 182
- Trans-Missouri Freight* decision, 166
- Union Bag and Paper Company, 130
- United Shoe Machinery Company, 155
- U.S. Cast Iron Pipe and Foundry Company, 100
- United States Envelope Company, 141
- United States Leather Company, 141
- United States Rubber Company, 156, 182

Cambridge University Press

978-0-521-35765-4 - The Great Merger Movement in American Business, 1895-1904

Naomi R. Lamoreaux

Index

[More information](#)

## 208 Index

- United States Steel Corporation, 96, 104–5, 138, 153
  - barriers to entry, 145, 149–51, 153, 176, 186
  - collusion, 118, 135, 136–7, 176, 177n
  - competitive strategy, 121, 135–7, 176, 180
  - control of raw materials, 145–9, 153, 158, 162, 176, 180, 186
  - dissolution suit, 158, 159, 161–2, 176–7, 180
  - market shares, 134–5, 152, 176
  - organization of, 83–4
  - production costs, 142–4
  - profits, 149
  - vertical integration, 144–5, 176
- United States Steel* decision, 158, 159, 161–2
- vertical integration, 29–30, 32, 91–93, 94n, 153–5, 157, 161–2, 175, 183, 191
  - see also* newsprint industry; steel industry (crude); steel-wire industry; tin-plate industry; United States Steel Corporation
- Virginia-Carolina Chemical Company, 98
- Virginia Iron, Coal and Coke Company, 96
- Warwick Iron Company, 23
- Washburn and Moen Manufacturing Company, 70, 74, 75–6
- Washington Steel and Tin Plate Mills, 104
- Westinghouse Electric Company, 156
- Weston, Byron, 35
- whiskey industry, 17, 99, 100, 101, 123
- White, Edward Douglass, 161, 167–8, 173–5, 177n
- Williamson, Jeffrey G., 9–10
- Wilson, Woodrow, 159
- wire-nail industry, *see* steel-wire industry
- Wire-Nail Association, 69–71, 100
- Wolff, R. H., 72n
- writing-paper industry (including ledger paper)
  - collusion, 25–7
  - failures, 26
  - prices, 17–18, 26
  - product differentiation, 16–18, 19, 35
  - shutdowns and curtailments, 25–6, 27
- Youngstown Sheet and Tube Company, 176