

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

Volume Title: Business Cycles and Unemployment

Volume Author/Editor: Committee of the President's Conference on Unemployment, and a Special Staff of the National Bureau

Volume Publisher: NBER

Volume ISBN: 0-87014-003-5

Volume URL: <http://www.nber.org/books/comm23-1>

Publication Date: 1923

Chapter Title: Index

Chapter Author: President's Conference on Unemployment

Chapter URL: <http://www.nber.org/chapters/c4679>

Chapter pages in book: (p. 393 - 407)

INDEX

A

Abbott, Grace, effect of unemployment on health, 105
Aberthaw Construction Co., building, seasonal work in, 192
labor force for, 194
Acknowledgments, general, by Ber-ridge, 43
Federated Amer. Eng. Soc., 378
Harrison, 272
King, 81
Mallory, 233
Natl. Bur. of Econ. Res., 3
Rice, 101
Stone, 123
Thompson, 169
Adams, T. S., acknowledgment of services of, 3
comments on Chapter III, 32, 38
on Chapter XVIII, 302, 340
reference to Chapter XV by, 114
Advertising, annual fluctuation (Chart 20), 124
costs, 125, 128
during depression, 123, 125, 127
monthly fluctuation (Chart 19), 124
production stabilized by, 123-6
Agriculture, statistics of employment, 355
hours worked by employees in, 86; (Table XVIII), 87
Alameda, Cal., public works, 258
Altmeyer, A. J., employment index, 54
Amalgamated Carpenters, out-of-work benefit plan, 295; (Table XLIII), 297
American Assn. for Labor Legis., acknowledgment to, 3
advocate of Kenyon bill, 248
American Civic Assn., city planning, 257
American Federation of Labor, advocate of Kenyon bill, 248, 284
American Institute of Architects, city planning, 257

American Railway Engineering Assn., seasonal fluctuations in railway employment, 227
American Society for Municipal Improvements, city planning, 257
American Statistical Assn., Committee on Employment Statistics, advisory capacity in preparing Chapter XIX, 345
members, 345
suggestions, 357-8
Andrews, J. B., acknowledgment of services of, 3
reference to Chapter XVII by, 115
Army personnel, period of war, 57; (Chart 7), 58
Assets, conservation of, 146
Associated General Contractors of America, advocates of Kenyon bill, 248
Associates for Government Service, Inc., state and municipal purchasing, 255
Australia, business cycles in, 6
Austria, business cycles in, 5
Automobiles, effect of selling price on sales of (Chart 27), 146
Ayres, Leonard C., labor cost in building, 182

B

Babson's Statistical Organization, 365-6
Baltimore, Md., public works, 242
Bank credit, control of, 262-7
adjusting discount rates, 263
increasing sensitiveness of deposit-reserve ratios, 265
raising legal reserve against notes, 264
Barometers, business (*see* Forecaster).
Baxter Bros., building repair in slack times, 195
Belgium, public works, 240
Bell Telephone Companies, planning ahead for depression, 191

- Benefits, out-of-work, trade union, 293-301 (*see also* Unemployment insurance).
- Bently & Sons Co., A., building during depression, 197
- Berridge, W. A., reference to Chapter IV by, 10, 78
- Beveridge, W. H., central employment office, 290
- Board of Trade employment bureaus, 280
- Boot and shoe establishment, earnings and number employed (Chart 28), 147; (Chart 33), 154
- Booth, Charles, on selective unemployment, 99
- Boulder canyon dam, Arizona, public works, 246, 252
- Bowley, A. L., public works, 237
- Boyd, D. Knickerbacker, builders' exchange, 199
- Bradford, E. S., reference to Chapter XII by, 114
- Bridgeport, Conn., public works, 242
- Brissenden, P. F., 44
- Brookmire Economic Service, 366-8
- Budget, value of, 139
- Buell, J. B., 272
- Buffalo, N. Y., public works, 242
- Builders' exchanges, purpose of, 199
- Building, additions, alterations and repairs, 176; (Table XXV), 178
contracts awarded (Chart 44), 177
construction costs, 183; (Table XXVIII), 184
costs, 182; (Chart 45), 183
index of (Table XXIV), 175, 182; (Table XXVIII), 184
definition, 174
education of public regarding, 199
financing, 184
increase of population and value of (Chart 43), 175
industry, the, 174-9
material industries, 179-85
permits, value of (Chart 42), 174; (Table XXIV), 175
prices of materials (Chart 45), 183
program of Dennison Mfg. Co. (Chart 22), 131
projects contemplated (Chart 44), 177
Public Commission, municipal public works of federal government, 252, 260
- Building, rents, 183; (Table XXVIII), 184
sources of information on, 177
stabilizing, 174-200
methods of, 189-200
standardizing materials, 198
statistics, 199
study of market, 199
trades, unemployment, 185-89; (Chart 46), 186; (Chart 47), 187
value, 1910-1921; (Table XXV), 178
volume of, 174-5
wage rates (Chart 45), 183
- Buildings, as public works, 246
kinds of, 179; (Table XXVI), 180
purposes, 178-9
- Bureau of Railway Economics, acknowledgment to, 3
data furnished by, 81
- Bureaus, employment, employer's, 280
fee-charging, 283
number placed, 286
philanthropic, 282
professional, 281
public, 283-5
trade union, 281
types, 273
- Business Barometer Dial, 368
- Business conditions, indexes of, 361-77
statistics available, 361-72
lacking, 372-3
- Business cycles, adjusting banking to, 268
commitments adjusted to, 269
diversity among industries and enterprises, 19-31; (Tables I and II), 21, 23
financial devices for mitigating, 262-71
losses from, 32-40
nature of, 5-7
phases of, 6-18
recent books on, 7
relation of railway purchases to, 224, 228
- Buying, according to cycle, 127
power and employment cycles, 64-5 (*see also* Purchasing).

C

- Cadbury Bros., Ltd., unemployment insurance scheme, 308
- California, Board of Control, public works guidance, 254, 260
- Canada, business cycles in, 6
public works, 240

- Cancellation of orders, economic consequences, 173
 legal aspect, 170
 prevalence in 1920-1921, 171
 problem of, 170-3
- Carnegie Corporation, acknowledgment to, 3
- Charting the course of employment, 342-60
- Charts, value of graphic, 36-7
- Chicago, Ill., public works, 242
- Cigar Makers Union, out-of-work benefits, 294, 295; (Table XLIII), 297, 298
- Cincinnati, Ohio, labor turnover study in, 286
- City Managers' Assn., city planning, 257
- City planning, 256-9
 advocates of, 257
- Clark, J. Maurice, 13
- Cleveland, Ohio, labor turnover study in, 286
 trade union bureaus, 281
- Clothing industry, stabilizing production in, 116-33
- Coal Hoisting Engineers, out-of-work benefits, 294
- Coal mines, bituminous, days in operation, 69, 71
- Coal used by railroads, 210
- Columbus, Ohio, Mayor's Unemployment Committee, 68
 public works, 242
- Commitments, adjusted to business cycle, 269
- Commodities, peak months, 1919-1922; (Table IV), 26-7; (Table V), 29
 percentage declines, 1919-1922 (Table VI), 30
 percentage rises and declines, 1913-1922 (Table III), 24
 statistical position, knowledge of, 163
- Commodity prices, fluctuation in individual, 23-7
 statistics, collection of, 373
- Connecticut, per cent of wage-earners in mfg. in (Table X), 45
- Construction, prevalence of long-range planning, 384-6
 railway, 225
 work as a balance wheel, 114 (*see also* Building).
- Contracting close to cost, 194
- Contracts, types that tempt cancellation, 172
- Contributions to insurance fund, sources, 309-11
- Cooley, Edwin J., effect of unemployment on number of court cases, 102
 on commitment of children, 106
- Credit, bank, control of, 262-7
 adjusting discount rates, 263
 increasing sensitiveness of deposit-reserve ratios, 265
 raising legal reserve against notes, 264
- Credit, bank, condition of business enterprises, data on, 373
 control of granting, 267-9
 adjusting to cycle, 268-9
 raising tests, 268
 expansion during prosperity, 11
 policy during phases of business cycle, 132
 supply, 263
 tests during expansion, 268
- Crisis, bred by prosperity, 10-15
 cause of, 114
 description, 15
 regularity, 6
 variation in, 6, 16
 years of, in U. S., 5
- Crop Reporters, questionnaires filled out by, 81
- Curtis Publishing Company, magazine advertisers spending over \$10,000 per annum, 125
- Customers, service to, during prosperity, 154
- Cycles, employment and buying power, 64
 employment and public works, 233-6
 employment, forecasting, 65-6
 index, 49-57
 since 1914, 57-9
- Cyclical fluctuations, prevention in textile, clothing and novelty industries, 120-32
 railway activities, 218-20
 under-employment, data on, 76
 unemployment, checked by public works, 233-6
- Czecho-Slovakia, public works, 240

D

- Day, Edmund E., index of production, 35; (Chart 8), 60

- Days in operation, a measure of under-employment, 69; (Table XIV), 76
- Dayton, Ohio, public works, 242
- Deering, Milliken Co., unemployment insurance scheme, 337
- Delaware and Hudson Co., unemployment insurance scheme, 338
- Demand, elasticity of, 121
- Demobilization, effect on industrial situation, 58-9
- Dennison Manufacturing Co., advertising policy, 126
buying (Chart 21), 128
credit policy, 132
cyclical fluctuation prevented, 120, 122-3
plant construction, 130; (Chart 22), 131
regulating inventories, 128
seasonal production stabilized, 118-9
selling expense, 126
unemployment insurance scheme, 337
- Department store, employment in (Charts 40 and 41), 167-8
index numbers of monthly sales (Charts 35-38), 158-60
peak month of sales (Table VII), 30
sales, purchases and inventories in a (Chart 39), 166
- Deposit-reserve ratios of Federal Reserve Banks, 265-7
- Depression, administrative policies used during, 149
advertising during, 125, 167
description of, 16-8
industries affected most by, 98
labor policy for, 156
manufacturers' policies during, 145-57
for prevention of, 136-45
methods of meeting, in building trades, 189-91
minimizing effects of, in retail stores, 161-3
numbers employed in a large establishment during, 97
per cent of employment decline from boom to (Table XI), 59
relief of workmen during, 386
stabilizing by building during, 191
- Detroit, Mich., labor turnover study, 286
public works, 242
- Deutsch-Amerikanische Typographia, out-of-work benefits, 294, 295; (Table XLIII), 297
- Diamond Workers' Protective Union of America, out-of-work benefit, 294; (Chart 55), 296; (Table XLIII), 297, 299
- Director's footnotes, Adams, T. S., 32, 38, 302, 340
Ingalls, W. R., Prefactory note, xxxix
Laidler, H. W., 232, 283
Roberts, G. E., Prefactory note, xxxix
Rorty, M. C., 97, 189, 200, 231
Shaw, A. W., 246
- Discount rates, adjusting, 263
raising, 262
- Discounts, purchase, 165
- Distribution of wage-earners, geographical (Table X), 45
- Dodge Company, F. W., building projects contemplated in 50 cities (Chart 44), 177
figures used by Dept. of Commerce, 361
public works figures, 241, 243
- Dollar, proposals to stabilize the, 270-1
- Domestic difficulties during unemployment, 102-3
- Downey, E. H., on prevention in workmen's compensation legislation, 341
- DuBrul, Ernest F., condition of a particular establishment, 374; (Chart 56), 375
effect of depression on machine tool manufacture, 121
- Duluth Boiler Works, meeting depression, 191
- Duncan, James A., effect of unemployment on the individual, 108
- E
- Economic basis of planning public works, 231-3
consequences of cancellation, 173
losses caused by business cycles, 32-40
- Education of public on time to build or repair, 199
- Efficiency of labor in prosperity and depression, 10, 61, 105
- Elasticity of demand, 121
- Emergency Public Works Board, a proposed federal, 240
- Employed, number, building industry, 174, 189
building material industries, 180; (Table XXVII), 181
industries subsidiary to railways, 206

- Employed, 1920-1922 (Tables XV-XXIII and Charts 14-18), 78-98
 railway industry (Tables XXX and XXXI), 204
- Employees, importance of railways as, 203
- Employer's association employment bureaus, 280
- Employment, bureaus, employer's, 280
 fee-charging, 283
 fraternal organization, 281
 philanthropic, 282
 professional, 281
 public, 283-5, 289-92
 trade union, 281
- Employment, buying power and, 64-5
 changes, 1920-1922, 78-98
 charting the course of, 342-60
 contacts, unorganized, 274-7
 cycles, forecasting, 65-6
 index, 49-57
 since 1914, 57-9
 data (*see* Employment statistics).
 effect of depression on, 86
 exchanges (*see* Exchanges).
 fluctuations in, 43
 forecasting cycles of, 65-6
 indexes of, 43-65; (Charts 2-13 and Table XI)
 measurability, 78, 94, 98
 more steady in small than large establishments, 98
 railway, 211-13, 353-4
 retail store, 168
 securing, 274-7
 service, case for public, 285-9
 methods, 274-85
 nature of, 273-4
 need of organized, 277-9
 "want-ad," 280
 workers placed, 277-9, 286-7
 stabilizing, 378-80
 statistics of, 42-66, 345-57
 volume (*see* Employed, number).
- Engineering News-Record*, public works figures, 241
- England, business cycles in, 5
 profit-sharing for executives, 145
 public works, 237-8 (*see* Unemployment insurance).
- Enterprise, individual, in the business cycle, 19-31
- Equipment, nature of the demand for, 12-3
 railway, 225
- Exchanges (England), cost (Table LI), 335
 organization, 305
 work, 317, 333-4
- F
- Farm employees, hours worked, 86; (Table XVIII), 87
- Farmer's families, members of, distributed by industries, 1920-1922; (Table XVII), 85
- Federal government, public works, 233-6, 240, 243-53
 road building, 243-4, 246
 statistics, 361-2
- Federal Purchasing Board, 255
- Federal Reserve Bank of Chicago, employment statistics, 350
- Federal Reserve Bank of New York, labor cost in building, 182
- Federal Reserve Banks, deposit-reserve ratio, 265
 discount ratio, 262
- Federal Reserve Board, employment statistics, 357
 indexes of business conditions, 362
- Federal reserve notes and deposits, raising legal reserve against, 264
- Federated American Engineering Societies, acknowledgment to, 3
 advocate of Kenyon bill, 248
 city planning, 257
 reference to chapter by, 115, 377
- Feiker, F. M., acknowledgment of services of, 3
- Financial activities adjusted to business cycle, 269
 devices for mitigating severity of cycle, 262-71
 obstacles to stabilizing railway activities, 229
 policies for stabilizing business, 146
- Financing building, 184
 assistance to customers in, 196
- Financing business to meet depression, 130
 municipal public works, 257-8
- Fisher, Irving, stabilizing the dollar, 270
- Fitchburg, Mass., public works, 242

Flood control, public works, 246
 Flour State Baking Company, meeting depression, 191
 Forecaster, business, Harvard, 65
 use to retail trade, 161
 Forecasting, business, 137, 364-72
 employment cycles, 65-6
 information needed for, 156
 Forests, public work in, 246
 Foster & Creighton Co., building contracts taken at cost, 194
 France, business cycles in, 5
 public works, 238
 Fraternal organization employment bureaus, 281
 Frey, John P., Iron Molders' out-of-work stamp system, 300
 Fullerton, High, efficiency during unemployment, 105
 Full time, compared with actual time, 69-73; (Table XII), 72
 per cent worked each quarter, 1920-1922 in each industry (Table XXI), 95
 Funds, revolving, 250
 use of reserve, 383-6
 Future discounted by unemployed worker, 105-7

G

Gay, Edwin F., some salutary effects of business cycles, 32
 Geographical distribution of wage earners, 45
 Germany, business cycles in, 5
 public works, 238
 Gloucester, Mass., public works, 242
 Goldsborough, T. Alan, bill to stabilize the dollar, 270
 Gompers, Samuel, benefit plan for Cigar Makers' Union, 294
 Goods on order, at different periods of cycle, 129
 Government, supplies, control of purchasing, 254-6
 versus private efforts to cope with cycle, 132 (*see also* Federal government).
 Graphic charts, value of, 136
 Great Britain, cancellation of orders in, 171 (*see also* England).

Guibbin, J. A. T., unpublished data for New Jersey supplied by, 54
 Guis, J. M., standardization of building materials, 198

H

Harding, President, first object of Conference on Unemployment, 342
 letter regarding public works, 244
 Harriman, E. H., policy of buying in depressions, 228
 Harrison, M., effects of unemployment on the individual, 102, 104
 Harrison, Shelby M., reference to Chapter XVI by, 115
 Harvard Economic Service, 368-70
 Haverty, Co., Thomas, new kinds of contracting work done during depression, 195
 Health and vitality of unemployed worker, 105
 Hickey-Freeman Company, acknowledgment to, 3
 methods used to stabilize seasonal production, 119
 Hoggson Bros., meeting depression, 192
 Hoover, Herbert, 243
 Hours worked, as a measurement of work done, 94, 98
 at trough and peak of cycle (Charts 15-17 and Table XXIII), 97
 by farm employees, 86; (Table XVIII), 87
 each quarter by industry (Table XX), 92
 per cent of, at trough and peak (Chart 18), 94
 relative changes (Chart 17), 93
 Housing, relation to construction costs, 183
 Huber, Senator, unemployment insurance bill, 339
 Hunt, Edward Eyre, acknowledgment by Natl. Bur. of Econ. Res. to, 4
 contribution to Chapter XIV, 233

I

Illinois, employment statistics, 349
 monthly cost, 352

Illinois, private employment agencies
placements, 1917-1918, 287
handling unskilled labor, 278

Illinois wage earners in manufacturing
(Table X), 45

Impartiality required in employment
service, 289

Improved machinery introduced to
stimulate sales, 149; (Chart 30), 150

Income, national, basis for estimating
losses, 37-38; (Table IX), 39

Indexes, building costs since 1913, 182
employment (Charts 2-13 and Table
XI), 45-65
production (Chart 1), 35; (Table VIII),
36; (Chart 8), 60
statistical, government, 361
private organizations, 363-72
trade assn., 362
uses of business, 361-77

India, business cycles in, 6

Individual industries and enterprises in
cycle, 19-31

Industrial equipment, nature of demand
for, 12-3

Information, kind needed to forecast
trend, 156 (*see also* Statistics).

Ingalls, W. R., Prefactory note, xxxix

Inglenock Construction Co., fire-damages
handled as fill-in, 196

Insurance, social, 303-4, 320
unemployment (*see* Unemployment in-
surance).

International Ladies Garment Workers'
Union (Cleveland), unemployment
insurance scheme, 338-9

Interstate Commerce Commission, con-
trol of railroad rates, 229
employment statistics, 342, 353
railway employees and compensation,
203
tentative value of railway property, 201

Inventory control, 127-30
shrinkage of values, 158

I. O. O. F., employment bureaus, 282

Iowa, farm labor questionnaire, 355

Iron and steel industry employment in, 75

Iron and steel used by railroads, 211

Iron Molders' Union, out-of-work stamp
system, 299-300

Irrigation, as public works, 246

Italy, business cycles in, 5
public works, 239

J

Jackson, James F., effect of unemploy-
ment on domestic relations, 102

Japan, business cycles in, 6

Jewelry Workers, out-of-work benefits,
294

Johnson, Alba B., long-range planning in
railway industry, 227

Joseph and Feiss Co., methods used to
stabilize seasonal production, 119

Jute prices, 128

K

Kelly-Atkinson Construction Co., The,
building repairs done during de-
pression, 195

Kemmerer, E. W., adjusting banking to
the business cycle, 269

Kenyon, Senator, introduced bill creat-
ing Emergency Public Works Board,
240, 247-9

Kenyon-Nolan bill, national employment
service, 273, 284

King, W. I., contribution to Chapter
XIV, 233
estimated number of workers in build-
ing trades, 189
reference to Chapter VI by, 68, 235

Knauth, O. W., reference to Chapter XX
by, 66, 115, 127

Koss Construction Co., building repairs
done during depression, 195

Kuehnle (Philadelphia), planning for
depression, 193

L

Labor, cost in building, 179, 181-3
efficiency, 10, 61, 105
policy for depression, 156, 386

Lackland, Rev. G. S., unemployment
and radicalism, 103

Laidler, H. W., comment on Chapter
XIV, 232
comment on Chapter XVI, 283

Lambie & Co., C. S., customers assisted
in financing building during de-
pression, 196

Legislation, national employment bu-
reaus, 273
public works, 1921, 247

- Leigh, E. B., railway purchases and business, 221
- Libbey Glass Co., meeting depression, 191
- Liquidation, effect of prompt (Chart 29), 148
- Lithographers, out-of-work benefits, 294, 296; (Table XLIII), 297
- Long-range planning, prevalence in construction work, 384-6
public works, 231-61
railways, 228-30
- Losses, economic, 32-40
estimated on index numbers of production, 34-7
estimated on total income of nation, 37-9
- Luethi, M. E., effects of unemployment, 100
- Lumber, mill work, and furniture industries, overtime in, 75
used by railroads, 212
- Lynchburg, Va., public works, 242
- M
- Macauley, Frederick R., reference to Chapter II by, 7
- MacDonald, Thomas H., federal public works aid to states supervised by, 243
- Magazine advertising, increased cost, 125
U. S. annual (Chart 20), 124
U. S. monthly (Chart 19), 124
- Maintenance, railway, 226
- Malingering under insurance (English), 313
- Mallery, Otto T., acknowledgment of services of, 3
references to Chapter XIV by, 80, 114
- Mann, Lawrence B., analysis of dep't store sales (Table VII), 30
- Manufacturing, effect of depression, 1921, 98
policies contributing to success (Chart 31), 151
policies during depression, 145-57
administrative, 149-51
financial, 146-9
labor, 156, 386
manufacturing, 151-2
selling, 152-6
- Manufacturing, policies for prevention of depression, 136-45
policies for production and orders, 140-1
purchasing, 141-3
selling, 143-5
use of statistics, 136-9
value of budget, 139-40
stabilizing production through, 135-57
- Mark-downs, effect of, 159-60, 166
- Masons, employment bureaus, 282
- Massachusetts, days in operation in mfg. industries, 69
employment index, 45; (Chart 2), 46, 185, 350
industrial specialization, 47
overtime among metal trade workers (Table XIII), 75
per cent of wage-earners in mfg. (Table X), 45
state employment bureaus, attitude of employers, 284
unemployment, in building trades, 185; (Chart 47), 187-8
insurance bill, 339
in trade unions (Chart 3), 46, 48; (Chart 6), 55
in transportation, 213
statistics, 342
cost, 352
- Match industry (England), unemployment insurance scheme, 309
- Material and labor costs in building, 179, 181-3
building industries, 179-85
- Materials used, purchased and inventoried (Chart 24), 142
- Meeker, Royal, collection of monthly employment statistics, 346
- Mental results of unemployment, 107-8
- Merchandizing, retail methods of, 163
stabilizing production through, 120-7, 157-68
- Metal products used by railways, 212
trades workers, overtime, 75
- Meyer, Andries, trade union out-of-work benefits, 297
- Middletown, Ohio, public works, 242
- Migration of workers between industries, 82; (Table XVI), 84; (Table XVII), 85, 98
- Miller, A. C., deposit-reserve ratios, 265-7

- Miller, Christian, employment insurance bill (Pa.), 339
- Milwaukee, Wis., emergency fund for public works, 258
- Mines, bituminous coal, days in operation, 69, 71
- Mining, effect of depression of 1921 on, 98
employment statistics, 354
- Mitchell, Jr., David, effect of unemployment on the individual, 107
- Mitchell, T. W., contribution to Chapter XIV, 233
- Mitchell, W. C., contribution to Chapter XIV, 233
- Montague, Gilbert H., acknowledgment of services of, 3
reference to Chapter XI by, 114
- Moody's Investors Service, 370
- Morley, Felix, number engaged in public works, Germany, 239
- Municipal bonds for public works, 241
- Murdock bill, 1914, 273
- Murray, Nat C., acknowledgment of services of, 4
- Muscle Shoals proposal, public works, 246, 252
- N
- National Assn. of Credit Men, acknowledgment to, 4
- National Board of Fire Underwriters, losses from fire, 176
- National Bureau of Economic Research, acknowledgments by, 3
method of preparation of this investigation, 1
organization of, 1
plan of investigation, 3
scope of investigation, 2
- National Conference of Business Paper Editors, acknowledgment to, 3
- National Conference on City Planning, 257
- National Federation of Construction Industries, building cost index, 181
- National income, basis for estimated losses, 37-8
- National Municipal League. city planning, 257
- Netherlands, business cycles in, 5
- New Jersey, employment index, 45; (Chart 2), 46; (Chart 5), 52, 54
overtime and time lost in mfg. establishments (Table XIV), 76
per cent of wage-earners in mfg., (Table X), 45
State Board of Control of Institutions and Agencies, public works program, 254, 260
- Newspaper advertising in 23 cities, annual (Chart 20), 124
in 1920 and 1921, 125
monthly (Chart 19), 124
- New York City, Mayor's Committee on Unemployment, 346
public works, 242
rents, index of (Table XXVIII), 184
- New York (state), central purchasing of state supplies, 254-5, 260
employment index, 45; (Chart 5), 52, 56
monthly cost, 352
statistics, 347-8
overtime in telephone industry, 75
part-time study, 348
pay roll and total earnings in mfg., 342
per cent of wage-earners in mfg., (Table X), 45
state employment bureaus, attitude of employers, 284
proportion of common labor among men placed, 278
study of under-employment, 1921, 69, 71
unemployment, in building trades 185; (Chart 46), 186
in trade unions (Chart 3), 46
- Northwestern University, Bureau of Business Research, acknowledgment to, 4
- Novelties, stabilizing production of, 116-33
- O
- Odenrantz, Louise C., mental effects of unemployment, 107
- Ohio, state employment bureaus, attitude of employers, 284
proportion of common labor among men placed, 278
- Oil used by railways, 211

- Orders, cancellation of, 129, 170-3
 controlling production through, 140
 effect of selling price on new (Chart 32), 153
 legal contracts, 114
 unfilled, statistics collected, 373
- O'Shaughnessy, James, increased cost of magazine advertising, 125
- Outlays upon public works (Table XLI), 233
- Out-of-work benefits, trade union, adequacy, 295
 administration, 298
 as a preventative to unemployment, 300
 income and expenditure (Chart 55), 296
 number protected, 294
- Out-of-work donations scheme (English), amount paid out, 326
 cost borne by state, 310
 rates of benefit, 309
 working of, 317
- Out-of-work stamp system, 299-300
- Overtime, 68, 71; (Tables XIII and XIV), 74-6
- P
- Parmelee, Julius H., acknowledgment of services of, 3
 reference to Chapter XIII by, 114
- Parsons Housing Co., The W. J., during winter a lower profit taken on building, 197
- Part time, 67; (Table XII), 72
 during depression, 90, 98
 industries which use, 93
 study of New York Dept. of Labor, 348
- Pay-roll statistics, 79
- Peak months for different commodities, 1919-1922 (Table IV), 26-7; (Table V), 29
- Pennsylvania, Emergency Public Works Cons., 253-4, 260
 employment statistics, 45
 Industrial Board, advocate of Kenyon bill, 248
 unemployment insurance bill, 339
- Peoria, Ill., public works, 242
- Perkins, George, burden of out-of-work benefits, 298
- Persons, H. S., acknowledgment of services of, 4
- Persons, Warren M., business forecaster (Chart 13), 65
- Philadelphia, investigation of unemployment, 70
 public works, 242
- Philanthropic organizations employment bureaus, 282
- Pig iron production and employment (Chart 11), 63
- Planning (*see* Public works and long-range planning).
- Plant construction, Dennison Mfg. Co., 130; (Chart 22), 131
- Poor's Investment Service, 370
- Population, increased, compared with value of building permits (Chart 43), 176
- Potters, National Brotherhood of Operative, out-of-work benefit scheme, 294; (Table XLIII), 297
- President's Conference on Unemployment, favored a system of public employment offices, 273
 first object, 342
 number employed in building trades, 189
 recommendations of Committee on Unemployment Statistics, 343
 upheld Kenyon bill, 248
- Price levels, before a crisis, 14
 during depression, 17
 during revivals, 8
- Price reductions, 167
- Prices, cause of break in retail, 162
 commodity, fluctuation in, 23-7
 index numbers of retail, character of, 373
 of wholesale, character of, 372
 months of highest and lowest, for 62 commodities (Table IV), 26-7
 of building materials (Chart 45), 183
 percentage rise from 1913 to peak and drop to 1922 (Table III), 24-5
 selling, effect on employment of (Chart 26), 144
 effect on new orders of (Chart 32), 153
 effect on sales of reductions in (Chart 27), 146
 stabilizing demand through, 143
- Printz-Biederman Co., methods used to stabilize seasonal production, 119

- Production, and distribution, stabilizing, 134-70
 and employment, cycles of, 59-63
 control of, 129; (Chart 56), 375
 fluctuation in, 28-30
 held close to orders (Chart 23), 140
 high and low points, 1919-1922 (Tables V and VI), 29, 30
 index of, 34-7; (Table VIII), 36
 (Chart 8), 60; (Charts 9 and 10)
 62, 63
 merchandizing that stabilizes, 120-7;
 156-68
 possible compared with actual (Chart
 1), 35, 36
 stabilizing, devices, 113
 prevalence of efforts, 378-80 (*see*
 also Manufacturing policies).
 statistics for retail trade, 163
- Products, proper time to introduce new,
 121-3
- Profit-sharing for executives, 145
- Profit, small margin and early recovery
 (Chart 29), 148
- Profits, factor in business cycle, 6
- Prosperity, breeding a crisis, 10-15
 cumulation, 8-10
- Public employment bureaus (*see* Em-
 ployment bureaus).
- Public works, administrative measures,
 county, 259
 federal appropriation policy, 248
 bond issues, 245, 253
 centralization, 246
 legislation, 246
 "reserve" clause, 245, 253
 road building aid, 244
 municipal, city planning, 256
 financing, 257
 political consideration, 258
 state, production of supplies, 254-6
 programs for institutions, 254
 responsibility, 253
- Public works, bibliography, 260
 bill introduced by Kenyon, 240, 247-9
 buildings, federal, 244
 cyclical unemployment checked by,
 233-6
 Department Assn., 247
 distribution of, 237-44
 Canada, 240
 England, 237-8
 France, 238
- Public works, distribution of, Germany,
 238-9
 Distribution of Italy, 239
 U. S., 240-4
 Emergency Board proposed, 240
 federal aid for, 243-4
 long-range planning, economic basis,
 231-3
 summary of practical measures, 259
 municipal bonds for, 241
 Reclamation Service, revolving funds,
 250; (Chart 54), 251
 relief, 236-7
 "reserve" fund, 234-6
 river and harbor, federal aid, 244
 road building, federal, 243
- Puget Sound Bridge and Dredging Co.,
 during depression securities taken in
 payment for building, 197
- Purchasers, railways as, 206-12, 220-1
- Purchases, relation of materials used to
 (Chart 24), 142
 unfilled orders as a basis for (Chart 25),
 143
- Purchasing, Associates for Government
 Service, Inc., 255
 centralized in the states, 255
 Federal Board, for coordinating, 255
 methods and policies, 164
 Navy Department's advance, 256
 of manufacturers, 141-5
 Post Office Department's advance, 256
 power, stabilizing, 220
 of wages, 64, 232
- Q
- Questionnaires, sent out for Chapter VI,
 80-1
 results of Horace Secrist's (Table I),
 21-2
 results of John Whyte's (Table II), 23
 sent out for Chapter XXI, 378
- Quick, W. J., building repairs during
 depression, 195
- R
- Railway, activities, cyclical fluctuations
 (Charts 51 and 52), 218-20
 obstacles to stabilization of, 229
 seasonal fluctuations (Charts 48, 49
 and Table XXXVIII), 213-7
 secular fluctuations, 217-8
 stabilization of, 201-30

- Railway Business Assn., estimated number employed in subsidiary industries, 206
- Railway construction, 255
 employees, overtime, 76
 employment, seasonal fluctuation (Table XXXVIII), 215, 223
 stability of, 211-13
 statistics, 353-4
 equipment (Tables XXXIII and XXXIV), 207-8, 225
- Labor Board, I. C. C. statistics prepared for, 353
 wages and working conditions, 229
 maintenance, 226
 materials used by, 210-12
 purchases and business, 220-1
 trackage (Table XXXVI), 209
 traffic growth (Chart 50), 217
 value of prosperity of, 201
- Railways, as employers, 203-6
 as manufacturers, 202-3
 as purchasers, 206-12
- Reconstruction Commission (New York), recommend development of state employment offices, 273
- Recruiting for war, effect on industrial situation, 57-8
- Rectanus, S. R., benefits of unemployment, 100
- Relief work, public, 236-7
- Remedies for cyclical employment, Part III, 111*ff.*
- Rents, index in New York City (Table XXVIII), 184
- Repairs, proper time for, 157
 value of, in building industry, 176, 178
- Reserve funds, and their uses by manufacturers, 383-4
 for public works, 234-6
- Retail stores and manufacturing employment compared (Chart 41), 168
 average monthly sales (Charts 35-7), 158-9
 earnings and employees (Chart 40), 167
 methods of minimizing depressions in, 161-3
 sales and prices (Chart 38), 160
 sales, purchases and inventories (Chart 39), 166
- Retail trade, essentials of stabilizing, 157
 fluctuations in (Charts 35-8), 158-61
 (see also Merchandizing).
- Revivals, trade, 8-10, 18
- Revolving funds, 250
- Richmond, Va., public works, 242
- Road building, federal aid appropriation for, 243-4
- Roberts, G. E., see Prefactory notes, xxxix
- Rochester, N. Y., public works, 242
- Root, W. A. and H. A., during winter a lower profit in building taken, 197
- Rorty, M. C., comments on Chapter VI, 97
 comments on Chapter XII, 189, 200
 comments on Chapter XIV, 231
- Rowntree & Co., Ltd., unemployment insurance scheme, 308-9, 319
- Rowntree, B. Seebohm, contributions and benefits, unemployment insurance, 311
- Russell Sage Foundation, acknowledgment to, 3
- Russia, business cycles in, 6
- S
- Salaries, wages and hours worked (Chart 17), 93
- Sales, analysis, use of, 164
 average monthly, chain stores (Chart 37), 154
 department stores (Chart 35), 158
 growing stores (Chart 36), 159
 methods used to stabilize, 166
 purchases made just preceding (Chart 39), 166
 reduction of price used to stimulate (Chart 27), 146
- Sandus, Virgil A., acknowledgment of services of, 4
- San Francisco, Cal., public employment bureaus, 278
- Scandinavian countries, business cycles in, 6
- Schedules (see Questionnaires).
- Seasonal fluctuations, exclusion of, from considerations, 6
 in retail trade, 161
 causes of, 116
 results of, 117
 prevention of, 116-20
 railway activity, 213-7
 employment (Table XXXVIII), 215
- Secrist, Horace, acknowledgment of services of, 4, 20
 classification of answers to questionnaire sent out by (Table I), 21

- Secular fluctuations, railway activity, 217
- Self-respect, effect of unemployment on, 108-9
- Selling policies, 126, 152-6
prices (*see* Prices).
- Service to customers during prosperity, 154; (Chart 34), 155
- Shattuck, Representative, unemployment insurance bill (Mass.), 339
- Shaw, A. W., comment on Chapter XIV, 246
- Short selling (Chart 30), 150
- Short time, 67, 68, 71, 74
- Smallman-Bruce Construction Co., Inc., building repair during depression, 195
- Smelser, David P., trade union out-of-work benefits, 293, 295, 298, 299
- Soule, George, efficiency of labor, 10
relation of wages and prices, 17
- South America, business cycles in, 6
- Spain, business cycles in, 5
- Spencer, Judge A. C., railway purchases and business, 220
- Sprague, O. M. W. discount rate proposal, 263-4
raising credit tests during expansion, 268
reserve ratios, 264
supply of credit, 263
- Stability of railway employment, 211-3
- Stabilization, building, 174-200
business, devices used, 378-89
dollar, the, 270
employment, prevalence of efforts, 378-80
methods of (Table LII), 379
production, 116-169, 378-80
railway operations, 201-30
retail trade, 157
sales, 166
- Stack Construction Co., new kinds of construction work done during depression, 196
- Standardization of building materials, 198
- Standard of living, lowered by unemployment, 104
- Standard Statistics Co., 370-2
- Statistics, building, use of, 199
business conditions, available, 361-72
lacking, 372-3
cost of collection, 352-3
- Statistics, employment, available, 43-66, 345-57
employment, lacking, 342-3
exchange of between stores, 165
government series of, 361
private organizations, 363-72
trade association, 362-3
use of, 136, 373-7, 380
- Steam railroad (*see* Railway).
- Steele & Sons Co., meeting depression, 1920, 192
- Steuart, W. M., acknowledgment of services of, 4
- Stewart, Ethelbert, figures supplied by, 53
- Stewart, Walter W., index of production, 35
- Stock turnover, 164-5
- Stocks, accumulation of, 162
- Stone & Webster, meeting depression, 190
- Stone, N. I., acknowledgment of services of, 3
reference to Chapter XI, 374
- Store management, 163
- Strover, Carl, stabilizing the dollar, 270
- Surplus (*see* Reserve funds).
- Switzerland, public works, 240

T

- Taylor, Lea D., effects of unemployment on individual, 103
- Taylor Society, acknowledgment to, 3
questionnaire sent out by, 378, 379
- Taylor, W. R., relation of railway purchases to business, 220
- Telephone operators, overtime, 75
- Territorial differences in business, 30-1
- Textile industry, stabilizing production of, 116-33
types of contracts, 172
- Thompson, S. E., reference to Chapter X, 114, 374
- Toledo, Ohio, public works, 242
- Trade association aid in collection of employment statistics, 349
resolutions against cancellation, 171
statistics, 362-3
- Trade union, bureaus of employment, 281
out-of-work benefit, 293-301, 304-5, 329-33; (Table L), 332
unemployment in, 46-7; (Chart 46), 186; (Chart 47), 187-8; (Table XLVI), 324

Transportation (*see* Railway).
 Turnover, investigation, 73
 stock, 164
 Typographical Assn. of N. Y., benefits,
 294, 295

U

Umpire (English) on insurance claims,
 314-5
 Under-employment, 67-77
 conclusions to, 77
 data on, 68-76
 days in operation, 67, 69, 76
 full time, 69-73; (Table XII), 72
 overtime, 68, 71; (Tables XIII and
 XIV), 74-6
 part time, 67; (Table XII), 72
 phases of, 67
 relation to unemployment, 67
 short time, 67, 68, 71, 74
 turnover, 73
 Unemployed, estimated number, 43 (*see*
 also Employed, number).
 Unemployment, and the worker, 99-109
 as an insurable risk, 303
 beneficial effects, 100
 building trades, 185-9
 curtailed through insurance, 320-2
 cyclical, checked by public works,
 233-6
 defining, general, 78-9
 definition for insurance, 311-20
 effect on children, 99
 factors in investigation, 80
 insurance, American experiments, 304,
 336-40
 English, administration, 333-6
 benefits (Table XLIII), 307, 323;
 (Table XLVII), 325; (Table
 XLVIII), 327; (Table XLIX),
 331
 cost, 310, 326; (Table LI), 335
 courts of referees, 313
 fund, 322-9
 persons covered, 323
 prevention of unemployment,
 320-2, 340-1
 umpire's decisions regarding
 claims, 313-6
 measurability, 78
 mental results, 107-8
 relation to under-employment, 67
 seasonal need for further study, 2

Unemployment, selective, 99-101
 Statistics, Committee, recommenda-
 tions, 343
 trade union (Chart 3), 46; (Table
 XLVI), 324
 Union, trade (*see* Trade union).
 United States Chamber of Commerce,
 acknowledgment to, 4
 advocate of Kenyon bill, 248
 questionnaires distributed through, 81
 United States Children's Bureau, study
 of effect of unemployment on child-
 ren, 99, 103, 104
 Bureau of Labor Statistics, building
 material prices and wages, 182-3
 employment index (Chart 5), 52,
 56
 estimate of under-employment, 68,
 70
 overtime in lumber, mill work, etc.,
 75
 rate of labor turnover, 73, 286
 statistics of employment, 343, 345-7,
 352
 union wages in building trades, 189
 Bureau of Market and Crop Estimates,
 acknowledgment to, 4
 farm labor, 355
 questionnaires distributed through,
 81
 Bureau of the Census, acknowledgment
 to, 4
 questionnaires distributed through,
 81
 tabulation of material for Chapter
 VI, 81
 Census of Manufacturers, employment,
 50, 53; (Chart 6), 55, 56
 Department of Agriculture, employ-
 ment, 355
 indexes of business conditions, 362
 Department of Commerce, employ-
 ment statistics, 356
 indexes of business conditions, 361
 Department of Labor, indexes of busi-
 ness conditions, 362
 Emergency Public Works Board pro-
 posed, 240
 Employment Service, attitude toward,
 284
 employment statistics (Chart 5), 52,
 54, 56, 212, 291, 342, 356
 use after Armistice, 272

- United States Geological Survey, employment statistics, 345, 354
- Railroad Administration, railway maintenance under, 225
- Reclamation Service, revolving funds, 250; (Chart 54), 251
- War Labor Policies Board, public works, 240 (*see also* Interstate Commerce Commission and Railway Labor Board).
- V
- Vance, Ray, forecasting, 368
- Van Kleeck, Mary, acknowledgment of services of, 3
- Villain, George, budgets and five-year program suggested for French railways, 228
- Voluntary insurance (England), encouragement, 329-33
- W
- Wage-earners, geographical distribution (Table X), 45 (*see also* Employed, number).
- Wage rates, building (Chart 45), 183 per hour (Chart 12), 64
- Wages, purchasing power of, 64, 232 salaries and hours worked (Chart 17), 93
- Wainright Commission, public employment offices recommended, 272
- Walbridge-Aldinger Co., buildings closed before cold weather for interior work, 197
- Wall, Alexander, acknowledgment of services of, 4
- Wallace, L. W., acknowledgment of services of, 3
- "Want-add" employment service, 280
- War, effect on industrial situation, 57-9
- Warner Co., Charles, meeting depression, 189
- Washington, D. C., city plan, 252, 260
- Wason, L. C., planning work in building, 192, 194
- Waste in industry, Committee on the Elimination of, loss of time on the job, 74
- Whyte, John, acknowledgment of services of, 4, 20
classification of answers to questionnaire sent out by (Table II), 23
- Williams Whiting, importance of the job, 108
- Willits, Joseph H., investigation in Philadelphia, 70
- Wilmington, Del., public works, 242
- Winston-Dear Co., deferred payment plan in building, 196
- Wisconsin, employment statistics (Chart 5), 52, 348-9, 352
pay-roll and total earnings in mfg., 342
per cent of wage-earners in mfg., (Table X), 45
private employment agencies, placements, 287
questionnaire to farmers, 355
state employment bureaus, attitude of employers, 284
unemployment insurance bill, 339
- Wolman, Leo, reference to Chapter XVIII by, 79, 80, 115, 387
- Woods, Arthur, public works, 240
- Worker, and his family during unemployment, 99-109
domestic troubles, 101-3
future discounted, 105
losses, physical, 103-4
mental results, 107
relief for, 386-7
self-respect lost, 108
- Wright, Carroll D., under-employment, 1885, 68