FACTS AND FIGURES ABOUT MICHIGAN PREPARED BY General Passenger
Department Michigan CENTRAL

CHICAGO, 1885.

PRICE, 15 CENTS

THE DETROIT SANITARIUM IS DESIGNED FOR THE PURPOSE OF Providing Patients and Invalids with all the comforts and advantages of a first class Health Resort. It is a large and commodious building surrounded by EXTENSIVE AND BEAUTIFUL GROUNDS And situated on one of the finest Avenues of the city. Patients requiring special MEDICAL OR SURGICAL TREATMENT Or desiring suitable accommodation while consulting some of the many eminent Practitioners of this city will find in the Sanitarium all the comforts and conveniences of a home.

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THE NEW CAPITOL AT LANSING AND THE OLD.

FACTS AND FIGURES ABOUT MICHIGAN

A HAND-BOOK OF THE STATE

STATISTICAL, POLITICAL, FINANCIAL, ECONOMICAL, COMMERCIAL.

BY FRANK J. BRAMHALL, GENERAL PASSENGER DEPARTMENT, MICHIGAN CENTRAL.

CHICAGO, 1885.

F. I. WHITNEY, Ass't Gen'l Pass. and Ticket Agent.

O. W. RUGGLES, Gen'l Pass. and Ticket Agent

POOLE BROS. PRINTERS CHICAGO

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STATE OF MICHIGAN.

EXECUTIVE DEPARTMENT.

GOVERNOR.

His Excellency Russell A. Alger, Detroit.

Term expires Jan. 1, 1887. Salary, $1,000.

*Private Secretary* — Gilbert R. Osmun, Detroit. Salary, $1,600.

LIEUTENANT GOVERNOR.

Hon. Archibald Buttars, Charlevoix.

Salary, $3.00 per day, during session of Legislature.

SALARY.

*Secretary of State* — Harry A. Conant, Monroe $800

Deputy—D. Henry McComas, Lansing 1,800

Chief Clerk—George W. Freeman, Lansing 1,200

*Treasurer*—Edward H. Butler, Detroit 1,000

Deputy—William Stagg, Detroit 1,800

Cashier—Edwin F. Swan, Flint 1,200

Bookkeeper—Charles F. Moore, Detroit 1,200
Library of Congress

Auditor General—William C. Stevens, Ann Arbor 2,000

Deputy—Hubert R. Pratt, Lansing 1,800

Book-keeper—Henry Humphrey, Lansing 1,200

Chief Clerks—George H. Saxton, Lansing 1,200

Private Secretary—William W. Cook, Leslie 1,100

Commissioner of the State Land Office—Minor S. Newell, Flint 800

Deputy—Henry S. Sleeper, Kalamazoo 1,800

Book-keeper—William Ennis, Lansing 1,200

Chief Clerk—Leland H. Briggs, Almont 1,200

Superintendent of Public Instruction—Theodore Nelson,†

† Appointed vice Gass, resigned.

St. Louis 1,000

Deputy—William F. Clarke, Flint 1,800

Attorney General—Moses Taggart, Grand Rapids 800

Clerk—Mrs. Mary A. Miles, Detroit 780

Commissioner of Railroads—William McPherson, Jr., Howell 2,500

Deputy—Wyllys C. Ransom, Lansing 1,500

Commissioner of Mineral Statistics—Charles D. Lawton, Lawton 2,500
Commissioner of Labor—Cornelius V. R. Pond, Quincy 2,500
Commissioner of Insurance—Henry S. Raymond, Bay City 2,000
Deputy—Henry N. Lawrence, Lansing 1,200
State Librarian—Mrs. Harriet A. Tenney. Lansing 1,000
Assistant—Mrs. Mary C. Spencer, Ypsilanti 700
Chief Salt Inspector—George W. Hill, East Saginaw Fees.
Inspector of Illuminating Oils—Stalham W. La Du, Coral Fees.

(Official whose names are printed above in capitals are elected by the people and hold office for two years from January 1, 1885. All others are appointed.)

STATE BOARDS.

Board of State Auditors.—Secretary of State, State Treasurer and Commissioner of the State Land Office. *Advisory Members*—His Excellency the Governor and the Attorney General. *Secretary*—Thomas M. Wilson, New Baltimore. Salary, $1,400.

Regular meetings on the last Wednesday of each month.

Board of Control for Reclamation of Swamp Lands.—His Excellency the Governor, Secretary of State, Auditor General, State Treasurer, Attorney General and Commissioner of the State Land Office.

Regular meetings on Thursday following the last Wednesday of each month.

Board of Equalization.—The Lieutenant Governor, Auditor General, Secretary of State, State Treasurer and Commissioner of the State Land Office.
Board of State Canvassers.—Secretary of State, State Treasurer and Commissioner of the State Land Office.

Board of Examination of Claims Growing Out of Sales of Public Lands.—Commissioner of the State Land Office, State Treasurer and Attorney General.

Board of Control of St. Mary's Ship Canal and of the Portage Lake And Lake Superior Ship Canal.—His Excellency the Auditor General and State Treasurer.

Regular meetings first Thursday after the last Wednesday in each month.

Board of Fund Commissioners.—His Excellency the Governor, State Treasurer and Auditor General.

Board of Geological Survey.—His Excellency the Governor, Superintendent of Public Instruction and President of the State Board of Education. *State Geologists*—Charles E. Wright, Marquette.

Board of Internal Improvement.—State Treasurer, Secretary of State and Auditor General.

Board to Take Charge of Escheated Property and other State Assets.—Auditor General, State Treasurer and Secretary of State.

Board for Repairs and Additions to the State Prison.—His Excellency the Governor and the Inspectors of the State Prison.

Agricultural Land Grant Board.—His Excellency the Governor, Auditor General, Secretary of State, State Treasurer, Attorney General and Commissioner of the State Land Office.
Library of Congress

Board of Review for The Assessment of Telegraph and Telephone Lines.—Auditor General, State Treasurer and Commissioner of the State Land Office.

Board of Railroad Consolidations.—Attorney General, Commissioner of Railroads and Secretary of State.

Board of Railroad Crossings.—Attorney General, Secretary of State and Commissioner of Railroads.

Bureau of Statistics of Labor.—Commissioner of Labor, Deputy Commissioner of Labor and Secretary of State.

Board of Education.—Edgar Rexford, Ypsilanti (1887); Bela W. Jenks, St. Clair (1889); James M. Ballou, Allegan (1891). Secretary, ex-officio, the Superintendent of Public Instruction.

Board of Corrections and Charities.—His Excellency the Governor; Edwin H. Van Deusen, M. D., Kalamazoo (1887); John J. Wheeler, East Saginaw (1889); Levi L. Barbour, Detroit (1891): Rt. Rev. George D. Gillespie, D. D. (Chairman), Grand Rapids (1893). Secretary, W. J. Baxter, Lansing.

Board of Health.—Arthur Hazlewood, M. D., Grand Rapids (1887); John Avery, M. D., (President), Greenville (1887); V. C. Vaughn, M. D., Ann Arbor (1889); C. V. Tyler, M. D., Bay City (1889); J. H. Kellogg, M. D., Battle Creek (1891); H. F. Lyster, M. D., Detroit (1891). Secretary, Henry B. Baker, M. D. Lansing.

Meets at Lansing on the first Tuesdays of January, April, July and October.

Board of Control of Railroads.—President, ex-officio, His Excellency the Governor. D. Bethune Duffield (Secretary). Detroit: John K. Boles, Hudson; Edward H. Thompson. Flint;
Library of Congress

P. Dean Warner, Farmington; Benjamin F. Chynoweth, Ontonagon; Volney V. B. Merwin, Jackson (February 23, 1889). Meets on call.

Board of State Fisheries.—Commissioners, Dr. Joel C. Parker (President), Grand Rapids (1887); John H. Bissell, Detroit (1889), and Herschel Whitaker, Detroit (1891). Superintendent, Walter D. Marks, Paris; Secretary, Andrew J. Kellogg, Detroit; Treasurer, William A. Butler, Jr., Detroit.

Stations.—Detroit, whitefish; Paris, brook trout, California trout, landlocked salmon and hybrid trout; Petoskey, whitefish: Glenwood, carp; State Agricultural College, Lansing, carp and bass; Sault Ste. Marie, brook trout, salmon trout, schoodic salmon and whitefish. The two latter stations are awaiting appropriations for improvement.

Whitefish hatched and deposited in 1883 and 1884: Lake Michigan 26,300,000; Lake Superior, 2,000,000; Lake Huron, 4,500,000; Lake St. Clair, 7,000,000; Detroit River, 16,020,000; Lake Erie, 4,000,000; Loon Lake, Oakland county, 1,650,000; total 61,470,000. Brook Trout 719,000, planted in streams in twenty-five different counties. Schoodic Salmon, 18,000 in Teal Lake and 10,000 in Rapid River; total, 28,000.

Incomplete reports give the following product of the Michigan fisheries in 1883: Whitefish, 5,686,291 lbs.; Lake Trout, 5,065,072 lbs.; Herring, 1,760,890 lbs.; Bass, 144,732 lbs.; all other kinds, 1,499,704 lbs.; total, 14,156,689 lbs.; besides over 6,000,000 lbs. not classified.

STATE INSTITUTIONS.

UNIVERSITY OF MICHIGAN.

Regents.—George Duffield, D. D., Lansing (1886); Jacob J. Van Riper. Buchanan (1886); James Shearer, Bay City (1888); Ebenezer O. Grosvenor, Jonesville (1888); Austin Blair,
Library of Congress

Jackson. (1890); James F. Joy, Detroit (1890); Albert M. Clark, Lexington (1892): Charles J. Willett, St. Louis (1892).

Officers.—President, James B. Angell, LL. D.; Secretary and Steward, James H. Wade; Treasurer, Harrison Soule.

Located at Ann Arbor. Organized 1841. Present value of property, $812,–984. Income last year, interest on permanent fund, $38,410; 1–20 mail tax, $40,500; students' fees, $56,628; appropriations, $50,375; miscellaneous, $5,338; total, $191,252; expenses, $189,334. Volumes in library, 62,000. Professors and assistants and students in the several departments 1884–5 as follows: Literature, science and the arts, 48 professors and 539 students; medicine and surgery, 24 professors and 332 students; law, 5 professors and 305 students; pharmacy, 12 professors and 77 students; homeopathic medical college, 8 professors and 57 students; college of dental surgery, 6 professors and 67 students; total, 83 professors and 1,377 students.

Commencement day, 1885, June 25th.

STATE AGRICULTURAL COLLEGE.

Located three miles east of Lansing and is under the supervision of

State Board of Agriculture.—His Excellency the Governor, and Theophilus C. Abbot, LL.D., President of the College. ex-officio; Thomas D. Dewey, Owosso (1887); William B. McCreery, Flint (1887); Elijah W. Rising, Davison (1889); Franklin Wells (President), Constantine (1891); Cyrus G. Luce. Gilead (1891). Secretary, Robert G. Baird; Treasurer, Ephraim Longyear.

Edwin Willets, M. A., succeeds Dr. Abbott as President of the college July 1, 1885.

Receipts for year ending September 30, 1884, from interest and appropriations, $57,709; from other sources $12,010. Disbursements on account of special appropriations,
$20,174; current expenses, $44,441; balance, $6,804. Professors, 12; florist, 1; foreman, 1; students, 177; volumes in library, 6,656.

**STATE NORMAL SCHOOL.**

Officers and Faculty.—*Principal*, Edwin Willies, M. A.; *Vice-Principal*, Austin George, M. A.; *Preceptress*, Julia A. King; and 17 teachers.

Located at Ypsilanti, under management and direction of the State Board of Education (q. v.) Receipts last fiscal year, from appropriation, $27,050; interest on endowment fund, $4,200; from tuition fees, etc., $2,800; total, $34,050. Expenditures, about $35,000. Students, January 1, 1885, 627; enrollment will reach 700 during the year. Volumes in library, 5,973. Each member of the Legislature is authorized to appoint two students from his district who will be received free of charge.

Commencement day, 1885, June 24th.

**STATE PUBLIC SCHOOL.**

Board of Control.—Isaac A. Fancher, *President*, Detroit (1887); Richmond E. Case, Three Rivers (1889); Caleb D. Randall, *Secretary and Treasurer*, Coldwater (1891).

Officers.—*Superintendent*, John N. Foster; *State Agent*, Galen A. Merrill; *Clerk*, F. W. Morgan; *Matron*, Miss Sarah D. Parsons; *Physician*, C. C. Powers, M. D.

Located at Coldwater. School department is constantly in session. Homes are found for children as rapidly as possible and those who remain are steadily at school. State appropriation, 1884, $39,000; expended, $38,800. Inmates, January 1, 1885, 270 boys and 32 girls. Volumes in library, 1,300.

**STATE REFORM SCHOOL.**
Library of Congress

Board of Control.—E. H. Davis, Lansing (1887); James Blair, Grand Rapids (1889); H. B. Rowlson, Hillsdale (1891).

Officers.—Superintendent, Cornelius A. Cower; Assistant Superintendent, E. C. Bank; Matron, Mrs. Dora L. Cower; Bookkeeper, J. E. St. John; Physician, J. W. Hagadorn, M. D.

Located at Lansing, under the general supervision of the State Board of Corrections and Chastise (q. v.). Receipts, appropriation for 1884, current expenses, $45,900; for building account, $20,600; from shop work, etc., $10,084 Disbursements, $74,075. Balance on hand September 30, 1884, $14,603. Admitted, 1882–3, 191; 1883–4, 234; whole number since opening in 1856, 3,129; number in school, September 30, 1884, 440.

INDUSTRIAL HOME FOR GIRLS.

Board of Control.—Mrs. Mary E. Cooley, Ann Arbor (1887); Mrs. Arthuretta S. Fuller (President), Grand Rapids (1889); William Corbin, Adrian (1889); Mrs. Eliza S. Stebbins, Lansing (1891); Theodore S. Hinchman, Detroit (1891).

Superintendent, Miss Margaret Scott; Clerk, Miss E. M. Gilbert; Physician, Miss Rose C. Wilder, M. D.

Located at Adman. Opened August 1, 1881. Value of property, $145,210 Receipts for two years ending September 30, 1884, from State Treasurer, $92,607; sale of produce, work, etc., $997; interest, $212; total, $93,816. Expenditures (including building, $24,869, and land, $8,000); $86,488. Girls received since opening, 205; returned, 11; died, 3; discharged, 7; indentured, 27; remaining September 30, 1884, 157.

INSTITUTION FOR EDUCATING THE DEAF AND DUMB.
Library of Congress

Trustees .—Jerome Eddy (President), Flint (1889); James C. Willson. (Treasurer), Flint (1887); Charles D. Belknap (Secretary), Grand Rapids (1891).

Officers .—Superintendent, Marshall T. Gass; Steward, Dan. H. Church; Matron, Mrs. Grace I. Case; Physician, A. A. Thompson, M. D.

Located at Flint. Appropriation for 1884, current expenses, $45,000; buildings and improvements, $36,500. Admitted during 1884, 43; discharged, 3; remaining January 1, 1885, 266; 15 deaf, 1 dumb, 250 deaf and dumb.

SCHOOL FOR THE BLIND.

Commissioners .—Townsend North (President), Vassar; T. S. Applegate (Secretary), Adrian; James M. Turner (Treasurer), Lansing.

Superintendent, J. F. McElroy; Matron, Miss L. V. Abbott.

Located at Lansing. State appropriation for 1884, for current expenses, $26,000; for buildings and special purposes, $80,000. Pupils enrolled during school year, 70; on January 1, 1885, 60.

MICHIGAN ASYLUM FOR THE INSANE.

Trustees .—Ira R. Grosvenor, Monroe (1887); Robert Burns, Kalamazoo (1887); Alva W. Nichols, Greenville (1889); Foster Pratt, Kalamazoo (1889); George Hannahs, South Haven (1891); Charles T. Mitchell, Hillsdale (1891).

Located at Kalamazoo. State appropriation, 1882–84, for buildings, $12,100. Received from the State, counties and individuals for care of patients, $376,227. Patients under treatment, September 30, 1882: Males, 376; females, 364; total, 740; received during 1882–84, males, 176; females, 150; total, 326; died and discharged, males, 146; females, 122; total, 268; remaining, September 30, 1884, males, 406; females, 392; total, 798.

**EASTERN ASYLUM FOR THE INSANE.**

Trustees.—Augustus C. Baldwin, Pontiac (1887); Willard M. McConnell, Pontiac (1887); Moses W. Field, Detroit (1889); Jacob S. Farrand, Detroit (1889); Warren G. Vinton, Detroit (1891); Norman Geddes, Adrian (1891).


Located at Pontiac. State appropriation, 1883–4, for improvements, $3,050; received from State, counties and individuals for care of patients, $145,555. Expenditures for care of patients, etc., $134,569. Patients under treatment, January 1, 1884: Males, 331; females, 314; total, 645; admitted during 1884, males 106, females 83, total 189; discharged and died, males, 96; females, 78; total, 174; remaining January 1, 1885, males, 341; females, 319; total, 660.

**NORTHERN ASYLUM FOR THE INSANE.**

Commissioners.—Perry Hannah, Traverse City; E. H. Van Deusen, Kalamazoo; M. H. Butler, Mt. Clemens; Henry H. Riley, Constantine; Alexander Chapoton, Sr., Detroit.

Now in process of construction at Traverse City. *Superintendent of Construction*, C. M. Wells.
STATE PRISON.

Inspectors. — Wm. Chamberlain, Three Oaks (1887); W. A. Woodard, Jr., Owosso (1889); D. S. Smith, Jackson (1891).

Officers. — Warden, Hiram F. Hatch; Chaplain, Rev. Geo. H. Hickox; Physician, W. H. Palmer, M. D.

Located at Jackson in 1839. Value of property, $664,465. Disbursements last fiscal year, $102,634; earnings, $74,778. Number of prisoners, Jan. 1, 1884, 599; received during 1884, 289; discharged, 199; remaining, Jan. 1, 1885, 689; employes, 55.

HOUSE OF CORRECTION

Managers. — Hampton Rich, Ionia (1887); John Heffron, Detroit (1891); Abraham H. Piper, Detroit (1891).

Officers. — Warden, Erwin C. Watkins; Deputy Warden, J. Q. Cressy; Treasurer, P. D. Cutler; Clerk, R. D. Sessions; Physician, A. B. Way, M. D.; Chaplain, Rev. H. O. Parker.

Located at Ionia in 1877. Cost, $250,000. Running expenses last fiscal year, $125,520; earnings from convict labor, $50,000. Number of inmates, 750; employes, 37.

STATE ASSOCIATIONS.

State Pioneer Society. — President, Francis A. Dewey, Cambridge; Recording Secretary, Mrs. Harriet A. Tenney, Lansing; Corresponding Secretary, George H. Greene, Lansing; Treasurer, Ephraim Longyear, Lansing; Executive Committee, the President, ex-officio, John, C. Holms, Detroit, Henry Fralick, Grand Rapids, Albert Miller, Bay City; Committee of Historians, the President, ex-officio, M. Shoemaker (Chairman), Jackson, T. E. Wing,
State appropriation, general fund, $500; publication fund, $2,000; volumes issued, six. Next annual meeting and election June 3, 1885, at Lansing.

State Association of Superintendents of the Poor.—President, D. B. Green, Ypsilanti; Vice-President, A. O. Hyde, Marshall; Secretary, S. S. Dryden, Allegan; Treasurer, Isaac Lewis, Monroe.

State Agricultural Society.—President, E. O. Humphrey, Kalamazoo; Secretary, Joe C. Sterling, Monroe; Treasurer, A. J. Dean, Adrian: Ex-Presidents—M. Shoemaker, Jackson; James Bailey, Birmingham; W. J. Baxter, Jonesville; George W. Griggs, Grand Rapids; Charles Kipp, St. Johns; E. O. Humphrey, Kalamazoo; W. L. Webber, East Saginaw; George W. Phillips, Romeo; Henry Fralick, Grand Rapids; Philo Parsons, Detroit. Executive Committee (1886)—Abel Angel, Bradley; D. W. Howard, Pentwater; H. O. Hanford, Plymouth; F L. Reed, Olivet; A. F. Wood, Mason: F. V. Smith. Coldwater; J. Q. A. Burrington, Tuscola; M. P. Anderson, Midland; John Gilbert, Ypsilanti; C. W. Young, Paw Paw; (1887)—William Ball, Hamburgh; A. O. Hyde, Marshall; W. H. Cobb, Kalamazoo; E. W. Rising, Davison Station; J. P. Shoemaker, Amsden; I. H. Butterfield, Jr., Lapeer; John Lessite, Jersey; William Chamberlain, Three Oaks; M. J. Gard, Volinia; J. C. Sharp, Jackson.

Twenty-seventh annual fair will be held at Kalamazoo, September 14 to 18, 1885. Election of officers on second day.

Eastern Michigan Agricultural and Mechanical Association.—President, E. M. Cole, Superior, Vice-Presidents, William Lay, Ypsilanti, and John W. Naury, Superior; Secretary, Frank Joslyn, Ypsilanti; Treasurer, William Campbell, Ann Arbor. Executive Committee—G. A. Peters, Scio; David M. Uhl, Ypsilanti; J. B. Berdan, Plymouth; William Lowden, Augusta; W. W. Van Dyne, York; John G. Rooke, Superior; T. Sutherland, Pittsfield; W. H.

Fourteenth annual fair at Ypsilanti, September 21 to 24, 1885; election of officers on last day.


Fourth annual spring fair will be held at Lansing, June 9 to 12, 1885, and twentieth annual fall fair at Lansing, September 28 to October 2, 1885.

Northeastern Agricultural Society.— President, William Hamilton, Flint; Treasurer, John T. Rich, Elba; Secretary, George F. Lewis, Saginaw City. Directors, Thomas Dean and J. Van Buskirk, of Alcona; H. P. Merrill and Wm. Westover, of Bay; Thos. Foster and Geo. W. Stuart, of Genesee; W. S. Turek and J. A. Paddock, of Gratiot; Wm. N. Brown and John Fraser, of Isabella; John Abbott and Geo. P. Chapman, of Lapeer; J. J. Ryan and J. Cochrane, of Midland; W. C. Wixom and George Seeley, of Oakland; W. J. Barrow and David Geddes, of Saginaw; Charles F. Moore and Fred A. Beard, of St. Clair; D. G. Slafter and W. A. Heartt, of Tuscola.

Fifth annual fair will be held at Flint, September 21 to 25, 1885.
Western Michigan Agricultural and Industrial Society.—President, D. P. Clay, Grand Rapids; Vice-President, H. C. Sherwood, Watervliet; Secretary, James Cox, Grand Rapids; Treasurer, E. B. Dikeman, Grand Rapids; General Superintendent, H. C. Sherwood, Watervliet.

Seventh annual fair will be held at Grand Rapids, September 21 to 25, 1885.

State Horticultural Society.—President, T. T. Lyon, South Haven; Secretary, Charles W. Garfield, Grand Rapids; Treasurer, S. M. Pearsall, Grand Rapids; Executive Board, W. K. Gibson, Jackson, E. H. Scott, Ann Arbor, J. N. Stearns, Kalamazoo, Prof. James Satterlee, Lansing, H. W. Davis, Lapeer, C. A. Sessions, Mears.

Next annual exhibition of fruits and flowers will be held in Kalamazoo, September 13 to 17, 1885. The society has twenty-nine branches in the State.

Michigan Bee Keepers' Association.—President, Prof. A. J. Cook, Lansing; Secretary, H. D. Cutting, Clinton; Treasurer, M. H. Hunt, Bell Branch.

Next annual meeting December 8 to 10, 1885, at Detroit, in conjunction with the North American Bee Keepers' Association.

Patrons of Husbandry, State Grange.—Master, Cyrus G. Luce, Gilead; Overseer, John Holbrook, Lansing; Lecturer, Perry Mayo, Battle Creek; Steward, Harrison Bradshaw, North Branch; Chaplain, I. N. Carpenter, Omena; Treasurer, E. A. Strong, Vicksburg; Secretary, J. T. Cobb, Schoolcraft; Gate-keeper, A. M. Agens, Ludington; Ceres, Mrs. J. W. Belknap, Greenville; Pomona, Mrs. W. T. Remington, Alto; Flora, Mrs. C. G. Luce, Gilead; Executive Committee, the Master and the Secretary, ex-officio, J. G. Ramsdell, Traverse City, H. D. Platt, Ypsilanti, Thomas Mars, Berrien Centre, J. Q. A. Burrington,
Michigan Engineering Society.— *President*, Prof. Joseph B. Davis, C. E., Ann Arbor; *Vice-President*, George E. Steele, Traverse City; *Secretary and Treasurer*, Prof. R. C. Carpenter, C. E., Lansing.

Next annual convention will be held at Ann Arbor in the winter of 1885–6.

Michigan Sportsmen's Association.— *President*, E. S. Holmes, Grand Rapids; *Treasurer*, N. A. Osgood, Battle Creek; *Secretary*, Mark Norris, Grand Rapids; *Directors*, W. C. Colburn, Detroit, D. H. Fitzhugh, Jr., Bay City, T. S. Cobb, Kalamazoo, E. C. Nichols, Battle Creek.

Next annual meeting will be held at Kalamazoo on the second Tuesday in February, 1886.

Grand Army of the Republic, Department of Michigan.— *Commander*, Charles D. Long, Flint; *Senior Vice-Commander*, G. L. Fisher, Fowlerville; *Junior Vice-Commander*, H. F. Higgins, Petoskey; *Assistant Adjutant General*, Oscar F. Lochhead, Flint; *Assistant Quartermaster General*, Ira H. Wilder, Flint; *Inspector*, C. G. Hampton, Detroit; *Medical Director*, Norman Johnson, Bay City; *Chaplain*, E. P. Gibbs, Grand Haven; *Judge Advocate*, Dan Griffith, Jackson; *Chief Mustering Officer*, Wm. G. Gage, East Saginaw; *Council of Administration*, James W. Romeyn, Detroit, George E. Aiken, Bay City, C. O. Jennison, Greenville, Albert Dunham, Jackson, J. D. Ronan, Monroe.

Number of Posts January, 1885, 294; members, 14,596; net increase during 1884, seventy-three posts and 3,861 members. Department encampment for 1886 will be held at Jackson.

Woman's Relief Corps.— *Department President*, Mrs. Emma S. Hampton, Detroit; *Secretary*, Mary B. Durfee, Detroit.
Auxiliary to the Grand Army of the Republic.

State Medical Society.— *President*, Donald Maclean, M. D., Detroit; *Vice-Presidents*, J. Perkins, M. D., Owosso, J. M. Cook, M. D., Muskegon, Gordon Chittock, M. D., Jackson, Carl Brumme, M. D., Detroit; *Secretary*, George E. Ranney, M. D., Lansing; *Treasurer*, A. R. Smart, M. D., Hudson.

Nineteenth annual meeting June 10, 1885, at Port Huron.

Republican State Committee.— *Chairman*, Philip T. VanZile†

† Members of Executive Committee.


*Member National Committee*, John P. Sanborn, Port Huron.

Democratic State Committee.— *Chairman*, Jerome Eddy, Flint; *Treasurer*, I. M. Weston, Grand Rapids; *Secretary*, H. F. Pennington, Charlotte. *Members*, 1st Dist., John J. Enright† and John Miner, Detroit; 2d, E. J. Smith, Adrian; John Strong, Rockwood; 3d, H. F. Pennington,† Charlotte; Enoch Bancker, Jackson; 4th, H. C. Sherwood, Watervliet; A. J. Shakespeare, Kalamazoo; 5th, I. M. Weston,† Grand Rapids; Geo. D. Sanford, Grand Haven; 6th, Quincy A. Smith, Williamston; Elliot R. Wilcox, Pontiac; 7th, Isaac T. Beach,† Almont; W. T. Bope, Bad Axe; 8th, Frank Lawrence, East Saginaw; James S. Crosby, Greenville; 9th, W. B. Wilson, Muskegon; Charles E. Ressiguie, Custer; 10th, C. J.
Pailthorp, Petoskey; Lucien S. Coman, Bay City; 11th, Thomas L. Brady, Houghton; G. L. Trompe, Sault Ste. Marie.

Member National Committee, Don M. Dickinson, Detroit.

Union (Prohibition) State Committee.—Chairman, Samuel Dickie, Albion; Secretary and Treasurer, William A. Taylor, Lansing. Members—1st Dist., Caleb S. Pitkin, Detroit; A. D. Power, Northville; 2d, G. P. Waring, Ridgeway; John Shoemaker, Ann Arbor; 3d, M. J. Fanning, Jackson; Wm. C. Gage, Battle Creek; 4th, A. Sherwood, New Troy; A. Alcott, Kalamazoo; 5th, J. H. Tatem, Grand Rapids; A. B. Cheney, Sparta; 6th, D. H. Stone, Holly; C. L. Randall, Danville; 7th, Robert King, Lapeer; Calvin Bush, Mt. Clemens; 8th, E. L. Brewer, Owosso; Isaac E. Springer, Saginaw City; 9th, W. W. Barcus, Muskegon; Wm. H. Barry, Shelby; 10th, A. M. Webster, East Tawas; Silas A. Lane, Vassar; 11th, P. Ross Parish, Calumet; O. E. Downing, Ishpeming.

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MICHIGAN STATE TROOPS. COMMANDER IN CHIEF.

His Excellency Russell A. Alger, Governor.

STAFF.—Adjutant-general, Brig.-Gen'l John Robertson, Detroit; Inspector-General, Brig.-Gen'l James H. Kidd, Ionia; Quartermaster-General, Brig.-Gen'l George A. Hart, Manistee; Aides-de-Camp, Cols. A. T. Bliss, Saginaw, D. B. Ainger, Charlotte, J. N. Cox, Calumet, J. A. Kellogg, Niles; Military Secretary, Major G. R. Osmun, Detroit; Paymaster General, Col. O. A. Janes, Hillsdale; Judge Advocate, Major A. F. Parsons, Howell.

STATE MILITARY BOARD. — The Inspector-General, ex-officio, Col. Henry M. Duffield, Detroit, and Col. Charles D. Long, Flint.

**FIRST REGIMENT.**

Field and Staff.— *Colonel*, D. Henry McComas, Lansing; *Lieutenant-Colonel*, Benjamin F. Wheeler, Adrian; *Major*, Elmer W. Bowen, Ypsilanti; *Surgeon*, Charles M. Woodward, Tecumseh; *Ass’t Surgeon*, Thomas Sullivan, Ann Arbor; *Chaplain*, George B. Stocking, Lansing; *Adjutant*, William P. Appleyard, Lansing; *Quartermaster*, Harrison Soule, Jackson.


**SECOND REGIMENT.**


THIRD REGIMENT.

Field and Staff.— Colonel, Charles S. Brown, Flint; Lieutenant-Colonel, Robert M. Donelly, Alpena; Major, Charles R. Hawley, Bay City; Surgeon, Hiram R. Mills, Port Huron; Assistant Surgeon, Arthur Wilkinson, Alpena; Chaplain, Henry M. Curtis, Flint; Adjutant, Hart M. Sperry, Flint; Quartermaster, William B. Atwood, Flint.


FOURTH REGIMENT.

Field and Staff.— Colonel, Eugene Robinson, Detroit; Lieutenant-Colonel, August Goebel, Detroit; Major, Patrick J. Sheahan, Detroit; Surgeon, James B. Book, Detroit; Assistant Surgeon, John E. Clark, Detroit; Chaplain, G. Mott Williams, Detroit; Adjutant, J. Irvin Haight, Detroit; Quartermaster, Frederick W. Brede, Detroit.


THE STATE FINANCES.
The report of State Treasurer Butler for the fiscal year, ending September 30, 1884, showed the State to be practically out of debt and in a prosperous and gratifying financial condition. The bonded debt consisted of $12,150 past-due Five Million Loan Bonds and $234,000 7 per cent. 1890 War Bounty Loan Bonds. The credit balances of the several funds were as follows:

General Fund $753,568 Agricultural College Interest Fund 5,117 Normal School Interest Fund 994 Primary School Interest Fund 363,245 Sundry Deposits Account 4,909 War Fund 8,570 St. Mary's Canal Fund 68,927 War Bounty Loan Bond Account 234,000 $1,439,330

To meet which there were in the Sinking Fund $297,000 in U. S. 4½ per cent. Bonds and a cash balance in bank of $1,142,330.

The Trust Fund Debt, composed of balances upon which the State, as trustee, pays interest for educational purposes, was:

Agricultural College Fund $272,327 Normal School Fund 61,285 Primary School Fund (7 per cent.) $3,124,810 " " " (5 per cent.) 359,376 3,484,186 University Fund 495,823 Making an aggregate of $4,313,621

The receipts and disbursements during the fiscal year may be summarized as follows:—

RECEIPTS — GENERAL FUND.

Balance, September 30, 1883 $585,187 Auditor-]General's Office, — Taxes, etc. Tax Histories, Statements, and Deeds $3,689 Delinquent Taxes, etc. 172,995 State Tax Lands, Act 229 of 1881 119,124 295,797 County Treasurers—Taxes and Proceeds of Sales $1,804,491 State Prison, Convict Labor 59,656 Fees, Licenses, etc 7,272 Interest on Specific Taxes, Surplus Funds and U. S. Bonds 48,168 Sales of Michigan Reports and Documents, and Refunds 1,857 Sales of State Lands and 5 per cent. on U. S. Sales of Lands 41,955 Liquor Tax, Rents, Taxes on part-paid Lands, etc. 10,441 Transfers from Agricultural College Fund $13,803 Normal School Fund 420 Primary School Fund 70,434 Specific Tax Fund 42,844 Swamp Land Fund 117,523 University Fund 2,421 247,445 Total $3,102,268
DISBURSEMENTS—GENERAL FUND.

Appropriations— Eastern Asylum for the Insane $11,250 Michigan Asylum for the Insane 8,546 Northern Asylum for the Insane 151,251 Asylum for Insane Criminals 27,589 Institution for Educating Deaf and Dumb 74,200 Michigan School for the Blind 64,083 $336,919 12 Board of Corrections and Charities $3,884 Board of Fish Commissioners 10,000 Bureau of Labor and Industrial Statistics 4,691 Immigration Agency 8,000 State Board of Health 5,759 $32,334 Agricultural College 30,306 State Normal School 28,288 State Public School for Dependent Children 39 150 University of Michigan 90,875 188,619 Michigan State Reform School 76,250 State House of Correction 1,700 State Industrial Home for Girls 48,486 126,438 Howell Compilation 47 500 Military Account 40 029 Michigan in the War 5,568 Other Miscellaneous Appropriations 23,084 116,181 Expenses of State Government— Awards of Board of State Auditors 151,188 Conveyance and Apprehension of Convicts 33,401 Expenses State Prison 78,656 Expenses State House of Correction 82,000 Support of Insane 194,861 Miscellaneous Expenses of Institutions 6,101 395,101 Expenses of Courts and Costs of Suits 7,067 Refunds of Taxes, Interest, etc. 21,704 Salaries State Officers, Clerks and Judges 242,773 Taxes—Expenses, County Funds, etc. 628,579 Miscellaneous Expenses 5,019 Transfers to Primary School Fund 9,706 Swamp Land Fund 87,160 96,866 Balance, September 30, 1834 753,568 Total $3,102,268

SPECIFIC TAX FUND—RECEIPTS.

From Railroad Companies $617,629 Fire and Life insurance Companies 126,065 Mining Companies 43,306 Telegraph and Telephone Companies 10,145 Other Companies 5,454 $802,599

DISBURSEMENTS.

Transfers to Agricultural College Int. Fund $18,739 General Fund 42,844 Normal School Interest Fund 3,662 Primary School Interest Fund 673,438 Two Million Loan Sinking Fund 10,313 University Interest Fund 18,585 War Fund 18,585 Refunded 400 $802,599

GOVERNORS OF MICHIGAN.

FRENCH CANADIAN GOVERNORS.

APPOINTED.
Samuel de Champlain, Lieut. General and Viceroy 1612
Marc Antoine de Bras-de-Fer de Chasteaufort, Viceroy 1635
Charles Huault de Montmagny, Governor and Lieut. General 1636
Louis d'Ailleboust de Coulorges 1648
Jean de Lauson 1651
Charles de Lauson-Charney 1656
Chevalier Louis d'Ailleboust de Coulorges 1657
Pierre de Voyer, Viscomte d'Argenson 1658
Pierre du Bois, Baron d'Avangour 1661
Chevalier Augustin de Saffrey-Mesey 1663
Alexandre de Prouville, Marquis de Tracey, Viceroy 1663
Chevalier Daniel de Remy de Courcelles, Governor and Lieut. General, 1665
Louis de Buade, Comte de Palluan et de Frontenac 1672
Antoine Joseph le Febvre de la Barre 1682
Jacques Rene de Brisay, Marquis de Denouville 1689
Louis de Buade, Comte de Pullman et de Frontenac 1689
Chevalier Louis Hector de Callieres 1699

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Phillippe de Rigaud, Marquis de Vaudreuil 1703

Charles le Moyne, Baron de Longueuil 1725

Charles, Marquis de Beauharnois 1726

Rolland Michel Barrin Comte de la Galissonniere 1747

Jacques Pierre de Taffanel, Marquis de la Jonguiere 1749

Charles le Moyne, Baron de Longueuil 1752

Le Marquis Duquesne de Menneville 1752

Pierre Francois, Marquis de Vandreuil-Cavagnal 1755

BRITISH CANADIAN GOVERNORS.

Sir Jeffrey Amherst, Major General and Commander-in-Chief 1760

Sir James Murray, Governor of Quebec 1765

Paulus Emilius Irving, President 1766

Brig. General Guy Carleton, Lieut. Governor and Commander in-Chief 1766

Hector Theophilus Cramahe, Lieut. Gov. and Commander-in-Chief 1770

Major General Guy Carleton, Governor General 1774

Sir Frederick Haldimand, Governor General 1778

Henry Hamilton, Lieut. Governor 1784
Henry Hope, Lieut. Governor 1785

Guy Carleton, Lord Dorchester, Governor General 1786

Col. John Graves Simcoe, Lieut. Governor of Upper Canada 1792

GOVERNORS OF THE NORTHWEST TERRITORY.

Major General Arthur St. Clair 1787

Winthrop Sargent, Secretary and Acting Governor in 1796.

GOVERNOR OF INDIANA TERRITORY.

William Henry Harrison 1800

GOVERNORS OF MICHIGAN TERRITORY.

General William Hull March 1, 1805

General Lewis Cass October 29, 1813

William Woodbridge, Secretary and Acting Governor at various periods from August, 1818, to July, 1827.

James Witherell, Secretary and Acting Governor January 1, to April 2, 1830.

John T. Mason, Secretary and Acting Governor, September 24 to October 4, 1830, and April 4 to May 27, 1831.

Stevens Thomson Mason, Secretary and Acting Governor, August 1 to September 17, 1831.
George B. Porter.  
b  Died July 6, 1834.

August 6, 1831

Stevens Thomson Mason, Secretary and Acting Governor, October 30, 1831, to June 11, 1832 May 23 to July 14, August 13 to 28 and September 5 to December 14, 1833; and February 1 to 7, 1834.

Stevens Thomson Mason, *ex officio* as Secretary July 6 1834

Charles Shaler (declined) August 29, 1835

John S, Horner, Secretary and Acting Governor September 8, 1835

**GOVERNORS OF THE STATE OF MICHIGAN.**

**INAUGURATED.**

Stevens Thomson Mason†

† Re-elected.

November 3, 1835

Edward Mundy, Lieut. Governor and Acting Governor April 13 to June 12 and Sept. 19 to Dec. 9, 1838.

William Woodbridge,c

c Elected United States Senator and resigned, February 23, 1841.
January 7, 1840

James Wright Gordon, Lieut. Governor and Act’g Gov’nor, February 24, 1841

John S. Barry† January 3, 1842

Alpheus Felch,d
d Elected United States Senator and resigned, March 3, 1847.

January 5, 1846

William L. Greenly, Lieut. Governor and Act’g Governor March 4, 1847

Epaphroditus Ransom January 3, 1848

John S. Barry January 7, 1850

Robert McClelland† e
e Appointed Secretary of the Interior and resigned, March 7, 1853.

January 1, 1852

Andrew Parsons, Lieut. Governor and Acting Governor March 8, 1853

Kinsley S. Bingham† January 3, 1855

Moses Wisner January 5, 1859

Austin Blairn† January 2, 1861

Henry H. Crapo† January 4, 1865

Henry P. Baldwin† January 6, 1869
THE THIRTY-THIRD LEGISLATURE.
1885–86.

SENATORIAL DISTRICTS AND SENATORS.

*President* — Lieut. Gov. Archibald Buttars, of Charlevoix.

*Secretary* — Lewis M. Miller, Mt. Clemens.

First—5th, 7th, 9th, 11th and 13th Wards of the City of Detroit and the Townships of Greenfield, Hamtramck and Grosse Point, in the County of Wayne— *Michael Greiner*, Connor's Creek.

Second—1st, 2d, 3d, 4th, 6th and 8th Wards of the City of Detroit, in the County of Wayne— *Thomas D. Hawley*, Detroit.

Third—10th and 12th Wards of the City of Detroit, the Townships of Browns town, Canton, Dearborn, Ecorse, Huron, Livonia, Menguagon, Nankin, Plymouth, Redford, Romulus, Springwells, Sumpter, Taylor and Van Buren and the City of Wyandotte, in the County of Wayne— *James Heuston*, Northville,
Fourth—County of Washtenaw—Reuben Kempf, Ann Arbor.

Fifth—County of Monroe—Christian Hertzler, Erie.

Sixth—County of Lenawee—Manson Carpenter, Woodbridge.

Seventh—County of Jackson—Michael Shoemaker, Jackson.

Eighth—County of Calhoun—Charles Austin, Battle Creek.

Ninth—Counties of Hillsdale and Branch—George A. Smith, Somerset.


Eleventh—Counties of Berrien and Case—Harvey C. Sherwood, Watervliet.

Twelfth—Counties of Van Buren and Allegan—Charles J. Monroe, South Haven.

Thirteenth—Counties of Barry and Eaton—John Carveth, Middleville.

Fourteenth—Counties of Ingham and Clinton—Orrin G. Fennell, De Witt.

Fifteenth—County of Oakland—Samuel W. Smith, Pontiac.

Sixteenth—Counties of Macerob and Lapeer—Joshua Manwaring, Lapeer.

Seventeenth—County of St. Clair—William M. Clime, Port Huron.

Eighteenth—Counties of Sanilac and Huron—Carl Heisterman, Bad Axe.

Nineteenth—County of Genesee—Horace C. Spencer, Flint.

Twentieth—Counties of Livingston and Shiawassee—Henry H. Pulver, Laingsburg.
Twenty-First—Counties of Ionia and Montcalm—James W. Belknap, Greenville.

Twenty-Second—County of Kent—John L. Curtiss, Grand Rapids.

Twenty-Third—Counties of Ottawa and Muskegon—John W. Moon, Muskegon.

Twenty-Fourth—Counties of Gratiot, Isabella, Clare and Midland—Henry Woodruff, Farwell.

Twenty-Fifth—County of Saginaw—George Davenport, East Saginaw.

Twenty-Sixth—Counties of Mason, Lake, Newaygo and Oceana—Edward E. Edwards, Fremont.

Twenty-Seventh—Counties of Mecosta, Osceola, Wexford and Manistee—Fitch Phelps, Big Rapids.


Thirtieth—Counties of Bay and Tuscola—Lewis C. Davis, Vassar.

Thirty-First—Counties of Marquette, Menominee, Delta, Schoolcraft, Chippewa and Mackinac—Samuel M. Stephenson, Menominee.

Thirty-Second—Counties of Houghton, Ontonagen, Baraga, Keweenaw and Isle Royale—Jay A. Hubbell, Houghton.
Republicans in Roman, 18. Fusionists in italic, 14. # Re-elected.

**HOUSE OF REPRESENTATIVES.**

*Speaker* — Newcomb Clark, of Bay County.

*Chief Clerk* — #Daniel L. Crossman, Williamston.


Alpena, Montmorency, Presque Isle—James A. Case, Alpena.

Arenac—Included in Second District of Bay County.

Barry— *Orson Swift*, Maple Grove.

Bay—1. *Hamilton M. Wright*, Bay City; 2. #Newcomb Clark, West Bay City.


Branch—1. Milo D. Campbell, Quincy 2. Amos Gardner, Matteson.


Cass—#Robinson J. Dickson, Dowagiac.


Delta, Chippewa; Mackinac, Schoolcraft—Henry M. Mason, St. Ignace.


Emmet, Charlevoix, Cheboygan— *Charles S. Hampton*, Harbor Springs.
15
Grand Traverse, Manitou—James L. Gibbs, Mayfield.
Gratiot—Henry A. Weiss, Elm Hall.
Houghton—Seth D. North, Hancock.
Huron—Lansing E. Lincoln, Sand Beach.
Ionia—1. Andrew J. Webber, Ionia; 2. Edwin R. Williams, Ionia.
Iosco, Alcona, Crawford, Oscoda, Otsego, Ogemaw—Daniel P. Markey, West Branch.
Isabella, Clare—Free Estee, Mr. Pleasant.
Kent—1. Madison J. Ulrich, Melbourne H. Ford, Grand Rapids; 2. George P. Stark,
Cascade; 3. Leonard M. Sellers, Cedar Springs.
Lapeer—1. Mark N. Kelley, Metamora; 2. Joseph Manwaring, Dryden

Livingston—#George Coleman, Howell.

Macomb—1. # Daniel G. Gleason, Richmond; 2. Hieronymus Engelmann, Center Line.

Manistee—# Robert R. Blacker, Manistee.

Marquette—William M. Kirkpatrick, Palmer

Mason—Philip P. Shorts, Ludington.

Mecosta—William T. Jones, Morley

Menominee—James A. Crozer, Menominee.

Midland, Gladwin, Roscommon—Floyd L. Post, Coleman.


Newaygo—John W. McNabb, Fremont.


Oceana—Theodore G. Houk, Elbridge.

Ontonagon, Baraga, Isle Royale, Keweenaw—Alonzo C. Davis, L'Anse.

Osceola—Ellery C. Cannon, Evart.
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St. Joseph—1. # John W. Bentley, Mendon; 2. James Johnson, Sturgis.

Tuscola—1. #Eleazer B. Hayes, Watrous ville; 2 # Cyrenius P. Black, Caro.


Wexford, Kalkaska, Lake, Missaukee—George Oviatt, Chase.

[Republicans in Roman, 52. Democrats and Fusionists in Italic , 48. # Reelected.]

The Legislature is composed of thirty-two Senators and one hundred Representatives and holds its sessions biennially, commencing on the first Wednesday in January of the odd numbered years. Members receive compensation of three dollars per diem during the session. The present Legislature will reapportion the senatorial and representative districts
in accordance with the census of 1884. The total population being 1,856,217, gives a ratio of 58,000 for the thirty-two Senators and 18,562 for the one hundred Representatives.

THE JUDICIARY.

THE SUPREME COURT.

Chief Justice—Thomas M. Cooley, Ann Arbor Dec. 31, 1885, $4,000 Associate Justice—James V. Campbell, Detroit Dec. 31, 1887, 1,000 Thomas R. Sherwood, Kalamazoo Dec. 31, 1889, 4,000 John W. Champlin, Grand Rapids Dec. 31, 1891, 4,000 Clerk—Charles C. Hopkins, Detroit Fees. Reporter—Henry A. Chaney, Detroit $1,500

The Court holds four terms annually in Lansing, commencing on the Tuesday after the first Monday in January, April, June and October.

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CIRCUIT COURTS.

January, 3d Monday April, 4th Monday September. 22 Chauncy Joslin Ypsilanti Monroe 1st Monday February and April, 2d Monday September, 1st Monday Nov. Washtenaw 1st Tuesday March, May, October, December. 23 Jonathan B. Tuttle East Tawas Alcona 3rd Tuesday February, last Tuesday June and September. Crawford 4th Tuesday February, 3rd Tuesday June, 4th Tuesday September. Iosco 1st Tuesday February, 2d Tuesday May and October. Oscoda Thursday after 4th Tuesday February, Friday after 2d Tuesday June. 24 Levi L. Wixson Lexington Huron 1st Tuesday January, March and June, 4th Tuesday September. Sanilac 3rd Tuesday January and April, 4th Tuesday June and October. Tuscola 1st Tuesday February, May, September and December. 25 Claudius B. Grant Houghton Delta 4th Monday February and June, 2nd Monday October. Marquette 1st Monday March and June, 3rd Monday September and December. Menominee 2d Monday February, 1st Monday May, September and December. 26 Frank Emerick Alpena Alpena 2d Tuesday February, 1st Tuesday May, 2d Tuesday August, 3d Tuesday Oct. Montmorency 1st Tuesday February and June. Otsego 1st Tuesday March, 4th Tuesday May, 1st Tuesday October. Presque Isle 3d Tuesday January and May, 2d Tuesday October. 27 Ceylen C. Fuller Big Rapids Mecosta 1st Tuesday February, May, September and December. Newaygo 1st Tuesday January, March, June and October. 28 Silas S. Fallas Cadillac Benzie 1st Tuesday January, 3d Tuesday August. Kalkaska 1st Tuesday February, 3d Tuesday May, 1st Tuesday September. Missaukee 2d Tuesday February, 3d Tuesday May, 1st Tuesday September. Roscommon 2d Tuesday January, 1st Tuesday May, 4th Tuesday August. Wexford 3d Tuesday January, 2d Monday May, 2d Tuesday September.


COUNTY

Library of Congress


OFFICERS.

### Facts and Figures about Michigan


#### NATIONAL BANKS And their condition at the close

<table>
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<tr>
<th>PLACE</th>
<th>NAME OF BANK</th>
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Clapp Loyd B. Hess Charlotte First National Bank Ellzey Hayden Edw. S. Lacy Merchants'
Nat'l Bank P. S. Spaulding Geo. M. Ely Cheboygan First National Bank John W. McGinn
Geo. F. Raynolds Coldwater Coldwater Nat'l Bank (c) Henry C. Lewis George Starr
Southern Michigan Nat'l Caleb D. Randall Lester E. Rose Constantine. First National Bank
G. I. Crossett W. W. Harvey Farmer's National Bank (c) Chas. W. Cond C. H. Barry, Jr
Corunna First National Bank (d) Wm. McKellops Albert T. Nichols Decatur First National
Bank Alex. B. Copley L. Dana Hill Detroit First National Bank Emory Wendell Lorenzo E.
Clark American Nat'l Bank (e) Alex. H. Dey Geo. B. Sartwell. Commercial Nat'l Bank Hugh
McMillan M. L. Williams Detroit National Bank H. P. Baldwin C. M. Davison Merchants'
& Mt'rs Nat'l Theo. H. Hinchman Fred Marvin East Saginaw First National Bank Erastus
Saginaw Nat'l Bank John G. Owen S. S. Wilhelm Home National Bank Wellington R.
Flint First National Bank. (f) David S. Fox Chas. S. Brown Citizens' National Bank R. J.
Whaley H. C. VanDeusen Flushing First National Bank Oscar F. Clarke George Packard.
Grand Haven First National Bank Dwight Cutler George Stickney Grand Rapids Fourth
National Bank Andrew J. Bowne H. P. Baker City National Bank (g) Thos. D. Gilbert J.
Fred Baars Grand Rapids National Edwin F. Uhl Wm. Widdicomb Old National Bank
Martin L. Sweet H. J. Hollister Greenville First National Bank Manning Rutan Henry Hill
City National Bank Wm. D. Johnson LeRoy Moore Hancock First National Bank Seth
Hayes, Ass't Hillsdale First National Bank Frank M. Stewart Chas. F. Stewart Second
National Bank (h) Charles W. Waldron Corvis M. Barre. Holly First National Bank Jas. C.
Simonson E. M. Newell Houghton First National Bank (i) Z. W. Wright J. B. Sturgis Ionia
First National Bank Alonzo Sessions F. A. Sessions Second National Bank G. W. Webber
H. B. Webber Ishpeming Ishpeming Nat'l Bank C. H. Hall A. B. Miner Ithaca First National
Bank R. M. Steel J. W. Lewis Jackson People's Nat'l Bank (j) John M. Root Willard C.
Lewis Kalamazoo First National Bank E. O. Humphrey F. A. Smith City National Bank
Michigan Nat'l Bank. (k) John W. Taylor Albert Henry Lansing Lansing National Bank,
Orlando M. Barnes M. L. Coleman Lapeer First National Bank Henry K. White Chester
G. White Leslie First National Bank M. E. Rumsey W. W. Peirson Lowell Lowell National
Geo. N. Stray Manistee First National Bank Thos. J. Ramsdell Geo A. Dunham Manistee

Facts and Figures about Michigan; a hand-book of the state, statistical, political, financial, economical, commercial. By Frank J.
Bramhall http://www.loc.gov/resource/lhbum.06983
National City Bank George W. Bentley John R. Bentley. Mason First National Bank H.
P. Henderson, V. P H. L. Henderson Milford First National Bank Ambrose C. Orvis S. H.
Wilhelm Monroe First National Bank (n) Frederick Walldorf George Spalding h. t. Pleasant
First National Bank Robert M. Steel D. S. Partridge Muskegon Lumberman's Nat'l Bank C.
Davis C. C. Billinghurst Merchants' Nat'l Bank John Torrent W. B. McLaughlin Muskegon
National Bank C. H. Hackley Frank Wood Niles First National Bank Thomas L. Stevens
Chas. A. Johnson Citizens' National Bank Joseph C. Larimore Francis M. Gray Owosso
First National Bank (o) T. D. Dewey C. E. Hershey 21

OF MICHIGAN of business, September 30, 1884.

<table>
<thead>
<tr>
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<th>Capital paid in</th>
<th>Circulation outstanding</th>
<th>Deposits</th>
<th>Loans and Discounts</th>
<th>Loans and Discounts</th>
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116,042 50,612 39,446 1780 125,000 112,500 118,271 222,405 125,000 36,936 20,553 2708 50,000 36,000 15,065 45,867 43,200 10,381 4,769 1849 200,000 90,000 226,670 328,425 100,000 167,727 39,369 2611 300,000 90,000 167,727 39,369 2611 300,000 90,000 167,727 39,369 2611 300,000 90,000 167,727 39,369 2611 300,000 90,000 167,727 39,369 2611 300,000 90,000 167,727 39,369 2611

PLACE. NAME OF BANK. PRESIDENT. CASHIER. Paw Paw First National Bank. (p)
### Facts and Figures about Michigan; a hand-book of the state, statistical, political, financial, economical, commercial.

By Frank J. Bramhall

http://www.loc.gov/resource/lhbum.06983

<table>
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<tr>
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<th>NAME OF BANK</th>
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<td>Adrian Lenawee Co.</td>
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<td>Christian Mack C. E. Hiscock Farmers &amp; Mechanics Bk</td>
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and Mortgages include United States Bonds deposited to secure circulation
Banks and Bankers and from Approved Reserve Agents, Real Estate,
Furni-items include all cash on hand, Cheeks, Certificates of Deposit and amounts

Capital. Deposits. Undivided Profits, etc. Loans and Discounts. Stocks, Bonds and
Mortgages. Due from Banks, etc. Cash Items. $60,000 $313,241 $42,470 $2,444
$386,917 $29,674 $21,446 50,000 366,903 48,405 235,476 168,081 20,912 37,607
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5,500 50,000 291,604 50,351 326,700 36,919 24,724 100,000 492,045 37,484 532,266
80,623 38,021 40,840 73,016 2,654 75,574 10,000 26,693 (See Dues) 50,000 10,861
46,220 (See Cash) 9,140 50,000 377,359 23,361 196,438 25,000 142,084 81,072 15,000
12,321 1,140 22,945 1,136 4,206 50,000 89,451 5,841 120,132 15,815 6,307 200,000
2,441,911 99,487 1,696,982 422,000 386,408 163,863 40,400 96,903 1,798 101,724
23,318 8,8611 100,000 800,776 4,969 347,490 68,284 215,053 268,731 100,000 58,599
3,382 117,954 2,419 34,821 100,000 761,523 18,942 711,961 36,429 99,362 29,043
145,000 736,335 21,637 226,211 521,205 103,525 49,598 500,000 3,275,347 51,150
2,981,489 166,928 561,777 82,609 150,000 297,049 8,078 368,401 77,576 6,649 150,000
3,243,503 a 203,852 2,796,957 See Loans. 676,736 (See Dues) 50,000 447,795 20,756
342,218 40,285 131,282 (See Dues) 50,000 29,009 50,055 15,578 3,132 10,625 50,000
52,252 48,674 28,501 23,280 100,000 215,410 6,389 130,646 163,922 18,140 9,952
50,000 248,495 31,561 197,496 70,630 28,999 13,984 50,000 63,632 1,728 95,150
10,776 5,934 60,000 24,206 518 62,403 9,428 10,552 100,000 415,340 196,847 573,460
41,491 69,235 100,000 165,820 5,570 109,496 70,915 37,086 21,407 30,000 110,048
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50,000 65,336 4,439 95,376 3,072 7,383 48,000 32,488 2,650 61,252 10,650 7,933
50,000 150,250 20,238 181,549 10,172 15,715 25,000 21,487 1,252 38,946 5,855 3,623
50,000 139,737 8,398 150,527 28,605 15,622 100,000 274,536 27,848 362,827 51,534
3,190 50,000 89,208 74,866 21,261 24,397 16,761 40,000 163,977 16,964 182,176
23,267 20,981 50,000 111,706 3,714 156,123 3,084 4,072 24

THE RAILROADS OF MICHIGAN, 1883.
### RAILROADS

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<th>Railroad</th>
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<th>Miles Operated</th>
<th>Earnings</th>
<th>Expenses</th>
<th>Stock Paid in per Mile</th>
<th>Cost of Road and Equipm't</th>
<th>Bay View, Little Traverse &amp; Mackinac</th>
<th>Chicago &amp; Canada</th>
<th>Southern 67.60</th>
<th>Detroit &amp; Canada Grand Trunk Junction 59.37</th>
<th>Ontario Northern Central</th>
<th>Michigan Air Line Railway 35.00</th>
<th>Saginaw Bay &amp; Northwestern 42.90</th>
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<td>176,783</td>
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**Facts and Figures about Michigan; a hand-book of the state, statistical, political, financial, economical, commercial. By Frank J. Bramhall**

http://www.loc.gov/resource/lhbum.06983
Railroad construction in Michigan began at an early period. In 1832, less than two years after the opening of the London & Manchester Railway and but a year after the first railroad was operated in America, the Legislative Council of the Territory of Michigan incorporated the Detroit & St. Joseph Railroad. The building of the road began in 1836, but before completing any part of it the company sold its property and franchises to the State, April 22, 1837. Under State, management it was completed from Detroit to Ypsilanti in February, 1838; to Ann Arbor in October, 1839; to Jackson at the close of 1841; to
Marshall in August, 1844; to Battle Creek in November, 1845, and to Kalamazoo February 2, 1846. In the following summer the road was sold to the Michigan Central Railroad Company for $2,000,000 and possession given on the 24th of September. The line was finally completed to Chicago in May, 1852. The Michigan Southern was commenced by the State in 1837, completed from Monroe to Hillsdale in the latter part of 1843 and sold to the corporation in 1846. The Detroit & Pontiac Railroad was chartered in 1834 and completed ten years later. The State constitution of 1850 forbade the granting of special charters and all subsequent incorporations have been under general legislation.

Forty years have wrought marvelous changes, many of which are exhibited in the accompanying tables compiled from the reports of the companies for the year ending December 31, 1883. The total amount of stock then paid in amounted to upwards of $260,000,000 owned by 13,807 stockholders, 3,701 of whom were citizens of Michigan holding stock of the par value of very nearly $8,000,000. Of the latter 3,187 held stock in the Michigan Central system and but 514 were stockholders in the other corporations.

During the year the total mileage of passenger trains was, in round numbers, 22,000,000, and of freight trains 40,000,000. The average earnings per train mile were $1.2778 from passenger traffic and $1.5694 from freight, or $1.46 from all business, while the operating expenses were 98.73 cents per train mile, or 60.64 per cent. of the earnings, leaving 47.27 cents for general expenses, interest, dividends and improvements.

| 26 RAILROADS. PASSENGER TRAFFIC. FREIGHT TRAFFIC. Through Passengers. Local Passengers. Total Passengers. Average Rate per Mile Through Local. All. Through Freight. Tons. Local Freight. Tons. Total Tons. Average Rate per Ton per Mile. Through Local. All. | Bay View, Little Traverse & Mackinac | 41 | 36,884 | 36,925 | Cts 2.41 | Cts 2.00 | 542 | 1,888 | 2,430 | Cts 9.725 | Cts 11.997 | Cts 11.506 | Chicago & Canada Southern | 56,284 | 36,925 | 54,803 | 2.861 | Chicago, Detroit & Canada G'd Trunk Junc. | 60,463 | 90,379 | 150,842 | 1.62 | 1.57 | 2.06 | 427,543 | 53,034 | 480,577 | 0.550 | 2.710 | 0.740 | Chicago & Grand Trunk | 179,146 | 341,857 | 521,003 | 1.60 | 2.40 | 1.70 | 985,566 | 145,685 | 113,125 | 1.131,251 | 0.600 | 1.820 | 0.660 | Chicago & North-Western | 8,407,427 | 2.43 | 8,033,693 | 1.350 | 1.675 | Cincinnati, Wabash & Michigan | 751 | 250,401 |
An analysis of the traffic shows an equivalent of 1,026 million passengers carried one mile, the average distance traveled by each passenger being 40.52 miles and the average fare paid $1.11. The total freight ton mileage was 6,230 millions, the average ton haul being 171.62 miles, for which the average amount received was $1.71, or .996 cents per mile. The chief commodities moved were Lumber and forest products 7,646,417 tons; 22.00 per cent.
Merchandise and articles n. e. s 6,299,978 " 17.09 
Grain 5, 494, 111 " 14.77 
Ores 3,173,333 " 9.56 
Animals 1,795,678 " 4.29 
Flour and provisions 1,912,980 " 5.14 
Iron, rails, castings, etc 1,340, 281 " 2.60 

From the reports of ten States presenting complete statements of passenger traffic and earnings, Massachusetts, with but 1,953 miles of road carrying more than 61,500,000 passengers, reports the lowest rate—2.003 cents per mile. New Hampshire and Connecticut, also with small track-mileage and large traffic, come next. The average rate in Wisconsin was 3.12 cents; in Minnesota, 2.84 cents, and in Michigan, 2.72 cents per mile.

The comparative statement of freight traffic, compiled by Commissioner Innes, “shows that, next to Ohio, Michigan has the advantage of the lowest rates of any State in the Union, where reports have reached this office.” He then makes the following significant statement relative to the traffic rates of the chief road of the State, the Michigan Central:

“The Charter of the Michigan Central Railroad Company, passed in 1846, limited the charges which the Company should be authorized to collect upon many specified commodities to the sums or tolls charged in the months of September and October, 1845, upon certain New England railroads, they being the Boston & Lowell, Boston & Providence and Boston & Worcester. The latter, many years since, became a part of the Boston & Albany Railroad, and careful search at the general office of the former fails to elicit any information as to what the tariff actually was by which our most important railroad
corporation is permitted to regulate its freight charges. But, referring to the Massachusetts Commissioner's reports for 1883, we find that the average freight rate for that year on the Boston & Albany was 1.20 cents. On the Boston & Lowell it was 2.90 cents and on the Boston & Providence 2.83 cents per ton per mile. Reference to the report of the Michigan Central for the same period shows that its rate was, on through freight, 0.63 cents; on local, 1.03 cents, and on all freight, 0.83 cents, or less by two thirds than the average rate of the New England companies, by whose charges, nearly forty years ago, its own must be regulated."

Commissioner Innes, in his first report, suggests that “owing to the proximity of market towns to each other, on parallel lines of road, but few points in reality fail to realize the benefit of competitive rates, and that the average difference in freight charges at what is generally considered competitive and non-competitive points is not so great as is commonly believed.” To test this he procured detailed reports of the traffic from non-competitive points on eight of the principal roads of the State and publishes them in his report for 1884, with the following comments:

“A critical examination of the foregoing special reports conclusively shows that as a rule there are few points having superior advantages of others with regard to freight rates. Now and then there seems to be a place, where the tonnage is small and the haul short, that pays a higher average rate than stations affording a larger traffic. But such is the case the country over in similar situation of affairs. It is one of the inevitable sequences of light traffic and short hauls that no legislation is able to avoid. Reference to the recapitulation that I have made of the averages resulting from the special reports shows that the freight rate at the stations included was only 1.36 (cents) per ton per mile, which is believed to be lower (with a single exception) than that of any other State.”

**MICHIGAN AND TERMINAL STATIONS AND MILEAGE.**
CHICAGO & GRAND TRUNK.

OFFICERS.—President, Joseph Hickson, Montreal; General Manager, W. Z. Spicer, Detroit; Traffic Manager, George B. Reeve, Chicago; Secretary, Charles Percy, Detroit; Treasurer, James H. Muir, Detroit; Solicitor, E. W. Meddaugh, Detroit; Chief Engineer, A. B. Atwater, Battle Creek; Mechanical Superintendent, H. Roberts, Port Huron; Superintendent, W. H. Pettibone, Battle Creek.

Fort Gratiot #†‡
Port Huron #†‡
Grand Trunk Jc. #†‡ 3.6
Goodell's †‡ 10.0
Emmet #†‡ 17.8
Capac #†‡ 26.3
Imlay City #†‡ 33.7
Attica #†‡ 37.9
Lapeer #†‡ 46.0
Elba #†‡ 52.5
Davison (Station)# †‡ 56.5
Belsay † ¶ 61.0
Flint † ‡ 65.5
Otterburn † ‡ 71.7
Swartz Creek † ‡ 74.2
Orapo Farm ¶ 75.6
Duffield ¶ ‡ 78.2
Durand # † ‡ 82.3
Bancroft # † ‡ 87.1
Morrice # † ‡ 93.4
Perry # † ‡ 95.6
Shaftsburg # † ‡ 99.9
Pine Lake † ¶ 106.5
Trowbridge # † 112.1
28
Lansing # † ‡ 114.7
Millett † ‡ 119.4
Potterville # † ‡ 126.9
Charlotte # † ‡ 133.9
Olivet (Station) # † 141.3
Bellevue # † ‡ 146.4
Ransom # † ¶ 152.9
Nichols # † 158.6
Battle Creek # † ‡ 159.7
Renton † ¶
Climax # † ‡ 170.2
Scott's # † ‡ 175.1
Indian Lake ¶ 178.1
Vicksburg #† ‡ 183.1
Schoolcraft # † ‡ 188.7
Chamb'lain's (Leesburgh) ¶ ‡ 194.7
Marcellus # † ‡ 199.4
Wakelee # † ‡ 203.9
Penn † ‡ 208.0
Cassopolis # † ‡ 212.7
Edwardsburgh # † ‡ 221.4
MICHIGAN AIR LINE RAILWAY.

Jackson † ¶

Mich. Cent. Cross 1.5

Tanners Leigh (Tanner P.O.) ¶ ‡ 8.3

Henrietta (Wilbur P.O.) ¶ ‡ 10.5

Stockbridge † ¤ 18.3

Gregory ¶ ‡ 23.5

Pinckney ¤ 31.3

Hamburg ¶ 38.5

South Lyon † ¶ 47.0

New Hudson † ¶ 51.0

Wixom † ¶ 56.0

Walled Lake ¶ ¤ 59.4

Orchard Lake ¶ ¤ 66.5

Pontiac † ¤ 70.5

Auburn (Amy) ¶ ¤ 73.5
Rochester † ‡ 79.5
D. & D. C. Cross † 80.5
Shelby ¶ 83.5
Washington ¶ ‡ 85.5
Romero † ‡ 91.5
Armada † ‡ 98.5
Ridgeway (Lenox) † ‡ 105.5

CHICAGO, DETROIT AND CANADA GRAND TRUNK JUNCTION.

Detroit # † ‡
Detroit Junction ‡
Milwaukee Jctn # † 4.5
Fraser # † ‡ 16.2
Mount Clemens. # † ‡ 21.6
Chesterfield ‡ 26.2
New Haven # † ‡ 31.6
Ridgeway (Lenox). # † ‡ 37.5
Smith's Creek # † ‡ 48.2
C. & G. T. Junction. † 55.2

Port Huron # † ‡ 58.6

CHICAGO & NORTH-WESTERN.

OFFICERS.— President, Albert Keep, Chicago; Vice-President, Secretary and Treasurer, M. L. Sykes, New York; 2d V.-P. and General Manager, Marvin Hughitt, Chicago; General Superintendent, C. O. Wheeler, Chicago; Traffic Manager, H. C. Wicker, Chicago; General Passenger Agent, R S. Hair, Chicago; Gen'l Ticket Agent, W. A. Thrall, Chicago; Gen'l Freight Agent, H. R. McCullough, Chicago; Chief Engineer, E. H. Johnson, Chicago; Gen'l Solicitor, B. C. Cook, Chicago; Comptroller, M. M. Kirkman, Chicago.

PENINSULA DIVISION—MAIN LINE.

Ishpeming # † ‡

Negaunee # † ‡ 3.0

Patridge ¶ 6.0

Goose Lake ¶ 8.4

Cascade Junction ¶ † 10.5

Harvey ¶ 11.8

Sands ¶ ‡ 16.0

Plains ¶ 19.8

Cheshire † 22.1
Library of Congress

Little Lake (Forsyth P. O.) ¶ ‡ 24.4

Helena ¶ 30.5

Lathrop † ‡ 35.4

Maple Ridge 40.8

Campbell ¶ 45.5

Beaver ¶ 48.1

Perkins 49.1

Brampton † ‡ 52.4

Mason ¶ 56.2

Bay Siding ¶ 59.8

Flat Rock ¶ 62.2

Escanada # † ‡ 64.8

Pine Ridge ¶ 69.6

Ford River ¶ ‡ 71.5

Narenta † 74.2

Bark River (Barkville P. O.) † ‡ 76.8

Indian Town ¶ 80.3
Library of Congress

Wilson ¶ † ‡ 83.3

Spalding † ‡ 87.1

Powers † ‡ 87.8

Kloman (English) ‡ 90.8

Nadeau † ‡ 93.5

Carney ‡ 95.2

Bagley † ‡ 97.7

Daggett † ‡ 104.2

Stephenson † ‡ 107.5

Ingalls ‡ 110.1

Wallace † ‡ 113.6

Birch Creek 122.2

Menominee # † ‡ 129.2

Fort Howard, Wis. 179.9

ESCANABA & LAKE SUPERIOR LINE.

Narenta †

Alectro 4.7
Library of Congress

Whitney ‡ 9.6
Comus 11.6
Dryads 13.2
Faunus 17.2
Hylas 26.1
Burnt Bluffs 30.5
Metropolitan † ‡ 34.8

MENOMINEE RIVER LINE.

Powers † ‡
Hermansville † ‡ 4.3
Cedar 8.2
Waucedah † ‡ 12.1
Vulcan † ‡ 18.6
Norway †‡ 21.0
Fumee † 23.4
Quinnesec † ‡ 24.5
Iron Mountain # † ‡ 28.7
Libary of Congress

Antoine † 29.6
River Siding 31.5
Spread Eagle 35.9
Hematite 40.0
Commonwealth † 41.2
Florence # † 42.1
Brule 45.6
Stager † ‡ 48.6
Armstrong 55.0
Palatka 65.0
Stambaugh † ‡ 67.1
Iron River †‡ 68.1
Stager † ‡
Mastodon † ‡ 2.2
Panola 5.3
Crystal Falls † ‡ 9.1

CHICAGO & WEST MICHIGAN.
OFFICERS.— President, N. Thayer, Boston; General Manager, J. B. Mulliken, Muskegon; General Superintendent, J. K. V. Agnew, Grand Rapids; General Freight and Passenger Agent, Jason H. Carpenter, Grand Rapids; Chief Engineer, J. W. Petheram, Grand Rapids; Auditor, U. B. Rogers, Muskegon; Purchasing Agent, Allan Bourn, Detroit.

SOUTHERN DIVISION.

Grand Rapids # † ‡

Avenue Junc † .3

Grandville † ‡ 6.0

Jenisonville † 7.2

Hudsonville † ‡ 11.7

Vriesland (Beaver Dam P. O.) ‡ 16.2

Zeeland † ‡ 20.7

29

Holland # † ‡ 35.4

East Saugatuck † ‡ 33.0

New Richmond † ‡ 36.4

Fennville † ‡ 40.6

Bravo † ‡ 46.2

Hoppertown ¶ 48.9
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Library of Congress

Town Line ¶ 111.7

New Buffalo # † ‡ 115.4

La Crosse, Ind. # † ‡ 153.2

NORTHERN DIVISION.

Allegan # † ‡

Mill Grove ¶ ‡ 3.8

Dunning ¶ ‡ 8.2

Gilchrist's ¶ 9.7

Hamilton † ‡ 13.2

Fillmore (Centre) † ‡ 16.8

May ¶ 20.0

Holland # † ‡ 23.0

North Holland ¶ 28.0

West Olive † ‡ 82.5

Bushkill ¶ 34.0

Johnsville † ‡ 36.0

Grand Haven # † ‡ 43.5
Ferrysburg # † ‡ 44.5
Kirk's Junc † 46.3
Pickand's Jc. (Fruitport P. O.) † ‡ 50.1
Mona Lake (Black Lake P. O.) ¶ ‡ 52.0
Third Street # ‡ 56.5
Muskegon # † ‡ 57.0
Big Rapids Junc † 61.0
Dalton ¶
Sweet's ¶ 67.0
Whitehall # † ‡ 73.0
Montague # † ‡ 74.0
Rothbury ¶ ‡ 80.4
New Era † ‡ 84.1
Shelby # † ‡ 88.1
East Golden ¶ 91.2
Mears † ‡ 94.2
Hart † ‡ 97.5
BIG RAPIDS DIVISION.

Muskegon # † ‡
Big Rapids Junc † 4.0
Twin Lake † ‡ 10.4
Holton † ‡ 16.4
Fremont # † ‡ 23.6
Worcester Hill ¶ ‡ 30.0
Alleyton † ‡ 33.8
White Cloud † ‡ 34.7
McLane’s Siding ¶ 40.3
Woodville † ‡ 44.2
Lumberton † ‡ 46.2
Hungerford † ‡ 48.2
Big Rapids # † ‡ 55.2

NEWAYGO DIVISION.

Grand Rapids # † ‡
Library of Congress

Avenue Junc †.3
W. Grand Rapids # † 1.3
D. & M. Crossing † 3.8
G. R. & I. Crossing (Mill Creek P. O.) ‡ 5.6
Alpine ¶‡ 8.7
Englishville ¶† 11.7
Sparta † ‡ 14.8
Kent City † ‡ 20.6
Casnovia † ‡ 22.6
Trent ‡ 24.6
Bailey † ‡ 25.8
Ashland ‡ 28.0
Grant †‡ 31.1
Newaygo # † ‡ 36.7
White Cloud † ‡ 47.3
Diamond Loch † ‡ 52.1
Park City ¶ 54.3
Otia (Dingman) ¶ ‡ 57.9
West Troy Junc † ‡ 61.7
West Troy † ‡ 63.0
Lilley Junc ¶ ‡ 65.4
Sissons Mills 68.0
Roby's Junc 71.1
Baldwin # † ‡ 74.4

CINCINNATI, WABASH & MICHIGAN.

OFFICERS.— President, J. H. Wade, Cleveland; Secretary and Treasurer, W. S. Jones, Cleveland; General Manager, Norman Beckley, Elkhart; General Freight and Ticket Agent, Owen Rice, Elkhart; Superintendent, O. W. Lamport, Wabash; Auditor, J. H. Craig, Elkhart.

Benton Harbor # † ‡
Sodus † 7.0
Eau Claire # † ‡ 13.0
Berrien Center # † ‡ 15.0
Niles # † ‡ 24.0
Truitt's 31.0
DETROIT, BAY CITY & ALPENA.

OFFICERS.— President, R. A. Alger, Detroit; Secretary and Treasurer, J. S. Newberry, Detroit; Ass’t Secretary, J. C. McCaul, Detroit; General Superintendent, Milo Eastman, East Tawas.

Alger ‡
Mofat ¶ 4.4
Shearer ¶ 7.0
Prescott ‡ 11.3
Mills ¶ 15.9
Whittemore ‡ 18.9
Emery ¶ 23.6
Arn 24.9
Hale ¶ 28.6
Tawas City ‡ 34.0
East Tawas ‡ 35.4
Bristol ¶ 38.0
Au Sable ‡ 47.3
DETROIT, GRAND HAVEN & MILWAUKEE.

OFFICERS.—President, Joseph Hickson, Montreal; General Manager, W. J. Spicer, Detroit, Traffic Manager, George B. Reeve, Chicago; Secretary and Treasurer, James H. Muir, Detroit; Solicitor, George Jerome, Detroit; Superintendent, W. J. Morgan, Detroit; Engineer, George Masson, Detroit.

Detroit # † ‡

Milwaukee Jctn # † 4.2

Royal Oak # † ‡ 13.0

Birmingham # † ‡ 18.5

Pontiac # † ‡ 25.7

Drayton Plains # † ‡ 31.3

Waterford # † ‡ 33.5

Clarkston # † ‡ 35.2

Davisburg # † ‡ 41.5

Holly # † ‡ 46.5

Fenton(ville) # † ‡ 50.7

Linden # † ‡ 55.2

Gaines (Station)# † ‡ 63.7
Durand # † ‡ 67.0
Vernon # † ‡ 70.2
Corunna # † ‡ 75.5
Owosso # † ‡ 78.7
Owosso Junction # † 79.2
Ovid # † ‡ 88.7
Shepardsville # † ‡ 91.5
St. Johns # † ‡ 98.0
Fowler # † ‡ 107.5
Pewamo # † ‡ 112.7
Muir # † ‡ 117.7
Ionia # † ‡ 124.0
Saranac # † ‡ 132.5
Lowell # † ‡ 139.5
Ada # † ‡ 148.0
Grand Rapids # † ‡ 157.5
G. R. & I. Jctn # † 158.7
Berlin # †‡ 166.5
Coopersville # †‡ 172.5
Nunica # †‡ 179.7
Spring Lake # †‡ 186.2
Ferrysburg # †‡ 187.0
Grand Haven # †‡ 189.0

DETROIT, LANSING & NORTHERN.

OFFICERS.— President, Alpheus Hardy, Boston; Treasurer, Charles Merriam, Boston; Assistant Treasurer, J. E. Howard, Detroit; General Manager, J. B. Mulliken, Detroit; General Freight, and Passenger Agent, W. A. Carpenter, Detroit; General Accountant and Ticket Agent, J. F. Reekie, Detroit; General Superintendent, Thomas M. Fish, Ionia; Purchasing Agent, Allan Bourn, Detroit.

MAIN LINE.

Detroit # †‡
Springwells # †‡ 3.0
Greenfield † 8.0
Beech †‡ 14.2
Elm ¶‡ 16.0
Stark ‡ 18.5
Plymouth # † ‡ 22.5
F. & P. M. Crossing † 22.7
Salem † ‡ 29.0
South Lyon # † ‡ 34.2
Green Oak ‡ 37.5
Brighton # † ‡ 43.0
Howell # † ‡ 51.5
Fowlerville # † ‡ 60.0
Webberville # † ‡ 65.3
Williamston # † ‡ 71.0
Meridian † ‡ 75.3
Okemos † ‡ 79.2
Trowbridge † 82.7
Lansing # † ‡ 85.2
North Lansing † ‡ 86.2
Delta † ‡ 91.9
Ingersoll's ¶ 93.7
Grand Ledge # † ‡ 96.9
Eagle † ‡ 101.3
Portland # † ‡ 108.9
Collins † ‡ 113.9
Webber's 116.3
Lyons # † ‡ 117.3
Ionia # † ‡ 122.8
Stanton Junction † 127.0
Orleans † ‡ 131.4
Chadwick's 134.2
Kiddville #† 136.3
Belding # † ‡
Greenville # † ‡ 141.5
Gowen † ‡ 147.0
London †
Trufant † ‡ 152.2
Library of Congress

Maple Valley †‡ 154.2
Coral # †‡ 156.4
Howard City # †‡ 160.6

STANTON BRANCH.
Ionia # †‡
Stanton Junction † 4.2
Wood's Corners ‡ 8.4
Shiloh †‡ 10.7
Fenwick †‡ 13.8
Sheridan # †‡ 18.3
Wagers ¶ 19.1
Fish Creek Branch 21.2
Colby ‡ 22.1
Stanton # †‡ 24.2
Wood's Mill ¶ 26.0
Slaght's Mill † 26.4
McBride's †‡ 28.6
Library of Congress

Nelson ¶ 30.3
Graffville ¶ 31.3
Edmore # † ‡ 32.6
Wyman † ‡ 35.8
Remick 37.4
Blanchard † ‡ 41.7
Millbrook † ‡ 44.3
Remus † ‡ 48.3
Mecosta † ‡ 52.8
Rodney † ‡ 59.1
Chippewa Lake †‡
Marshfield 61.3
Big Rapids # † ‡ 67.5

SAGINAW DIVISION.

St. Louis # † ‡
Alma # † ‡ 3.5
Elwell ¶ 8.1
Seville ¶ 9.1
Riverdale † ‡ 11.8
Vestaburg † ‡ 16.7
Rockland ¶ 19.3
Cedar Lake † ‡ 20.0
West's Mill ¶ 21.7
Edmore # † ‡ 23.3
Sumnerville ¶ 28.4
Six Lakes † ‡ 28.9
Belvidere ¶ 31.3
Lake View † ‡ 35.9

SAGINAW VALLEY & ST, LOUIS.

East Saginaw # † ‡
F. & P. M. Crossing# † 1.0
Saginaw City # † ‡ 2.0
Paine's † ‡ 6.0
Swan Creek ¶ 8.9
Library of Congress

Grahams ¶ 10.6

Sand Ridge ¶ 12.3

Hemlock † ‡ 15.6

Porters (Randall P. O.) ¶ ‡ 18.6

Merrill # † ‡ 20.6

Wheeler ‡ 26.1

Breckenridge # † ‡ 28.7

St. Louis # † ‡ 34.2

Alma # † ‡ 38.4

Ithaca # † ‡ 45.1

DETROIT, MACKINAC & MARQUETTE.

OFFICERS— President, James Mcmillan, Detroit; Secretary and Treasurer, Hugh Mcmillan, Detroit; Auditor and Receiving Cashier, E. W. Allen, Marquette; General Superintendent, D. McCool, Marquette; Mechanical Superintendent, John B. Wilson, Marquette; General Freight and Passenger Agent, Frank Milligan, Marquette.

St. Ignace # † ‡

Allenville (Ozark) ¶ ‡ 9.5

Moran ‡ 10.7
Palms (Pines P.O.)† ‡ 19.6

Johnson ¶ 23.0

Trout Lake ¶ 36.7

Newberry # † ‡ 55.0

Dollarville # † ‡ 56.5

McMillan ‡ 63.6

Seney # † ‡ 75.9

Driggs 84.3

Walsh ¶ 87.3

Creighton ¶ 91.5

Jeromeville ¶ 100.9

Reedsboro # 101.9

Munising (Floeter)† ‡ 108.8

Au Train † ‡ 122.0

Ward's ¶ 124.7

Rock River Kilns ¶ 126.9

Onota ¶ ‡ 129.8
FLINT & PERE MARQUETTE.

OFFICERS—President, W. W. Crape, New Bedford; Vice-President and General Manager, H. C. Potter, East Saginaw; Secretary and Treasurer, H. C. Potter, Jr., East Saginaw; Assistant General Manager, D. Edwards, East Saginaw; Superintendent, Sanford Keeler, East Saginaw; Auditor, Gilbert W. Ledlie, East Saginaw.

MAIN LINE.

Monroe # † ‡
Warner 1.2
Grafton ¶ ‡ 9.3
Carleton † ‡ 10.8
Waltz † ¶ ‡ 13.5
Belden † ¶ ‡ 14.7
New Boston † ¶ † 8.1
<table>
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<tr>
<th>Location</th>
<th>Distance</th>
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<td>Wayne</td>
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<td>Canton</td>
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<tr>
<td>Plymouth</td>
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<tr>
<td>D., L. &amp; N. Crossing</td>
<td>33.9</td>
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<td>Northville</td>
<td>37.4</td>
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<td>Novi</td>
<td>41.3</td>
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<td>Wixom</td>
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<td>Highland (Sta.)</td>
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<td>61.2</td>
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<td>Stony Run Siding</td>
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<td>Grand Blanc</td>
<td>75.3</td>
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<td>Flint</td>
<td>82.6</td>
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<tr>
<td>Flint River Junc</td>
<td>87.2</td>
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Mt. Morris † ‡ 90.0
Pine Run † ‡ 94.6
County Line ¶ ‡ 97.9
Birch Run † ¶ ‡ 100.4
Blackmar † ¶ 04.2
Bridgeport † ‡ 09.6
Saginaw City Junc. 113.7
East Saginaw # † ‡ 116.0
J., L. & S. Crossing † 16.5
Drissel 121.8
Freeland † ‡ 26.8
Smith's Crossing 131.2
Midland # † ‡ 135.9
Averill † ‡ 41.7
Sanford † ‡ 144.1
North Bradley † ‡ 150.0
Dorr ¶ 52.4
Coleman †‡ 155.8
Loomis †‡ 60.5
Clare †‡ 65.9
Harrison Junc † 68.3
Farwell # †‡ 170.8
Lake (Crooked L) †‡ 178.2
Chippewa †¶ ‡ 183.9
Sears †‡ 187.9
Evart # †‡ 191.7
Wing's Junc 195.6
Hersey †‡ 201.4
Reed City # †‡ 204.9
Chase †‡ 211.6
Nirvana †‡ 215.6
Forman ¶ ‡ 220.1
Baldwin †‡ 222.6
Wingleton ‡ 225.2
Stearns ¶ 228.5
Branch † ‡ 232.5
Manistee Junc ‡ 236.4
Weldon Creek ¶ ‡ 238.9
Custer † ‡ 241.5
Scottville † ¶ ‡ 244.6
Amber † ¶ ‡ 246.5
Ludington † ‡ 253.3

**BAY CITY DIVISION.**

East Saginaw # † ¶
So. Bay Cy (Portsm'th)† ‡ 10.0
Bay City † ‡ 12.4

**FLINT RIVER DIVISION.**

Flint # † ¶
Junction 4.6
Genesee ‡ 8.2
Robergs(ville) ‡ 0.6
Library of Congress

Otisville †‡ 14.4
Otter Lake †‡ 9.0
Fostoria †‡ 24.0

MANISTEE DIVISION.

Manistee Junction
Tallman †‡ 2.9
Fountain ‡ 8.1
Gun Lake Switch 10.7
Free Soil ‡ 3.4
Stronach †‡ 20.9
Eastlake ¶‡ 23.7
Manistee # †‡ 26.5

SAGINAW & CLARE COUNTY R. R.

Harrison Junction †
Moore's Siding ¶ 2.0
Atwood's Siding ¶ 5.7
Hatton †‡ 7.0
Mann's Siding ¶ 0.2
Rice's Siding ¶ 2.4
Harrison † ‡ 4.7
Arnold Lake 19.9
Hacley & Humes 21.1
Levington Siding 22.9
Frost 23.9
Meredith † 29.6

SAGINAW & MT. PLEASANT R. R.

Coleman † ‡
Wise ‡ 3.8
Delwin ‡ 6.5
Leaton † ‡ 9.0
Jordan 10.3
Isabella 11.7
Mt. Plesant # †‡ 4.5

ST, CLAIR R. R.—SAGINAW CITY DIVISION.
GRAND RAPIDS & INDIANA.

OFFICERS.— President and General Manager, W. O. Hughart; Vice-President and Treasurer, W. R. Shelby; Secretary and Paymaster, J. H. P. Hughart; Auditor, F. A. Gorham; Acting Chief Engineer, G. S. Johnson; General Counsel, T. J. O'brien; Superintendent Northern Division, J. M. Metheany; General Freight Agent, C. E. Gill; General Passenger and Ticket Agent, C. L. Lockwood. All at Grand Rapids.

Richmond, Ind# † ‡

Sturgis # † ‡ 148.9

Perrin ¶ 54.4

Nottawa † ‡ 157.7

Wasepi † ‡ 59.3

Mendon † ‡ 63.6

Portage Lake ¶ 67.5
Vicksburg # † ‡ 172.8
Austin Lake ¶ 77.9
Indian Field ¶ 81.7
Kalamazoo # † ‡ 185.2
Cooper ¶ ‡ 91.1
Travis ¶ 93.5
Plainwell † ‡ 196.5
Monteith † ‡ 201.8
Martin † ‡ 202.9
Shelbyville † ‡ 206.8
Bradley † ‡ 209.9
Wayland † ‡ 212.9
Moline † ‡ 217.4
Ross † ‡ 220.9
Carlisle ¶ 224.2
Fisher's(Station)¶ ‡ 227.0
Grand Rapids # † ‡ 233.8
Library of Congress

W. Grand Rapids 234.9
D. G. H. & M. Cr'g. † 236.6
Belmont ¶ † ‡ 243.5
Rockford † ‡ 247.7
Edgerton ¶ ‡ 250.5
Cedar Springs † ‡ 254.9
Lockwood ¶ ‡ 257.4
Sand Lake † ‡ 260.1
Pierson † ‡ 262.2
Wood Lake ¶ ‡ 264.0
Maple Hill ¶ ‡ 265.7
Howard City # † ‡ 267.8
Reynolds ¶ ‡ 271.2
Morley # † ‡ 274.2
Stanwood † ‡ 280.8
Byers ¶ ‡ 286.1
Big Rapids # † ‡ 289.8
Library of Congress

Upper Big Rapids 290.5

Paris †‡ 295.3

Upper Paris † 296.1

Crapo ¶ †‡ 298.2

Reed City # †‡ 302.5

Orono ‡ 306.4

Milton Junction † 306.8

Ashton †‡ 309.4

Le Roy ‡ 315.1

Tustin ‡ 319.7

Hobart †‡ 325.8

Cadillac # †‡ 331.6

Missaukee Junct'n (Haring P. O.) †‡ 335.6

Manton †‡ 343.8

Walton †‡ 352.6

Fife Lake †‡ 357.1

South Boardman. †‡ 363.2
Library of Congress

Crofton ¶ ‡ 366.3
Kalkaska † ‡ 371.3
Leetsville ¶ ‡ 376.1
Westwood ¶ ‡ 380.9
Furnace ¶ 383.6
Mancelona † ‡ 381.7
Wetzell ‡ 387.2
Alba ‡ 390.5
Simons ¶ 395.1
Elmira † ‡ 400.3
Byne Falls † ‡ 408.8
Clarion ¶ ‡ 417.0
Petoskey # † ‡ 424.5
Bay View ¶ 425.6
Harbor Sp'gs J'n ¶ 426.9
Conway ¶ ‡ 429.7
Oden ¶ ‡ 432.1
Library of Congress

Alanson † 434.8
Brutus ¶ ‡ 438.5
Pellston † ‡ 442.5
Levering † ‡ 448.3
Carp Lake ¶ ‡ 450.3
Mackinaw City.# † ‡ 459.6
32

BAY VIEW, LITTLE TRAVERSE & MACKINAW.

Petoskey # † ‡ 2.3
Harbor Springs J'n.¶

Page 2.1

Wequetosning 4.4
Harbor Springs ‡ 5.6

MANISTEE BRANCH.

Milton Junction †
Deer Lake † ‡ 5.1
Totten 8.8
Luther † ‡ 11.7
Library of Congress

Carey (Copley P.O.) † ‡ 14.5

Deer Lake † ‡

Foxville 4.2

Pelton 7.5

MISSAUKEE BRANCH

Missaukee Junction (Haring P. O.) † ‡

Long lake Junction 2.7

Round Lake ‡ 4.3

Mitchell (Jenning' P. O. ‡ 7.6

TRAVERSE CITY.

Walton † ‡

Summit (Summit City P. O.) ‡ 6.2

Westminster 8.0

Kingsley ‡ 9.3

Mayfield ‡ 2.6

Keystone ‡ 9.6

Traverse City # † ‡ 26.0
LAKE SHORE & MICHIGAN SOUTHERN.

OFFICERS.— President and General Manager, John Newell, Cleveland; Vice-President, Treasurer and Secretary, E. D. Worcester, New York; General Counsel, Ashley Pond, Cleveland; General Superintendent, P. P. Wright, Cleveland; Auditor, C. P. Leland, Cleveland; Chief Engineer, L. M. Clarke, Cleveland; General Freight Agent, George H. Vaillant, Cleveland; General Passenger Agent, W. P. Johnson, Chicago; General Ticket Agent, J. W. Cary, Cleveland; Purchasing Agent, L. C. Higgins, Cleveland.

GRAND RAPIDS BRANCH.

Grand Rapids # † ¶
Eagle Mills † 2.4
Grandville ¶ 6.4
Byron Center † ‡ 2.3
Dorr † ¶ 18.4
Hilliard's † ‡ 22.0
Hopkins † 25.9
Allegan # † ‡ 33.2
Abronia ¶ ‡ 39.0
Otsego † ‡ 43.0
Plainwell # † ‡ 46.4
Library of Congress

Argenta (Silver Creek P. O.) ¶ ‡ 49.3
Cooper ¶‡ 52.5
Kalamazoo # † ‡ 58.3
Portage ¶ ‡ 65.0
Schoolcraft # † ‡ 71.4
Flowerfield † ‡ 74.9
Moorepark ‡ 78.5
Three Rivers # † ‡ 83.4
Florence ¶ ‡ 87.5
Constantine † ‡ 90.9
White Pigeon # † ‡ 94.7

DETOUR RAPIDS BRANCH.

Adrian # † ‡
Lenawee Junc † ‡ 4.0
Wellsville ‡ 7.2
Sisson 9.7
Corbus 11.6
Deerfield † ‡ 12.7
Petersburgh † ‡ 16.2
Federman 20.8
Ida † ‡ 23.3
Strasburgh ‡ 28.0
Monroe Junc † 33.2
Detroit # † ‡
Gran Trunk Jc # † 8.1
Ecorces † ‡ 4.3
Wyandotte # † ‡ 17.0
Trenton † ‡ 21.3
Chandler
Rockwood † ‡ 27.5
Newport † ‡ 33.1
Stony Creek ¶ 35.9
Warner † 39.3
Monroe # † ‡ 40.4
Library of Congress

La Salle ¶ ‡ 45.2
Vienna † 50.2
Toledo, O # † ‡ 65.0

DUNDEE BRANCH.

Chandler
Flat Rock † ‡ 5.2
Bryan Hill 9.0
Carleton † ‡ 1.1
Scofield † ‡ 6.3
Maybee † ‡ 8.3
Raisinville 22.6
Dundee † ‡ 25.9
Petersburgh † ‡ 29.7
Deerfield † ‡ 33.5
Grosvenor † 40.0

FAYETTE BRANCH.

Fayette, O
Morenic † ‡ 6.7
Weston † ‡ 3.2
Jasper ‡ 6.8
Ogden † ‡ 20.1
Grosvenor † 24.7

FORT WAYNE BRANCH.
Jackson # † ‡
Air Line Junction
Wilson's ¶ 6.0
Horton ‡ 1.0
Hanover # † ‡ 14.0
Stony Point † ‡ 6.0
Scipio † 9.0
Jonesville # † ‡ 25.0
Bankers † ‡ 31.0
Reading # † ‡ 36.0
Montgomery † ‡ 42.0
Fort Wayne, Ind.†‡ 100.0

**JACKSON BRANCH.**

Jackson †‡

Eldred ¶ 5.5

Napoleon †‡ 10.0

Norvell †‡ 3.3

Manchester †‡ 20.7

River Raisin ¶‡ 24.8

Clinton †‡ 28.5

Tecumseh †‡ 33.0

Charis 38.7

Lenawee Junc †‡ 42.0

**LANSING BRANCH.**

North Lansing †

Lansing †‡

South Lansing ¶ 0

Packard ¶ 5.2
Library of Congress

Dimondale † ‡ 8.2
Kingsland ‡ 2.4
Eaton Rapids # † ‡ 17.7
Charlesworth † ‡ 22.4
Springport # † ‡ 27.4
Devereaux † ‡ 31.4
Albion # † ‡ 37.8
Condit 42.8
Homer # † ‡ 46.1
Litchfield † ‡ 53.4
Jonesville # † ‡ 60.0

MICHIGAN DIVISION (OLD ROAD).

Elkhart, Ind # † ‡ 18.7
White Pigeon # † ‡
Klinger's Lake † ‡ 7.4
Sturgis # † ‡ 11.8
Burr Oak † ‡ 8.0
Bronson # † ‡ 24.8
Batavia † 29.4
Coldwater # † ‡ 35.5
Quincy # † ‡ 41.9
Allen's ‡ 48.6
Jonesville # † ‡ 53.8
Fort Wayne Junc †
Hillsdale # † ‡ 58.1
Osseo † ‡ 63.6
Pittsford # † ‡ 67.4
Hudson # † ‡ 73.8
Clayton † ‡ 80.3
Dover 85.7
Adrian # † ‡ 91.2
Lenawee Junc † ‡ 95.6
Palmyra ‡ 97.0
Grosvenor †
Blissfield † ‡ 101.3
Riga † ‡ 03.5
Ottawa Lake † ‡
Sylvania, O † ‡ 13.3

**YPSILANTI BRANCH.**

Ypsilanti † ‡
Pittsfield Junc † ‡ 7.0
Saline # † ‡ 11.1
Bridgewater † ‡ 7.4
Manchester † ‡ 24.6
Watkins ¶ 29.9
Brooklyn † ‡ 35.8
Woodstock (Kelley's Corners P. O.) † ‡ 40.8
Somerset † ‡ 43.6
Somerset Centre † 45.4
Jerome † ‡ 49.0
North Adams † ‡ 53.7
MARQUETTE, HOUGHTON & ONTONAGON.

OFFICERS.— President, George Higginson, Sr., Boston; Treasurer and Secretary, J.P. Lyman, Boston; General Manager, Superintendent and Land Commissioner, John Hornby, Marquette; Auditor and Cashier, S. J. Little, Marquette: Chief Engineer, C. H. V. Cavis, Marquette; General Ticket Agent, W. B. McCombs, Marquette; General Freight Agent, A. S. Parks, Marquette.

Marquette # †‡

Bancroft ¶ 3.0

Bruce ¶ 6.0

Eagle Mill †‡ 8.0

Negaunee # †‡ 12.0

Ishpeming # †‡ 15.0

Saginaw ¶ 19.0

Greenwood ¶ 21.0

Clarksburg †‡ 25.0

Humboldt †‡ 26.0

Champion # †‡ 31.0

Michigamme # †‡ 38.0
Library of Congress

Beaufort Junc ¶ 41.0

Sturgeon ¶ 47.0

Summit ¶ 53.0

Taylor Junc ¶ 58.0

L'Anse † ‡ 63.0

Baraga † ‡ 68.0

Houghton † ‡ 95.0

Hancock † ‡ 95.0

REPUBLIC BRANCH.

Humboldt # † ‡

Republic † ‡ 9.0

Erie Mine 14.0

MARQUETTE AND WESTERN.

Marquette # † ‡

Carp ¶ † 5.0

Kilns ¶ 6.8

Eagle Mill † ‡ 9.2
Library of Congress

Negaunee † ‡ 13.5
Cleveland 15.0
Ishpeming † ‡ 16.5
Branches to iron mines 4.0

MICHIGAN & OHIO.

OFFICERS.— Receiver, J. A. Latcha, Toledo; Auditor, F. S. Anable, Toledo; General Freight and Passenger Agent, B. McHugh, Toledo; Engineer and Purchasing Agent, W. L. Webb, Toledo.

Toledo, O # † ‡ 23.0
Dundee † ‡
Clarksville ¶ ‡ 8.3
Britton # † ‡ 9.6
Ridgeway † ‡ 11.4
Tecumseh # † ‡ 15.4
Tipton ‡ 21.9
Onsted † ‡ 28.4
Devil's Lake ¶ 33.9
Addison # † ‡ 36.9
Jerome †‡ 44.1
Moscow †‡ 47.0
Hanover # †‡ 51.5
Pulaski †‡ 56.0
Homer # †‡ 65.2
Eckford ‡ 70.7
Marshall # †‡ 77.2
Ceresco ‡ 82.5
Battle Creek # †‡ 90.8
Augusta # †‡ 100.0
Yorkville †‡ 103.5
Richland †‡ 06.1
Doster ‡ 14.1
Monteith # †‡ 121.7
Fisk ¶ 125.5
Kellogg ¶ 128.1
Allegan # †‡ 133.0
MICHIGAN CENTRAL.

OFFICERS.— President and General Manager, H. B. Ledyard, Detroit: Vice-President and Secretary E. D. Worcester, New York; General Counsel, Ashley Pond, Detroit; Treasurer, Henry Pratt, New York; Auditor, D. A. Waterman, Detroit; General Superintendent E. C. Brown, Detroit; Chief Engineer, J. D. Hawks, Detroit; General Passenger and Ticket Agent, O. W. Ruggles, Chicago; Gen'l Freight Agent, A. Mackay Chicago; Purchasing Agent, Allan Bourn, Detroit.

MAIN LINE.

Buffalo, N. Y # † ‡ 251.0

Detroit # † ‡

Springwells # † 3.0

Junction Yards † 4.0

Detroit Stock Yds †

Dearborn # † ‡ 10.3

Inkster ¶ ‡ 13.6

County House 15.4

Wayne † ‡ 7.6

Wayne Junc # † 8.0

Sheldon's 22.3
Denton † ‡ 24.9
Ypsilanti # † ‡ 29.5
Geddes † 33.3
Ann Arbor # † ‡ 37.4
Foster's 40.4
Delhi † ‡ 42.6
Scio ¶ ‡ 44.3
Dexter # † ‡ 47.0
Chelsea † ‡ 54.4
Francisco † ‡ 61.2
Grass Lake # † ‡ 65.4
Leoni † ‡ 68.4
Michigan Centre ¶ † 71.7
Jackson Junc † 74.7
Jackson # † ‡ 75.7
Trumbull's (Sandstone P. O.) † ¶ ‡ 80.0
Parma † ‡ 86.4
North Concord ¶ 89.3
34
Bath Mills † ¶ 92.3
Newburg Mills 94.4
Albion # † ‡ 96.0
Marengo † ‡ 01.2
Marshall # † ‡ 107.8
Ceresco † ¶ ‡ 13.0
Wheatfield † 14.5
Nichols † 20.1
Battle Creek # † ‡ 120.6
Bedford † ‡ 26.4
Augusta # † ‡ 130.4
Galesburg † ‡ 134.8
Comstock † ¶ ‡ 39.7
Kalamazoo # † ‡ 143.6
Ostemo † ‡ 49.3
Mattawan # † ‡ 156.0
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<td>Galien</td>
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<td>Avery</td>
<td>¶</td>
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**BAY CITY DIVISION.**

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Grand River Ave ¶ 4.0
Woodward Ave 5.5
D., G.H. & M. Junc. † 7.0
Norris † ¶ ‡ 10.5
Centre Line ‡ 4.0
Warren † ‡ 17.0
Spinnings 18.0
Utica † ‡ 24.0
De Pew’s Siding 28.0
Rochester Junc † 30.0
Rochester # † ‡ 31.0
Goodison ‡ 35.0
Rudd’s Mill 39.0
Orion † ‡ 40.5
Bailey’s Siding 42.0
Oxford †‡ 43.5
Oxford Junc 43.8
Library of Congress

Thomas † ‡ 47.5
Metamora † ‡ 52.0
Hunter's Creek † ‡ 55.0
Walker's Mill 59.5
Lapeer Junc † 59.7
Lapeer # † ‡ 60.0
L. & N. Junc 60.3
Carpenter's ¶ 65.5
Columbiaville # † ‡ 69.0
Otter Lake † ‡ 74.0
Smith's Siding 77.5
Millington † ‡ 80.0
Crampton's 82.5
Vassar # † ‡ 86.5
Caro Junc 86.7
Gravel Pit Siding 88.3
Denmark Junc.(Jenney P. O.) † ‡ 91.0
Library of Congress

Reese †‡ 95.0
Munger ¶† 01.0
Bay City # †‡ 108.0
Lapeer # †‡
Stephen's † 6.0
Five Lakes †‡ 8.5
Vassar # †‡
Watrousville †‡ 5.0
Wahjamega †‡ 9.0
Caro # †‡ 13.0
Vassar # †‡
Van Fliets (Blumfield P. O.) ¶ ‡ 9.5
Buena Vista ¶ ‡ 14.3
F. & P. M. Crossing 18.0
East Saginaw # †‡ 20.3
M. C. R. R. Junc 21.3
Saginaw City # †‡ 22.3
AIR LINE DIVISION.

Jackson # † ‡  
Ft. Wayne Switch 0.5 
Snyder's ¶ 8.0 
Spring Arbor ¶ ‡ 10.3 
Concord † ‡ 4.6 
Pulaski ¶ 18.6 
Homer # † ‡ 23.6 
Clarendon ¶ ‡ 26.7 
Tekonsha † ‡ 33.2 
Osborn's ¶ 35.0 
Burlington ¶ 37.0 
Union City # † ‡ 41.4 
Sherwood † ‡ 48.3 
Colon † ‡ 53.5 
Wasepi # † ‡ 60.4 
Centreville † ‡ 64.0
Three Rivers # † ‡ 69.2
Fabius ¶ 73.9
Corey † ¶ ‡ 76.6
Jones ¶ 78.7
Newburg ¶ 80.1
Vandalia † ‡ 84.6
Diamond Lake ¶ 87.6
Forest Hall ¶ 88.7
Cassopolis # † ‡ 89.7
Dailey † ‡ 94.0
Barron Lake ¶ 99.3
Niles # † ‡ 103.4

**GRAND RAPIDS DIVISION.**

Jackson # † ‡
Van Horn ¶ 6.0
Rives Junc † ‡ 10.5
Arland ¶ ‡ 4.5
Library of Congress

Onondaga † ‡ 17.3
Eaton Rapids # † ‡ 24.0
Charlotte # † ‡ 34.6
Chester ‡ 39.9
Vermontville † ‡ 45.9
Nashville † ‡ 49.6
Morgan ‡ 54.4
Thorn Apple ¶ 55.4
Quimby ¶ 57.5
Hastings # † ‡ 61.8
Irving ¶ ‡ 69.2
Middleville † ‡ 72.8
Parmelee ¶ ‡ 75.9
Caledonia † ‡ 78.9
Dutton † ‡ 83.6
Bowen ¶ 87.4
Grand Rapids # † ‡ 93.9
MACKINAW DIVISION.

Bay City # † ‡

West Bay City # † ‡ 1.1

Kawkawlin ‡ 4.8

Terry's (Linwood P. O.) ‡ 0.3

State Road (Michie P. O.) ‡ 5.2

Pinconning # † ‡ 18.9

White Feather 21.6

Saganin 23.8

Eddys 25.5

Standish # † ‡ 27.5

Deep River ‡ 30.0

Sterling # † ‡ 32.3

Alger # † ‡ 40.5

Culver's ¶ 41.4

Summit † 43.8

Greenwood ‡ 44.6
Welch 47.7

West Branch # † ‡ 52.6

Ogemaw (Springs) † ‡ 55.9

Beaver Lake # † ‡ 60.5

St. Helen † ‡ 64.6

Roscommon # † ‡ 76.9

Cheney (Pere Cheney P. O.) † ‡ 83.5

Grayling # † ‡ 92.0

Forrest (Frederickville P. O.) ‡ 100.7

Wright's Lake (Bradford Lake P.O) † ¶ ‡ 08.4

Otsego Lake # † ‡ 111.2

Bagley ¶ 114.8

Gaylord # † ‡ 118.7

Vanderbilt ‡ 127.2

Wolverine † ‡ 37.9

Indian River † ‡ 147.9

Topinabee † ‡ 53.5
Bushville ¶ 156.2
Mullet Lake ¶ ‡ 159.9
Cheboygan # † ‡ 165.7
Freedom ¶ 176.1
Mackinaw City.# † ‡ 182.0
Pinconning # † ‡
Bowen's branch 35.0
Beaver Lake # † ‡
Piper ‡ 6.0
Ambrose's 7.0
Sage's Lake 8.0

MICHIGAN MIDLAND AND CANADA DIVISION.
St. Clair # † ‡
Adair ‡ 8.0
Ridgeway (Lenox) † ‡ 15.0
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SAGINAW DIVISION.
Jackson # † ‡
Van Horn ¶ 6.0
Rives Junc † ‡ 10.4
Leslie † ‡ 15.2
Eden † ‡ 20.3
Mason # † ‡ 24.5
Holt † ‡ 30.0
Lansing # † ‡ 36.6
North Lansing † 37.5
Chandler's ¶ 42.0
Bath † ‡ 44.7
Laingsburg † ‡ 51.8
Bennington † ‡ 8.1
Owosso Junc † 63.3
Owosso # † ‡ 63.6
Henderson ¶ ‡ 69.7
Oakley † ‡ 73.7
Chesaning † ‡ 77.7
Fergus ¶ ‡ 82.1
St. Charles # † ‡ 85.5
Garfield (Eastwood) † ‡ 89.2
Swan Creek ¶ 91.7
Paines # † ‡ 95.0
Saginaw City # † ‡ 99.5
North Saginaw 101.0
F. & P. M. Junc † 01.7
Carrolton ¶ ‡ 02.9
Zilwaukee † ‡ 04.4
Brooks ¶ 110.9
Salzburg ¶ ‡ 11.8
West Bay City .# † ‡ 113.1
Bay City # † ‡ 114.2

SOUTH BEND DIVISION.

Niles # † ‡
Main Street .7
Library of Congress

Bertrand ¶ ‡ 5.0

South Bend # † ‡ 11.1

SOUTH HAVEN DIVISION.

Kalamazoo # † ‡

Brownell's ¶ 4.0

Hopkins 6.1

Alamo ‡ 9.1

Williams ¶ 11.3

Kendall † ‡ 4.8

Pine Grove 17.5

Goble's (Gobleville P. O.) † ‡ 8.5

Bloomingdale † ‡ 22.9

Berlamont ‡ 24.9

Columbia 27.7

Grand Junc † ‡ 29.2

Brown's Mills ¶ 30.2

Lacota † ‡ 31.9

Facts and Figures about Michigan; a hand-book of the state, statistical, political, financial, economical, commercial. By Frank J. Bramhall

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Kibbie ‡ 34.8

South Haven † ‡ 39.5

TOLEDO DIVISION.

Detroit # † ‡

Springwells 3.0

Woodmere ¶ ‡ 4.5

Ecorces † ‡ 9.0

Wyandotte # † ‡ 11.6

Sibley's ¶ 13.9

Trenton † ‡ 5.9

Sunnyside

Grosse Isle † ‡

Stony Island †

Slocum Junc † 7.0

Gibraltar ¶ ‡ 9.5

South Rockwood.† ‡ 22.6

Newport † ¶ ‡ 27.5
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Stony Creek ¶ 30.5
Frenchtown ¶ 33.9
Warner 34.2
Monroe # † ‡ 35.2
La Salle † ¶ ‡ 40.0
Vienna † 44.7
Toledo, O # † ‡ 59.3

MILWAUKEE & NORTHERN.

OFFICERS.— President, Alfred M. Hoyt, New York; Vice-President, James C. Spencer, Milwaukee; Treasurer, Guido Pfister, Milwaukee; General Superintendent, C. F. Dutton, Milwaukee; General Freight Agent, J. J. Coleman, Milwaukee.

Menominee # † ‡

Wis # † ‡ 187.2

MILWAUKEE, LAKE SHORE & WESTERN.

OFFICERS.— President, F. W. Rhinelander, New York; Secretary and General Solicitor, A. L. Cary, Milwaukee; Auditor, C. F. Rand, Milwaukee; General Superintendent, H. G. H. Reed, Milwaukee; General Freight and Passenger Agent, H. F. Whitcomb, Milwaukee.

Bessemer ‡
MINERAL RANGE.

OFFICERS.— President, Charles E. Holland, Hancock; Secretary and Treasurer, C. A. Wright, Hancock; General Freight and Passenger Agent, W. H. Carr, Hancock.

ONTONAGON & BRULE RIVER.
OFFICERS.— *President*, Ezra Rust, Saginaw; *Vice-President*, Angus Smith, Milwaukee; *Secretary and General Solicitor*, E. Mariner, Milwaukee; *Auditor*, John C. Spencer, Milwaukee; *Treasurer*, Guido Pfister, Milwaukee; *General Agent*, H. N. Smith, Ontonagen.

Ontonagen †‡

Rockland †‡ 11.9

**PAW PAW AND TOLEDO & SOUTH HAVEN.**


Lawton †‡

Paw Paw †‡ 4.1

Four Mile Lake † 8.1

Lawrence †‡ 13.1

Hartford †‡ 9.6

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**PONTIAC, OXFORD & PORT AUSTIN.**

OFFICERS.— *President and General Manager*, George W. Debevoise, New York; *Gen’l Superintendent*, James Houston, Pontiac; *Superintendent Motive Power*, B. F. Kelsey, Pontiac; *Chief Engineer*, G. A. Nettleton, Pontiac; *Treasurer*, Frank H. Carroll, Pontiac; *Auditor*, W. C. Sanford, Pontiac; *General Freight and Passenger Agent*, C. C. Jenkins, Pontiac
Library of Congress

Pontiac †‡
Eames ¶ 5.9
Cole ¶ 8.9
Oxford †‡ 13.6
Shoup ¶ 18.0
Leonard ¶ 21.0
Dryden †‡ 27.0
Imlay City †‡ 33.0
Kings Mill †‡ 42.5
North Branch †‡ 48.5
Clifford †‡ 54.6
Kingston †‡ 61.6
Wilmot ¶ 65.4
Deford ¶ 68.5
Cass City †‡ 74.4
Gagetown †‡ 80.0
Winsor ¶ 87.0
PORT HURON & NORTHWESTERN.

OFFICERS.— President, John P. Sanborn; Vice-President, C. F. Harrington; Secretary and Treasurer, Fred. L. Wells; General Manager, H. McMorran; Superintendent and General Freight and Passenger Agent, I. R. Wadsworth. All at Port Huron.

ALMONT DIVISION.

Port Huron # † ‡
Upton Works ¶ 1¾
Grand Trunk Jc † 3¾
Kimbal ¶ 8¾
Burns ¶ 10¾
Wales ¶ 14¼
Lamb ¶ 15¾
Memphis # † 19¾
Berville ¶ 25¾
Smith ¶ 29
Lyon's Road ¶ 31½
EAST SAGINAW DIVISION.

Port Huron # † ‡ 1

Gratiot Center ¶ 6

North Street ¶ ‡ 8

Kingsley (Atkins P. O.) # † ¶ ‡ 11

Saginaw Junc. (Zion P. O.) # † ‡ 12

Farr's (Fargo P. O.) ¶ ‡ 16¾

Green's Corners(Hartsuff P. O.) ¶ ‡ 19¾

Brockway Center# † ‡ 21½

Melvin # ¶ ‡ 29½

Yorks (Valley Centre P. O.) ¶ ‡ 32½

Brown City # † ‡ 36½

Index ¶ ‡ 39¾

Marlette # † ‡ 45¼

Clifford # † ‡ 50¼
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Silver Creek (Easy P. O.) ¶ ‡ 53

Mayville (May P. O.) # † ‡ 59

Juniata ¶ † ‡ 65¼

Vassar Junc 71

Vassar # † ‡ 72

Tuscola Station ¶ 75

Frankenmuth ¶ 82½

East Saginaw # † ‡ 91

SAND BEACH DIVISION.

Saginaw Junc # † ¶

Grant Center (Blaine P. O.) ¶ ‡ 2½

Jeddo ¶ ‡ 5

Amadore ¶ ‡ 8

Croswell # † ‡ 14

Odlam ¶ 16

Anderson (Applegate P. O.) ¶ ‡ 20

Pack's Mills ¶ 22
Carsonville # † ‡ 25½
Wilbur Road (Bridgehampton P. O.) ¶ † ‡ 29¼
Downing (ton) † ‡ 32¾
Deckerville # † ‡ 33¾
Cooley Road (Cedar Dale P. O.) ¶† 37¾
Palms (Station) # † ‡ 39¾
Minden (City) # † ‡ 44
Adams' Corners (Ruth P. O.) ¶† 47 ½
Sand Beach # † ‡ 58

PORT AUSTIN DIVISION.

Palms (Station) # † ‡
Tyre # ‡ 8
Ubly # ‡ 1
Wadsworth ¶ 14½
Bad Axe † ‡ 18¼
Filion ¶ ‡ 22¼
Dwight ¶ 25¾
SAGINAW, TUSCOLA & HURON.

OFFICERS.— President, William L. Webber; Treasurer, E. T. Judd; Auditor, G. W. Ledlie; Superintendent, M. B. Wilkinson. All at East Saginaw.

East Saginaw

Creens 4.9

Arthur 9.3

Reese 12.5

Gilford 6.9

Kintner 9.2

Fair grove 21.7

Akron 24.8

Woodman 27.6

Unionville 31.2

Sebewaing 37.1

Bay Port Junc 44.8

Bay Port 46.1

ST. HELEN, HOUGHTON LAKE & WESTERN.
OFFICERS.— *Vice-President*, A. L. Stephens; *Secretary and Treasurer*, H. Stephens, Jr.; *General Manager*, Z. C. Jessop; *General Solicitor*, George W. Moore. All at Detroit.

Curtsville §
Leander § 2.0
Longbridge § 4.4
Williams Junc § 8.0
Fortesque § 10.2
Pine Ridge § 13.0
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**ST. JOSEPH VALLEY.**

OFFICERS.— *President*, William R. Rough, Buchanan; *Vice-President and Treasurer*, William Osborne, Buchanan; *General Manager*, B. Helmice, Buchanan; *Chief Engineer*, W. W. Graves, Buchanan; *Secretary and General Passenger Agent*, F. McComber, Berrien Springs; *General Freight Agent*, Solomon Rough, Buchanan.

Buchanan #
# Including Township.
†

Railroad Shops ¶
Riverside ¶
Dunbur's ¶
TOLEDO, ANN ARBOR & NORTH MICHIGAN.

OFFICERS.— *President and General Manager*, J. M. Ashley; *Vice-President and Auditor*, D. M. Monjo; *Treasurer*, B. F. Jervis; *General Superintendent*, H W. Ashley; *General Freight and Passenger Agent*, W. H. Bennett. All at Toledo.

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WABASH, ST. LOUIS & PACIFIC.

OFFICERS.— Receivers, Solon Humphreys and Thomas E. Tutt; General Manager, A. A. Talmage; Treasurer, D. S. H. Smith; General Attorney and Solicitor, W. H. Blodgett;
Detroit # "† "

Delray "† "3.8

Hand (Station) "† ¶ "11.8

Romulus "† "18.6

Belleville "† ¶ "23.2

Willis (Newcomb P. O.) "† ¶ "28.1

Whittaker ¶ "31.6

Milan "† "36.8

Cone ¶ "41.6

Britton (Balch) "† ¶ "46.4

Hollaway ¶ "51.9

Raisin Center ¶ "54.2

Adrian "† ¶ "58.2

Sand C'k(Thurber)¶ "65.0
EXPRESS COMPANIES.

The American Express Company operates on the lines of all railroads in Michigan, with the exception of the Cincinnati, Wabash & Michigan, Grand Rapids & Indiana and Lake Shore & Michigan Southern (excepting Fort Wayne Branch), upon which the United States Express Company operates, the Wabash, St. Louis & Pacific, upon which the Pacific F. Express Company operates, and the Port Huron & Northwestern, which carries on its own express business.

MICHIGAN CITIES.

THE MICHIGAN PRESS

MICHIGAN PRESS ASSOCIATION.—President, Charles S. Hampton, Harbor Springs Independent; Secretary, Orno Strong, Nashville News. Treasurer, Fred. Slocum, Caro Advertiser.

Annual meeting for 1885 to be held at Traverse City.

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SYNOPSIS OF THE FISH AND GAME LAWS OF MICHIGAN.

Speckled Trout—Are protected from September 1st to May 1st next following; and

Grayling—Are protected from November 1st to June 1st next following. No person shall take them from any of the waters of this State between the dates mentioned, neither may such fish be caught in any way nor at any time except by angling.

( Bass, Perch and other varieties may be taken at any time.)

The following game are protected during the periods covered by the dates given.

Deer—Lower Peninsula: December 1st to October 1st next following. Upper Peninsula: November 15th to August 15th next following.

Fawns, when in spotted coat, and Deer, when in red coat, must not be killed at any time.

Deer must not be killed at any time while in the waters of any stream, pond or lake.
Wild Turkey—January 1st to October 1st.

Partridge or Ruffed Grouse, Wood Duck, Teal Duck, Mallard Duck and Gray Duck—January 1st to September 1st.

Pinnated Grouse or Prairie Chicken—November 1st to September 1st.

Quail—January 1st to November 1st.

Snipe—May 1st to September 1st.

Woodcock—January 1st to August 1st.

Wild Pigeons—No firearms may be used against Wild Pigeons within five miles, and no trap snare net or other means within two miles of their nesting-places, at any time from the beginning until the last hatching of such nesting.

Insectiverous Birds must not be killed or taken, nor nests molested at any time.

No trap, snare or net, not punt or swivel gun, can be birds named, nor must they be molested while on their nestings.

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THE STATE OF MICHIGAN

GEOGRAPHICAL.

Near the center of the North American continent, with its two peninsulas embraced by the great inland seas of Huron, Michigan and Superior, is one of the fairest of our sisterhood of States. Young as she is, she has already outstripped most of her older sisters in the race of mental and material advancement and her history is full of the romance of early struggles for existence, of poverty and toil and warfare, of marvelous development of
natural resources and the rapid acquisition of wealth and prosperity by the industrious application of the arts and sciences of modern civilization. Her domain is a truly imperial one of 58,915 square miles—larger than England and Wales and nearly as large as the New England States combined, lying in the same latitude as France, Switzerland and Austria.

Michigan consists of two irregular peninsulas, separated by the Strait of Mackinaw, four miles wide, through which the waters of Lake Michigan empty into Lake Huron. The Lower Peninsula, having its base at the south, is 277 miles in length and 259 miles in greatest width, and is partially surrounded by Lakes Michigan, Huron, St. Clair and Erie, and St. Clair and Detroit Rivers. Near the northern part of Lake Michigan the shore line is deeply indented by Great and Little Traverse Bays and nearly opposite on Lake Huron by Thunder Bay and by Saginaw Bay farther south. The soil is luxuriantly fertile, except in the northern part, and the surface generally level, though in the southern part there is an irregular cluster of hills from 30 to 200 feet high, and nearer the eastern than the western shore a low water-shed extends northward, culminating rather ruggedly in elevations of some 700 feet. The shores on both sides are in many places steep and elevated and on Lake Michigan especially are numerous, bluffs and sand-hills from 100 to 200 feet in height. It is composed, geologically, wholly of the Devonian and lower-carboniferous series of rocks except in the central portion, which is occupied by the coal measures and the perme-carboniferous series. The extensive pineries are all on the Lower Peninsula, and, though rapidly disappearing, it is estimated that nearly 30,000 million feet are still standing.

The Upper Peninsula has its base near the western extremity of Lake Superior, and is 318 miles in length by from 80 to 164 miles in width. It comprises the counties of Baraga, Chippewa, Delta, Houghton, Keweenaw, Mackinac, Marquette, Menominee, Ontonagon and Schoolcraft, embracing about two-fifths of the area of the State and one-fifteenth of its population. The Lake Superior shore at first trends northeast for some 160 miles to Keweenaw point, along peninsula running out into the lake and partly enclosing Keweenaw Bay east of it; thence it undulates regularly to Whitefish Point where
it bends sharply south and then east, enclosing with the Canada shore the deep basin of Tequamenon Bay, from which St. Mary's strait flows into Lake Huron. The Huron shore westward to Mackinaw strait is broken and islet-bordered. The northern shore-line of Lake Michigan is irregular westward to Green Bay which opens at its northwest corner and the greater part of which belongs to Michigan. It presents more rugged and picturesque features than the Lower Peninsula as a result of its geological formation, composed of four of the oldest series of rocks, the lower Silurian, the copper-bearing rocks, the Huronian or iron-bearing series, and the Laurentian series. A noted feature of the latter is the sandstone stone bluff, thirty miles west of Sault Ste. Marie, known as Pictured Rocks, variously colored and worn by the waters into grotesque forms resembling castles, temples, arches colonades, etc., presenting indeed a gorgeous appearance from the steamer's deck. For about twelve miles these rocks rise to a height of 200 to 300 feet. East of Marquette the watershed does not exceed an elevation of 400 feet, and the Peninsula is covered with forests mostly of soft woods. West of that meridian are irregular mountain ranges mostly trending east-northeast and west-southwest, with intervening lakes and swamps, and attaining a height of 1,400 feet above Lake Superior. The soil of the Upper Peninsula is comparatively sterile but its western portion contains most of the mineral wealth of the State.

Land and water are well distributed in Michigan, the latter not only enhancing the beauty of the scenery but also materially modifying the climate. Besides the great lakes which give the State a shore line of 1,620 miles, exclusive of the bays, there are more than 5,000 smaller lakes having an aggregate area of 712,864 acres. Among the most important are Manistique, Agogebic, Torch and Michigamme in the Upper Peninsula, and Houghton, Higgins, Hubbard, Mullet, Burt's and Grand Lakes in the Lower Peninsula. A chain of connecting lakes entered from Grand Traverse Bay is navigable for eighty miles. The State has 179 islands exceeding an acre in extent. and having a total area of 405 square miles. Royale and Grand in Lake Superior; Marquette, Mackinac and Bols Blanc in Lake Huron, and the Beaver, Fox and Manitou groups in the northern part of Lake Michigan.
are the principal ones. The chief rivers are the Ontonagon and Tequamenon, flowing into Lake Superior; the Cheboygan. Au Sable and Saginaw falling into Lake Huron; and the St. Joseph, Muskegon, Manistee, Grand reverse and Oscanaoa which empty into Lake Michigan.

HISTORICAL.

Early in the seventeenth century the hardy and adventurous French voyagers and Jesuit missionaries coasted her shores and trod the solitude of her primeval forests, and over her for a hundred and fifty years France, through Canadian governors, claimed the right of eminent domain. It was not, however, until Pere Jaques Marquette founded in 1668 his mission at Saulte Ste. Marie that a white settlement was actually made upon her soil, hough for untold centuries the Indians and their predecessors, whom we call the Mound-Builders, had peopled her forest glades. On the 24th of July, 1701, La Motte Cadillac founded Detroit, and colonization and civil government began. With Canada it was surrendered to England in September, 1760, and the expulsion of the French was the signal for Pontiac's war of extermination against the whites, lasting for several years and rendered memorable by the siege of Detroit and the massacre of the little garrison of Fort Michillimackinac. The English hauled down their red-cross banner on the let of July, 1796, and Michigan, still an unbroken wilderness, save at Detroit and Mackinac, became a part of the Northwest Territory of the Jutted States. In 1800 the Northwest Territory was divided, the north and south dividing line running a few miles west of Mackinac and the astern part becoming Indiana Territory. Two years later Ohio was admitted into the Union as a State and all of Michigan became part of Indiana Territory and so remained until July 11, 1805, when the Territory of Michigan was created, with Detroit as its seat of government.

The Territory of Michigan, according to the organic act, consisted of the region lying between Lake Michigan on the west and the British possessions on the east and north and extended as far south as a line drawn eastward from the southern point of Lake Michigan.
to Lake Erie. In 1816 a strip ten miles wide was given up to Indiana. Two years later the Territory was reorganized and made to embrace all of the present States of Michigan and Wisconsin, that part of Minnesota lying east of the Mississippi and a strip of land six miles wide now included in Ohio. In 1834 her western boundary was extended to the Missouri and White Earth rivers and included all of the resent States of Minnesota and Iowa and a large part of Dakota. In 1835 she knocked at the doors of the Union with a Constitution which was accepted by Congress on the 15th of June, 1836, on condition that she acceded to the claims of Ohio upon the strip of land above mentioned. A bitter controversy had raged for thirty years upon this subject and the condition was rejected by the first convention but finally accepted by a second, and on the 26th of July, 1837, Michigan, with her present boundaries, was formally, by act of Congress, declared one of the United States.

In the meantime the second war with Great Britain had been fought and the infant Territory had suffered severely. Brig. Gen. William Hull, then Governor of the Territory, invaded Canada, but was obliged to fall back to Detroit, and upon the arrival of Gen. Brock surrendered to him, August 16, 1812, the city and Territory as well as his little army. The British captured Mackinac and Frenchtown and with their Indian allies overran and devastated the country generally. They were finally expelled by Gen. Harrison and a treaty made with the Indians in 1814. In the same year Hull was courtmartialed at Albany for his surrender of Detroit and sentenced to be shot, but in consideration of his distinguished Revolutionary services, as well as his advanced age, the sentence was remitted. While still a Territory, the Indian title to the southern peninsula, and to a great part of the upper peninsula, was extinguished by various treaties and the lands peacefully thrown open to white settlers.

When Michigan was admitted to the Union as the thirteenth State since the adoption of the Constitution, with Lucius Lyon and John Norvell for her Senators and Isaac E. Crary for her single Representative, she had a white population of 174,061, an increase of nearly 100 per cent. in three years. Wexford, with 23,400, was then the most populous county.
Wayne county, including Detroit, had less than 22,000 inhabitants and Kent but 2,022. Ingham and Saginaw had each less than 1,000 and Bay was still unorganized. Next to Wexford and Wayne, the counties of Oakland, Lenawee and Monroe had the largest population and none others reached 10,000. The immigration was chiefly from the State of New York though many came from New England and from Ohio, and almost all by sailing vessels on Lake Erie. Agriculture was then almost the sole pursuit. Manufactures were in their infancy and traders were few. There was no mining and no market for the timber felled by the pioneer in his clearing. The reports of the first surveyors sent to the Territory were extremely unfavorable and retarded its settlement for many years. The soil was represented as marshy, barren and worthless, and the climate as very harsh and unhealthy. The experience of the early settlers however particularly when the rich low-grounds began to be drained and reclaimed, produced, though slowly, a better impression, and after the first quarter of the century immigration became more rapid. From 1820 to 1830 the population increased 261 per cent. and in the next decade 571 per cent.

The construction of railroads, which began in 1836, vastly increased the facilities for travel and transportation and gave a great impetuosity immigration and settlement but also to trade, commerce, agriculture and manufactures. By 1840 the tide of settlement had swept entirely across the lower peninsula and extended as far north as the Saginaw River. Besides Detroit Grand Haven and Lansing appeared on the map, and a little colony held the outpost at the Straits of Mackinaw. With the increase of population in the interior grew the demand for a more central location of the sea of government and by legislative act of March 16,1847, the capital was removed from Detroit to Lansing In 1850 was adopted a new Constitution, which, with subsequent amendments is still in force. For the first time the census maps this year showed the towns of Grand Rapids, Kalamazoo, Ann Arbor, Saginaw and Port Huron. The limits of settlement had not materially enlarged but within them population had become more dense.
The next decade marked a still greater increase, not only in population, but still more in wealth and the diversification of industry. The population had risen to three quarters of a million, an increase of 88.3 per cent. since 1850. In rank of population she had risen from the twenty-sixth to the sixteenth State in the Union. She produced an average of more than nineteen bushels of wheat to the acre and was beginning to be known as the great winter-wheat State. It was discovered that the climate of the Lake Michigan slope of the Lower Peninsula was peculiarly favorable to fruit-raising and the product of her rapidly increasing orchards and vineyards surprised the Eastern horticulturist. The lathe, the loom and the hammer were heard in her busy, thriving cities. Her commerce whitened the great inland seas. New industries had been developed by the demand for her unequaled supplies of timber, and by the discovery and development of the coal, salt and plaster deposits of the lower peninsula and the marvelously pure iron and copper of the upper peninsula. Michigan had ceased to be purely agricultural and had become also a great manufacturing, mining and commercial State.

Politically, Michigan was carried by the Democrats down to 1852, save in the famous Log-Cabin campaign of 1840, when she gratefully remembered the services of General Harrison in her behalf and gave him her electoral vote. Her support of Polk in 1844 was emphasized three years later by her contribution of eleven companies of volunteer infantry, a company of regular dragoons and three companies of regular infantry to the United States army during the Mexican war, in which they distinguished themselves by faithful, efficient and gallant services. The progress of anti-slavery sentiment was, however, steady and rapidly crystallized during the Kansas struggle of 1854–56. In the latter year she gave 20,000 majority for Fremont and has ever since cast her electoral votes for the Republican presidential candidates. When the struggle came for the preservation and supremacy of the national Union, she was full of enthusiastic, unwavering loyalty. Austin Blair was then Governor, Zachariah Chandler and Jacob M. Howard her Senators, and Fernando C. Beamen, Bradley F. Granger, Francis W. Kellogg and Powland E. Trowbridge her Representatives. She turned her wealth into sacrificial
gold and her harvest fields, her mines and her forests yielded armed men. The State and the counties, cities and townships paid out for bounties, premiums, relief of soldiers' families and other war purposes, $16,548,992. She contributed to the United States armies during the war 90,747 men, of whom 358 officers and 14,497 enlisted men were killed in battle or died of wounds or disease. As a State she was but twenty-four years of age and her population was only three-quarters of a million, but through four years of war she played an important part both in the cabinet and the field.

CROP STATISTICS.

CHIEF PRODUCTS. Quantity Produced. Acres in Each Crop. Average per acre. Value per bu., lb., or ton. Value per acre. Total Valuation. 1882. Indian Corn bus. 28,581,600 929,760 30.7 $.59 $18.11 $16,863,144 Wheat " 32,315,400 1,985,000 16.3 $.90 14.67 29,083,860 Rye " 273,710 21,917 12.5 .65 8.12 177,911 Oats " 18,237,570 574,704 31.7 .37 11.73 6,747,901 Barley " 1,348,920 54,075 24.9 .75 18.67 1,011,690 Buckwheat " 510,120 33,166 15.4 .67 10.32 341,780 Potatoes " 12,364,102 138,168 89.5 .43 38.48 5,316,564 Tobacco lbs 92,091 181 509.0 .13 66.17 11,972 Hay tons. 1,456,613 1,243,591 1.17 11.75 17,115,203 Total 4,980,562 $15.39 $76,670,025 1883 Indian Corn bus. 21,412,300 911,165 23.5 $.52 $12.22 $11,134,396 Wheat " 25,011,000 1,786,500 14.0 .96 13.44 24,010,560 Rye " 221,705 22,355 9.9 .62 6.14 137,457 Oats " 20 061,300 580,451 34.6 .35 12.11 7,021,455 Barley " 1,079,136 51,371 21.0 .65 13.65 701,438 Buckwheat " 244,858 32,834 7.5 .86 6.45 210,578 Potatoes " 11,811,979 142,313 83.0 .41 34.03 4,842,911 Tobacco lbs Hay tons. 1,767,641 1,280,899 1.38 9.30 12.83 16,439,061 Total 4,807,888 $13.41 $64,497,856

The season of 1883 was in many respects a peculiarly unfortunate one. The frosts of September were particularly disastrous and played such havoc with the corn crop that but 3,851,214 bushels was merchantable at an average value of 60 cents, while 17,558,086 bushels was rated unmerchantable at an average valuation of but 29 cents. Ninety per cent. of the whole was retained for consumption in the county where raised.

FARM ANIMALS.

JANUARY 1, 1884. Number. Average Value. Total Value. Horses 408,005 $ 85.33 $34,815,067 Mules 5,606 103.90 582,463 Milch Cows 404,078 36.44 17,424,602 Oxen
MACKINAC ISLAND. Excepting only the almost inaccessible Yellowstone Park, there is no spot in all the new world that more nearly unites in itself all the glories and beauties and advantages that constitute a perfect tourists' paradise. Rising grandly from the mighty channel, in which the waters of earth's three greatest unsalted oceans—Superior, Huron and Michigan—meet and blend in eternal billowy harmony, Mackinac Island is nearly nine miles in circumference, and towers at its highest point over three hundred feet above the waves that lave its snowy feet. The United States government has, with a just appreciation of its wonderful attractions, reserved the greater part of the island for a National Park, as it has the famous Yellowstone region. The island was a rendezvous of the daring French voyagers and adventurers before the Pilgrims landed on Plymouth Rock. Here occurred many wild and thrilling incidents in the lives of Marquette, Hennepin, Nicollet and La Salle. On these beautiful shores they mustered their heroic bands for the discovery of the Mississippi; and over at Point St. Ignatius, in plain view, Marquette was escorted to his burial-place by a hundred canoes of plumed and painted warriors, in 1677. Just across, on the lower peninsula, stood old Fort Michillimackinac, the scene of Pontiac's terrible massacre of the whites, in 1763. On this Island were fought two battles of the war of 1812; and here, for forty years, were the headquarters of the American Fur Company, of which John Jacob Astor was President. Here Schoolcraft, who was Indian agent on the island, wrote his celebrated *History of the North American Indians* and *The Legend of Hiawatha*, which Longfellow, who visited Schoolcraft here, afterward expanded into a poem. Three nags have waved over this island domain. France held it with her Huron allies, from 1610 to 1761, when it was surrendered to Great Britain. It was yielded to the United States in 1796, retaken by the British in 1812, and again relinquished to the United States under the treaty of Ghent. The whole region abounds in historic, legendary and poetic memories and associations, a compilation of which has been made by Lieutenant D. H. Kelton, U. S. A., in a little volume entitled *Annals of Fort Mackinac*. To condense from Colonel Donan's brilliant summary, in his charming and elegant little book: The whole island is a labyrinthine
tangle of miniature mountains, wild precipices, overhanging cliffs and crags, yawning caverns, strange rocky formations like the weird spires of the Yosemite and Yellowstone, tall, finger-like pillars of stone, hundreds of feet high, cataracts of dizzy height, leaping from perpendicular walls of gray and moss-grown rock far out into the lake below; shelving beaches of snow-white sand and gravel, hard and smooth as a ball-room floor, on which one can ride or drive or stroll for miles at a stretch, with the never-ceasing melody of plashing waters; occasional views of storm-lashed billows, rivaling in the grandeur of their savagery the ocean at its maddest; a fort, dating back through more than a century of war and romance, cannon looking out through high embrasures over the liquid highway they are to guard, grass-bordered parade grounds, troops of gilt-tinneled young officers who have learned the last waltz or galop step on the Hudson, a fine military band, two battle-fields of the war of 1812; a burial-ground, where the heroic dead in blue coats and red coats, in wampum and paint and eagles' feathers, were laid away to await the last great reveille, old Jesuit churches and mission houses, ancient ruins, history, poetry, legend, glorious boating and bathing, six-pound brook trout, Indian villages and birch-bark canoes, bass, pickerel, muskallonge, forty-pound whitefish, silver moonlight glinting on silver floods; mighty steamships with their trails of smoke, moving like stately monarchs of the waves, and fleets of tiny white-sailed yachts and pleasure-boats darting hither and thither, and, around and over all, like an upper and a lower canopy, the boundless drapery of blue water and blue sky melting into one along the far-off horizon line where heaven and earth seem to meet and kiss each other. Every spot upon the island possesses some peculiar interest and every turn reveals some glorious panoramic view.

50

POPULATION OF MICHIGAN.

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<th>County</th>
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POPULATION OF MICHIGAN.

ITS INCREASE.

The following table shows the population of Michigan at decennial periods, according to the United States census, the rate of increase, rank in population among the States and Territories, etc.:

<table>
<thead>
<tr>
<th>YEAR</th>
<th>Total Population</th>
<th>Per cent of Increase</th>
<th>Popl'n per Sq. Mile</th>
<th>Persons to a Dwell'g</th>
<th>Persons to a Family</th>
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<tbody>
<tr>
<td>1810</td>
<td>25,476</td>
<td>8.40</td>
<td>0.1</td>
<td>1820</td>
<td>8,765</td>
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<tr>
<td>1820</td>
<td>27,876</td>
<td>84.0</td>
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<td>212,267</td>
<td>570.9</td>
<td>3.7</td>
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<td>1860</td>
<td>749,113</td>
<td>88.3</td>
<td>13.0</td>
<td>1870</td>
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<td>1880</td>
<td>1,636,937</td>
<td>38.2</td>
<td>28.5</td>
<td>1890</td>
<td>1,856,217</td>
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NATIVITY AND SEX, 1880.

The census of 1880 showed that the population consisted of 862,355 males and 774,582 females, a percentage respectively of 52.7 and 47.3, but the masculine predominance was less than in former years. Of the 1,248,429 natives of the United States, 642,932 were males and 605,497 were females. Two-thirds of these were natives of Michigan; 229,657 were born in New York; 77,053 in Ohio; 37,865 in New England; 36,064 in Pennsylvania; 18,216 in Indiana; 10,775 in Wisconsin; 9,699 in Illinois; 7,903 in New Jersey, and 10,507 in Southern States. Next to the native Michiganders the New Yorkers predominated in all the counties except Delta, Houghton, Keweenaw, Menominee and Ontonagon, in which they were outnumbered by natives of Wisconsin; Gladwin, in which there were more Ohioans, and Gratiot, in which the New Yorkers and Ohioans were equal in numbers.
The foreign born numbered 219,423 males and 169,085 females, a total of 388,508, or 23.7 per cent. of the whole population. British America (chiefly Canada), contributed 148,866; Great Britain, 98,240 (of whom 43,202 were English, 43,413 Irish, and 10,731 Scotch); the German Empire, 89,085; Holland, 17,177; Sweden, 9,412; Poland, 5,421; Norway, 3,520; Denmark, 3,513; France, 3,203, and Switzerland, 2,474. The letters prefixed to the foreign population, 1880, in the table on the preceding page, indicate the nativity of the greater number as follows: B, British America; E, England; I, Ireland; G, Germany, H, Holland.

**HOW THEY WERE EMPLOYED.**

Of the population of Michigan in 1880, 1,236,686 were of the age of ten years and over. Of these, 569,204 were returned as employed in gainful occupations, as follows: agriculture, 240,319; professional and personal services, 143,249; trade and transportation, 54,723, and manufacturing, mechanical and mining industries, 130,913.

Making a more detailed classification we find that but 70,845 of the agriculturists were laborers. There were in the State 2,148 clergymen, 2,097 lawyers, 3,404 physicians, surgeons and dentists, 10,150 teachers, including musicians, 3,089 officials and employes of government, 6,193 employed in hotels, boarding-houses and restaurants, 28,862 domestic servants, and 79,053 laborers other than agricultural. Under the head of trade and transportation, there were 14,174 traders and dealers, employing 12,580 clerks, salesmen and accountants, 3,154 commercial travelers, hucksters and peddlers, 1,467 employed in banking, brokerage and insurance, 10,445 officials and employes of railroad, express and telegraph companies, 5,015 draymen, hackmen, teamsters, etc., 3,184 sailors, steamboatmen and watermen, and 2,197 saloon-keepers and bartenders. There were also 1,904 manufacturers and officials of manufacturing companies, 2,868 iron and steel makers, 6,978 miners, 1,053 cotton and woolen mill operatives, 3,783 engineers and firemen, 2,870 machinists, 1,924 millers, 8,907 lumbermen, raftsmen and wood-choppers, 13,826 saw-mill operatives, 16,541 carpenters and joiners, 2,753 cooper, 2,920 cabinet
Library of Congress

makers and upholsterers, 4,896 painters and varnishers, 6,328 blacksmiths, 3,764 boot and shoe-makers, 4,412 brick and stone masons and stone cutters, 2,390 butchers, 1,398 fishermen, 1,907 cigar makers and tobacco workers, 1,919 printers, 1,547 harness, saddle and trunk makers, and 12,432 tailors, dressmakers and milliners.

Included in these were 55,013 females, nearly one-half of whom, 26,746, were domestic servants. Of the remainder, 10,462 plied the needle as dressmakers and milliners, 7,971 were teachers, 2,591 carried on or were employed in hotels, boarding-houses and restaurants, 1,165 were laundresses, and 973 were engaged in agriculture, only 204 of whom, however, were laborers. Among the rest we find six clergymen, seven lawyers, nine journalists, ninety-one physicians and surgeons and six dentists. Eleven were engaged in banking brokerage and insurance, 909 were employed in stores, 246 were in government offices, 232 were traders and dealers, and there was a miller, an iron and steel maker a brick maker a brewer and a livery stable keeper among the feminine bread-winners.

52

MINERAL PRODUCTIONS OF MICHIGAN.

IRON.

In 1844 the variation of the compass needles near the present city of Negaunee drew the attention of the United States surveyors to the outcroppings of magnetic iron. In 1846 the first ore, three hundred pounds, was taken from the Jackson mine and smelted in an old forge the following winter. It was 1855 before the shipment of ore fairly began, since when the output has aggregated fully 25,000,000 of tons. The deposits are confined to the azoic formation of the Northern Peninsula and are located in the counties of Marquette, Menominee, Ontonagon, Delta, Baraga and Houghton. “It is doubtful,” says Prof. T. B. Brooks in the Geological Survey of Michigan (i. 216), “if, in the same extent and thickness of rocks anywhere in the world, there is a larger percentage of iron oxide than in the Marquette series. In the order of relative abundance, so far as made out, the ores are the
flag, the red specular hematites, soft or brown hematites and magnetites. These all exist in workable beds and all as disseminated minerals in rocks usually silicious.” The average percentage of metallic iron in these four varieties of ore varies from 49.332 in the flag to 62.915 in the specular and 62.930 in the magnetite, while that of phosphorus ranges from .053 in the flag and .078 in the soft hematites to .111 in the specular. Excepting the soft hematites, which contain about five per cent. of water, the elements other than oxide of iron and silica amount five per cent.

The quality and value of the Lake Superior iron ore, as the Michigan ore is usually termed, is very high. The census of 1880 reported the product of Pennsylvania during the previous year as 2,185,675 tons, valued at $5,517,079. But the Michigan product, though 350,000 tons less, was worth over half a million of dollars more. Pennsylvania employed a little more capital than Michigan, but paid the miners an average of only $28.57 per month, while Michigan paid $43.11. Michigan now undoubtedly leads in quantity as well as quality and value of iron production. New York and New Jersey are third and fourth in the list, followed by Ohio and Missouri.

The iron monograph of the tenth census reports Michigan as the eighth iron manufacturing State, having twenty charcoal blast furnaces and two rolling mills employing $4,175,386 capital and 3,089 hands, paying $922,597 in wages and making 142,716 tons of product valued at $4,591,613. She used, however, but 201,179 tons of her own ore, sending over 1,200,000 tons to the other States to make one-third of all the pig iron of the Republic.

The following table shows the annual production of ore and pig in gross tons, together with the approximate value in the lower lake markets:

<table>
<thead>
<tr>
<th>YEARS</th>
<th>Iron Ore</th>
<th>Pig Iron</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>1854</td>
<td>3,000</td>
<td>19,020</td>
<td>Unknown 146,113</td>
</tr>
<tr>
<td>1855</td>
<td>1,449</td>
<td>9,187</td>
<td>1856 36,343</td>
</tr>
<tr>
<td>1857</td>
<td>25,646</td>
<td>7,258</td>
<td>1858 133,788</td>
</tr>
<tr>
<td>15,876</td>
<td>1,629</td>
<td>86,832</td>
<td>1859 257,529</td>
</tr>
<tr>
<td>1860</td>
<td>114,401</td>
<td>1861</td>
<td>5,660 736,496</td>
</tr>
<tr>
<td>1862</td>
<td>18,409</td>
<td>1863</td>
<td>9,813 1,416,935</td>
</tr>
<tr>
<td>1864</td>
<td>243,127</td>
<td>1865</td>
<td>12,83 1,590,430</td>
</tr>
<tr>
<td>1866</td>
<td>18,437</td>
<td>1867</td>
<td>18,437 1,416,935</td>
</tr>
<tr>
<td>1868</td>
<td>2,405,960</td>
<td>1869</td>
<td>18,437 1,416,935</td>
</tr>
<tr>
<td>1870</td>
<td>18,437</td>
<td>1871</td>
<td>18,437 1,416,935</td>
</tr>
</tbody>
</table>
COPPER.

In the same year that the Jackson iron mine made its first output, the fissure vein of the Cliff copper mine, near Eagle river, was opened and proved remunerative. This was the first pecuniarily profitable result of Dr. Douglass Houghton's report to the legislature in February, 1841. But the existence of copper was previously known to Schoolcraft, and the great mass of copper on the bank of Ontonagon river, twenty miles above its mouth, had been seen and described by Baron L'Hontan in 1688 and by later travelers; and subsequent discoveries have proved that copper mines of considerable depth were opened and worked on Keweenaw Point and Isle Royale by the more intelligent and cultivated predecessors of the Indians. Since 1846 Michigan has produced nearly 400,000 tons of refined copper worth over $180,000,000. According to the tenth census Michigan produced more than ninety per cent. of the product of the United States east of the 100th meridian, almost all of which came from the Portage Lake district of Houghton county. The other copper counties are Keweenaw, Ontonagon and Isle Royale. No copper ore is found in the State. The metal exists as pure native copper in fissure veins and in amygdaloid and conglomerate beds. Silver is often found with it, but also as a pure metal and as an admixture, but not as an alloy. The Calumet conglomerate was discovered in 1865 and the Calumet & Hecla made its first shipment two years later. This single company produced 16,562.522 net tons of refined copper in 1883, making a total output in seventeen years of 174,828.321 net tons, worth over $72,000,000.
The following table shows the annual production and value up to December 31, 1883, the returns for 1884 being still incomplete:

<table>
<thead>
<tr>
<th>YEARS</th>
<th>REFINED COPPER. Net Tons. Value. (N. Y. City.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prior to 1855</td>
<td>6,992.8635</td>
</tr>
<tr>
<td>1855</td>
<td>2,904.6670</td>
</tr>
<tr>
<td>1856</td>
<td>4,108.6960</td>
</tr>
<tr>
<td>1857</td>
<td>4,463.9975</td>
</tr>
<tr>
<td>1858</td>
<td>3,614,255</td>
</tr>
<tr>
<td>1859</td>
<td>3,349,591</td>
</tr>
<tr>
<td>1860</td>
<td>3,265,960</td>
</tr>
<tr>
<td>1861</td>
<td>3,487,995</td>
</tr>
<tr>
<td>1862</td>
<td>3,634,255</td>
</tr>
<tr>
<td>1863</td>
<td>3,692,6720</td>
</tr>
<tr>
<td>1864</td>
<td>5,870,300</td>
</tr>
<tr>
<td>1865</td>
<td>6,365,515</td>
</tr>
<tr>
<td>1866</td>
<td>6,415,600</td>
</tr>
<tr>
<td>1867</td>
<td>6,793,1640</td>
</tr>
<tr>
<td>1868</td>
<td>7,179,2915</td>
</tr>
<tr>
<td>1869</td>
<td>7,979,400</td>
</tr>
<tr>
<td>1870</td>
<td>8,797,400</td>
</tr>
<tr>
<td>1871</td>
<td>9,373,1745</td>
</tr>
<tr>
<td>1872</td>
<td>10,1276.7615</td>
</tr>
<tr>
<td>1873</td>
<td>11,079,400</td>
</tr>
<tr>
<td>1874</td>
<td>12,1766.6945</td>
</tr>
<tr>
<td>1875</td>
<td>13,009,356</td>
</tr>
<tr>
<td>1876</td>
<td>14,180,626</td>
</tr>
<tr>
<td>1877</td>
<td>15,198,430</td>
</tr>
<tr>
<td>1878</td>
<td>16,19,513,3355</td>
</tr>
<tr>
<td>1879</td>
<td>17,7,327,888</td>
</tr>
<tr>
<td>1880</td>
<td>18,1877</td>
</tr>
<tr>
<td>1881</td>
<td>21,6,920,540</td>
</tr>
<tr>
<td>1882</td>
<td>22,14,225.7645</td>
</tr>
<tr>
<td>1883</td>
<td>23,7,327,350</td>
</tr>
<tr>
<td>1884</td>
<td>24,24,869.1835</td>
</tr>
<tr>
<td>1885</td>
<td>25,9,947,673</td>
</tr>
<tr>
<td>1886</td>
<td>26,1881</td>
</tr>
<tr>
<td>1887</td>
<td>27,27,270.4545</td>
</tr>
<tr>
<td>1888</td>
<td>28,9,971,702</td>
</tr>
<tr>
<td>1889</td>
<td>29,28,577.9900</td>
</tr>
<tr>
<td>1890</td>
<td>30,10,522,416</td>
</tr>
<tr>
<td>1891</td>
<td>31,1883</td>
</tr>
<tr>
<td>1892</td>
<td>32,29,851.2020</td>
</tr>
<tr>
<td>1893</td>
<td>33,8,955,361</td>
</tr>
<tr>
<td>Aggregate</td>
<td>34,386,659.9670</td>
</tr>
</tbody>
</table>

SALT.

Michigan is now the largest salt-producing region in the United States, largely leading in production the Onondaga region of New York, which is its only competitor to any extent. The first practical attempt at salt-well boring in the State was made at Grand Rapids in 1859 and the depth attained was 275 feet. An analysis of the brine seems to have shown but a small percentage of salt. The first well at East Saginaw was bored in 1860 and an analysis of the brine gave nineteen per cent. of salt. In 1884 there were 276 salt wells in the State—240 in Saginaw and Day counties and the remaining thirty-six in Huron, Iosco, Manistee, Midland, Gratiot, St. Clair and Jackson counties. The average depth of the wells in the Saginaw Valley is 1,000 feet and in Manistee 1,900 feet. The average salinometer strength of the brine is ninety degrees at fifty-six degrees Fahrenheit.

The total salt production of the State from 1860 to 1868 was as follows:
In March, 1869, the first State Salt Inspector (Dr. Samuel S. Garrigues) was appointed and the inspection of all salt required by law. Since that date the production of the various grades has been as follows:

<table>
<thead>
<tr>
<th>YEAR</th>
<th>Fine</th>
<th>Packers' Solar</th>
<th>Second Quality</th>
<th>Total Bbls</th>
<th>Average Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1869</td>
<td>513,989</td>
<td>12,918</td>
<td>15,264</td>
<td>19,117</td>
<td>561,288</td>
</tr>
<tr>
<td>1870</td>
<td>568,326</td>
<td>17,869</td>
<td>15,507</td>
<td>19,650</td>
<td>621,352</td>
</tr>
<tr>
<td>1871</td>
<td>655,923</td>
<td>14,677</td>
<td>37,645</td>
<td>19,930</td>
<td>728,175</td>
</tr>
<tr>
<td>1872</td>
<td>672,481</td>
<td>14,761</td>
<td>32,267</td>
<td>20,706</td>
<td>823,346</td>
</tr>
<tr>
<td>1873</td>
<td>746,702</td>
<td>23,671</td>
<td>32,267</td>
<td>20,706</td>
<td>960,757</td>
</tr>
<tr>
<td>1874</td>
<td>746,702</td>
<td>23,671</td>
<td>32,267</td>
<td>20,706</td>
<td>960,757</td>
</tr>
<tr>
<td>1875</td>
<td>960,757</td>
<td>20,090</td>
<td>15,264</td>
<td>19,117</td>
<td>1,026,979</td>
</tr>
<tr>
<td>1876</td>
<td>1,027,886</td>
<td>10,233</td>
<td>24,336</td>
<td>19,410</td>
<td>1,081,665</td>
</tr>
<tr>
<td>1877</td>
<td>1,027,886</td>
<td>10,233</td>
<td>24,336</td>
<td>19,410</td>
<td>1,081,665</td>
</tr>
<tr>
<td>1878</td>
<td>1,027,886</td>
<td>10,233</td>
<td>24,336</td>
<td>19,410</td>
<td>1,081,665</td>
</tr>
<tr>
<td>1879</td>
<td>1,027,886</td>
<td>10,233</td>
<td>24,336</td>
<td>19,410</td>
<td>1,081,665</td>
</tr>
<tr>
<td>1880</td>
<td>1,027,886</td>
<td>10,233</td>
<td>24,336</td>
<td>19,410</td>
<td>1,081,665</td>
</tr>
<tr>
<td>1881</td>
<td>1,027,886</td>
<td>10,233</td>
<td>24,336</td>
<td>19,410</td>
<td>1,081,665</td>
</tr>
<tr>
<td>1882</td>
<td>1,027,886</td>
<td>10,233</td>
<td>24,336</td>
<td>19,410</td>
<td>1,081,665</td>
</tr>
<tr>
<td>1883</td>
<td>1,027,886</td>
<td>10,233</td>
<td>24,336</td>
<td>19,410</td>
<td>1,081,665</td>
</tr>
<tr>
<td>1884</td>
<td>1,027,886</td>
<td>10,233</td>
<td>24,336</td>
<td>19,410</td>
<td>1,081,665</td>
</tr>
<tr>
<td>Total</td>
<td>26,014,098</td>
<td>262,794</td>
<td>371,746</td>
<td>477,180</td>
<td>27,125,818</td>
</tr>
</tbody>
</table>

From the tenth census of the United States we find that there were in the United States 264 establishments with 539 wells, employing 5,065 hands and producing 29,800,298 bushels of salt valued at $4,817,636. Michigan stood first in rank, with eighty-six establishments and 203 wells, employing 5,147,209 of capital and 1,885 hands, paying $540,902 in wages and producing 12,425,885 bushels of salt valued at $2,271,913, nearly one-half the value of the total production of the country. New York had sixty-nine establishments and forty-two wells, employed 2,286,081 capital and 1,040 hands, paid $274,087 in wages and produced 8,748,203 bushels of salt worth $1,106,740. West Virginia came next with ten establishments and fifty-seven wells, $909,500 capital and 840 hands, paying wages to the amount of $160,227 and producing 2,679,438 bushels salt worth $380,369. Ohio, Pennsylvania, Virginia and California were the only other States producing more than $100,000 worth of this invaluable antiseptic The average depth of the
wells in Michigan was reported as 881 feet; New York, 324 feet; West Virginia, 1,043 feet; Ohio, 902 feet; Pennsylvania, 884 feet and Virginia's two wells, 262 feet. California mined and groundrock salt. The average strength of the Michigan brine was 91¼ degrees; that of Virginia, 86 degrees; Utah, 82½ degrees, New York, 69½ degrees; Ohio, 36.8 degrees, and West Virginia only 35⅞ degrees.

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PRESIDENTIAL VOTE.

MICHIGAN'S PRESIDENTIAL VOTE, 1836 TO 1884.

Year. CANDIDATES FOR PRESIDENT. Popular Vote. Per Cent. Plurality. Electoral.
1836 William Henry Harrison, Whig 4,045 34.4 Martin Van Buren, Democrat 7,335 64.5
# 3,287 3 1840 William Henry Harrison, Whig 22,933 51.8 1,837 3 Martin Van Buren,
Democrat 21,096 47.5 James G. Birney, Liberty 321 .7 1844 Henry Clay, Whig 24,237
43.6 James K. Polk, Democrat 27,703 49.9 3,466 5 James G. Birney, Liberty 3,632 6.5
1848 Zachary Taylor, Whig 23,930 36.8 Lewis Cass, Democrat 30,677 47.2 6,747 5 Martin
Van Buren, Free Soil 10,393 16.0 1852 Winfield Scott, Whig 33,971 40.9 Franklin Pierce,
Democrat 41,842 54.0 7,871 6 John P. Hale, Free Soil 71,237 8.7 1856 John C. Fremont,
Republican 71,762 57.2 19,623 6 James Buchanan, Democrat 52,139 41.5 Millard
Fillmore, American 1,660 1.3 1860 Abraham Lincoln, Republican 88,480 57.1 23,423 6
Stephen A. Douglas, Democrat 65,057 42.0 John C. Breckinridge, State Rights 805 .6
John Bell, American 405 .3 1864 Abraham Lincoln, Republican 85,352 55.9 # 17,982 8
George B. McClellan, Democrat 67,370 44.1 1868 Ulysses S. Grant, Republican 113,229
57.9 30,865 8 Horatio Seymour, Democrat 82,364 42.0 David Davis, Workingmen's 202 .1
1872 Ulysses S. Grant, Republican 136,199 62.7 59,179 11 Horace Greeley, Democrat and Liberal 77,020 35.4 Charles O'Connor, Democrat 2,861 1.3 James Black, Prohibition 1,271 .6 1876 Rutherford B. Hayes, Republican 166,534 52.5 25,439 11 Samuel J. Tilden, Democrat 141,095 44.4 Peter Cooper, Greenback 9,060 2.9 Green Clay Smith, Prohibition 766 .2 — Anti-Secret Society 75 1880 James A. Garfield Republican 185,190 52.8 53,889 11 Winfield S. Hancock, Democrat 131,301 37.5 James B. Weaver, Greenback 34,895 9.3 Neal Dow, Prohibition 938 .2 — Labor 312 .1 1884 James O. Blaine, Republican 192,669 48.1 42,834 13 Grover Cleveland, Democrat 149,835 37.2 Benjamin F. Butler, Greenback 41,490 10.3 Cleveland and Butler, Fusion 189,361 47.3 John P. St. John, Prohibition 18,403 4.6

# Majority.

Note.—The Fusion ticket of 1884 was made up by the nomination of twelve electors by the Democratic and Greenback conventions. If elected, their votes were to be cast for Cleveland and for Butler in proportion to the party vote cast for the thirteenth elector, nominated without expectation of election but as a test of party strength and basis of division. The Democratic ticket was headed by J. W. Flanders, who received 149,835 votes. The Greenback ticket was headed by M. W. Field, who received 41,490 votes. Had the other twelve (Fusion) electors been chosen, therefore, on this basis, the vote of Michigan in the Electoral College would have been Cleveland, 9; Butler, 3, and Blaine, 1.

56

VOTE FOR REPRESENTATIVES IN CONGRESS.

<table>
<thead>
<tr>
<th>County</th>
<th>Total</th>
<th>Democratic</th>
<th>Republican</th>
<th>Libertarian</th>
<th>Other</th>
<th>Plurality</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antrim</td>
<td>13,529</td>
<td>10,897</td>
<td>2,434</td>
<td>10</td>
<td></td>
<td>29,328</td>
</tr>
<tr>
<td>Arenac</td>
<td>474</td>
<td>393</td>
<td>307</td>
<td>700</td>
<td></td>
<td>1,249</td>
</tr>
<tr>
<td>Baraga</td>
<td>251</td>
<td>188</td>
<td>33</td>
<td>10,959</td>
<td></td>
<td>1,764</td>
</tr>
<tr>
<td>Bay</td>
<td>2,522</td>
<td>1,841</td>
<td>637</td>
<td>2,694</td>
<td></td>
<td>4,225</td>
</tr>
<tr>
<td>Benzie</td>
<td>381</td>
<td>253</td>
<td>128</td>
<td>317</td>
<td></td>
<td>632</td>
</tr>
<tr>
<td>Barry</td>
<td>2,296</td>
<td>1,421</td>
<td>635</td>
<td>534</td>
<td></td>
<td>3,556</td>
</tr>
<tr>
<td>Berrien</td>
<td>1,522</td>
<td>947</td>
<td>475</td>
<td>570</td>
<td></td>
<td>2,574</td>
</tr>
<tr>
<td>Branch</td>
<td>500</td>
<td>418</td>
<td>82</td>
<td>8</td>
<td></td>
<td>481</td>
</tr>
<tr>
<td>Charlevoix</td>
<td>728</td>
<td>576</td>
<td>152</td>
<td>9</td>
<td></td>
<td>1,338</td>
</tr>
<tr>
<td>Cheboygan</td>
<td>759</td>
<td>324</td>
<td>420</td>
<td>125</td>
<td></td>
<td>1,274</td>
</tr>
<tr>
<td>Chippewa</td>
<td>409</td>
<td>689</td>
<td>645</td>
<td>1,334</td>
<td></td>
<td>2,031</td>
</tr>
<tr>
<td>Clare</td>
<td>1,110</td>
<td>637</td>
<td>373</td>
<td>123</td>
<td></td>
<td>2,016</td>
</tr>
<tr>
<td>Clinton</td>
<td>1,462</td>
<td>913</td>
<td>449</td>
<td>121</td>
<td></td>
<td>2,023</td>
</tr>
<tr>
<td>Co Alpine</td>
<td>500</td>
<td>313</td>
<td>187</td>
<td>70</td>
<td></td>
<td>1,090</td>
</tr>
<tr>
<td>Co Benzie</td>
<td>500</td>
<td>307</td>
<td>193</td>
<td>10</td>
<td></td>
<td>710</td>
</tr>
<tr>
<td>Co Branch</td>
<td>500</td>
<td>313</td>
<td>187</td>
<td>10</td>
<td></td>
<td>710</td>
</tr>
<tr>
<td>Co Charlevoi</td>
<td>500</td>
<td>307</td>
<td>193</td>
<td>10</td>
<td></td>
<td>710</td>
</tr>
<tr>
<td>Co Cheboygan</td>
<td>500</td>
<td>313</td>
<td>187</td>
<td>10</td>
<td></td>
<td>710</td>
</tr>
<tr>
<td>Co Chippewa</td>
<td>500</td>
<td>307</td>
<td>193</td>
<td>10</td>
<td></td>
<td>710</td>
</tr>
<tr>
<td>Co Clare</td>
<td>500</td>
<td>307</td>
<td>193</td>
<td>10</td>
<td></td>
<td>710</td>
</tr>
<tr>
<td>Co Clinton</td>
<td>500</td>
<td>307</td>
<td>193</td>
<td>10</td>
<td></td>
<td>710</td>
</tr>
<tr>
<td>Co Co Alpine</td>
<td>500</td>
<td>313</td>
<td>187</td>
<td>10</td>
<td></td>
<td>710</td>
</tr>
<tr>
<td>Co Co Benzie</td>
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246 15 551 Schoolcraft 340 280 620 510 317 827 Totals 11,428 4,840 343 82 3 16,696
16,467 8,992 53 25,512 Plurality 6,588 7,475 59

VOTE FOR GOVERNOR

1882. 1884. COUNTIES. David H. Jerome. Rep. Josiah W. Begole. Fusion. Dan'l P. Sagendorph. Prohib. Russell A. Alger. Rep. Josiah W. Begole. Fusion. David Preston. Prohib. Jesse M. Miller. People's. Scattering. Total Vote, 1884. Alcona 478 193 617 266 1 884 Allegan 3,394 3,037 109 4,053 3,387 1,004 2 8,446 Alpena 831 857 2 1,077 1,016 56 2,149 Antrim 592 376 28 1,046 726 51 1,823 Arenac 314 586 56 1 957 Baraga 216 258 3 401 297 698 Barry 2,259 2,750 202 2,672 2,944 420 6,036 Bay 2,236 3,318 80 2,930 4,683 207 184 8,004 Benzie 362 293 4 553 374 81 1,008 Berrien 3,947 3,919 100 4,410 4,450 370 1 9,231 Branch 3,203 2,489 57 3,493 3,009 525 1 7,028 Calhoun 3,439 3,547 472 4,979 4,315 690 2 9,986 Cass 2,466 2,537 29 2,727 2,761 230 1 5,719 Charlevoix 658 433 30 1072 879 67 1 2,019 Cheboygan 558 692 5 776 902 44 1,722 Chippewa 377 446 3 678 638 28 1,344 Clare 469 395 26 614 684 44 1,342 Clinton 2,798 3,223 97 2,616 3,202 403 6,221 Crawford 278 159 309 219 9 537 Delta 459 439 51 1,198 618 6 1,822 Eaton 3,420 3,352 298 4,103 3,673 543 11 8,321 Emmet 628 759 80 767 892 124 1,783 Genesee 3,505 4,126 180 4,117 3,760 1,103 8,980 Gladwin 171 116 286 194 35 515 Gr'd Traverse 1,011 565 46 1,569 838 128 2,535 Gratiot 2,260 2,515 110 2,678 2,707 312 5,697 Hillsdale 3,471 3,005 188 4,260 3,166 750 1 3 8,180 Houghton 1,254 880 62 2,381 1,660 72 4,113 Huron 1,547 1,181 1,347 1,884 197 1 3,429 Ingham 3,299 4,279 171 3,694 4,362 636 9 8,701 Ionia 2,573 3,275 371 3,494 3,715 634 1 7,844 Iosco 731 464 54 1,071 807 39 1,917 Isabella 1,246 1 100 11 1,605 1,004 3,310 Isle Royale Jackson 3,805 5,192 258 4,784 5,326 760 12 10,882 Kalamazoo 3,538 3,265 45 4,421 3,784 491 1 8,697 Kalkaska 451 320 9 619 371 45 1,035 Kent 6,320 8,181 371 8,443 9,684 1,166 2 5 19,700 Keweenaw 445 219 10 622 202 12 836 Lake 614 468 106 932 671 113 1,716 Lapeer 2,296 2,085 87 3,000 2,722 360 6,082 Leelanaw 374 387 1 804 576 24 1,404 Lenawee 5,185 5,100 574 5,690 5,423 1,406 3 12,522 Livingston 2,580 2,953 48 2,705 2,852 305 5,862 Mackinac 276 382 1 480 557 2 1,039 Macomb 2,547 3,048 66 2,772 3,438 254 1 1 6,466 Manistee 1,132 1,664 52 1,327 1,877 190 1 3,395 Manitou 40 100 18 148 166 Marquette 2,995 1,304 45 4,249 1,446 86 5,781 Mason 1,067 921 48 1,269 1,238 75 2,582 Mecosta 1,367 1,228 44 2,340 1,819 242 4,401 Menominee 1,505 665 97 2,586 952 26 3,564 Midland 783 864 5 1,068 875 46 10 1,999 Missaukee 203 203 466 370 3 870 Monroe 2,399 3,210 92 3,075 3,786 295 7 3,716 Montcalm 2,819 2,792 200 3,849 3,754 215 11 7,820 Montmorency 113 58 90 137 11 238 Muskegon 1,847 2,778 138 3,428 3,166 381 6,975 Newaygo 1,226 1,664 122 1,946 2,064 210 4,220 Oakland
4,559 5,093 148 4844 5,341 647 10,832 Oceana 1,022 1,006 59 1,597 1,218 393 3,208
Ogemaw 378 300 495 458 17 1 971 Ontonagon 349 235 4 298 237 22 2 559 Osceola 731
495 125 1,466 768 324 2,558 Oscoda 117 43 4 198 88 4 290 Otsego 469 207 47 450 413
55 918 Ottawa 2,849 2,775 33 3,655 3,059 253 3 6,970 60 Proseque Isle 290 239 400 222
622 Roscommon 194 296 1 433 431 1 2 867 Saginaw 3,959 4,520 98 6,084 6,900 252
55 13,291 Sanilac 1,656 1,301 12 1,945 1,755 193 2 1 3,896 Schoolcraft 476 144 561
253 14 1 829 Shiawassee 2,524 2,872 139 2,659 2,997 789 15 1 6,461 St. Clair 3,400
3,519 45 4,079 4,568 388 14 9 9,058 St. Joseph 2,707 3,306 33 3,212 3,572 162 6 6,952
Tuscola 2,343 1,872 183 2,918 2,576 369 5,863 Van Buren 3,662 2,855 98 4,276 2,960
366 7 7,609 Washtenaw 3,413 4,541 346 3,934 5,250 782 9,975 Wayne 13,743 14,236
108 16,827 20,512 1,406 38,745 Wexford 873 548 62 1,219 844 192 2,255 Total 149,697
154,269 5,854 190,840 186,887 22,207 364 50 400,348

**VOTE FOR STATE OFFICERS.**

The aggregate vote in 1884 for State Officers other than Governor was officially returned by the Board of State Canvassers as follows:

**LIEUTENANT GOVERNOR.**

Archibald Buttars, Rep 191,614

Harthew H. Maynard, Fus 189,241

Alonzo Sherwood, Pro 19,205

John F. Wan Deventer, Poe 302

Imperfect and scattering 128

Total 400,490

Buttars' plurality 2,373

**STATE TREASURER.**
Library of Congress

Edward H. Butler, Rep 192,830
James Blair, Fus 188,480
A. B. Cheney, Pro 18,558
John Stover, Peo 287
Imperfect and scattering 642
Total 400,797
Butler's plurality 4,350

COMMISSIONER LAND OFFICE.

Minor S. Newell, Rep 192,550
John H. Dennis, Fus 188,211
Win. W. Barcus, Pro 19,168
Stephen P. Pool 15
Imperfect and scattering 44
Total 400,188
Newell's plurality 4,339

SUP'T PUBLIC INSTRUCTION.

Herschel R. Gass, Rep 192,652
Library of Congress

David Parsons, Fus 188,960

Joseph B. Steen, Pro 19,018

Imperfect and scattering 21

Total 400,651

Gass' plurality 3,692

SECRETARY OF STATE.

Harry A. Conant, Rep 192,929

William Shakespeare, Fus 188,546

Zacheus Chase, Pro 19,107

Paul Marrin, Peo 340

Imperfect and scattering 81

Total 401,003

Conaut's plurality 4,383

AUDITOR GENERAL.

William C. Stevens, Rep 192,840

George P. Sanford, Fus 188,314

O.E. Downing, Pro 18,980
Win. E. Leonard, Peo 353
Imperfect and scattering 255
Total 400,742
Stevens' plurality 4,526

ATTORNEY GENERAL.
Moses Taggart, Rep 192,986
Francis W. Cook, Fus 188,293
John H. Tatem, Pro 19,034
Chas. C. Foote 17
Imperfect and scattering 192
Total 400,522
Taggart's plurality 4,693

MEMBER BOARD OF EDUCATION.
James M. Ballou, Rep 192 441
Chris. Vanderveer, Fus 188,687
Isaac W. McKeever, Pro 19,079
Imperfect and scattering 134
Qualifications of Voters. — All male citizens, or foreigners who have legally declared their intention to become citizens, who have resided six months in the State and ten days in the voting precinct, and who have been registered as required by law, are entitled to vote at any general or special election.

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POST OFFICES IN MICHIGAN.

In the following list the name of the post office is followed by the name of the county in which it is located. Money order offices are printed in italics. Followed by a # indicates that international, or foreign, as well as domestic money orders are issued. The names of presidential post offices are followed by a number indicating their classification. County seats are indicated by a §. The list is revised to May 16, 1885.

The salaries of postmasters at offices of the 1st class are $3,000 or more; 2d class, from $2,000 to $2,900; 3d class, from $1,100 to $1,900; 4th class, not exceeding $1,000. Postmasters of the 4th class are appointed by the Postmaster General. The others are appointed by the President for a term of four years and confirmed by the Senate.

Abbott Mason.

Abronia Allegan.

Abscota Calhoun.

Acme Grand Traverse.

Ada Kent.
Adair St. Clair.

Adamsville Cass.

Addison Lenawee.

*Adrian* # § 2 Lenawee.

Advance Charlevoix.

Ætna Newaygo.

Agr'l College Ingham.

Ainger Eaton.

Akron Tuscola.

Alabaster Iosco.

Alamo Kalamazoo.

Alanson Emmet.

Alaska Kent.

Alba Antrim.

*Albion* 2 Calhoun.

Alcona Alcona.

Alembic Isabella.
Algansee Branch.

Alger Arenac.

Algodon Ionia.

Algonac St. Clair.

*Allegan* # § 3 Allegan.

*Allen* Hillsdale.

Allen Creek Oceana.

Allendale Ottawa.

*Alleyton* Newaygo.

Allis Presque Isle.

Allouez Keweenaw.

*Alma* Gratiot.

Altoona an Buren.

Almira Benzie.

*Almont* Lapeer.

*Alpena* # § 3 Alpena.

Alpine Kent.
Library of Congress

Alto Kent.

Alton Kent.

Altona Mecosta.

 Alverson Ingham.

Amadore Sanilac.

Amber Mason.

Amboy Hillsdale.

Amsden Montcalm.

Amy Oakland.

Ann Arbor # §2 Washtenaw.

Applegate Sanilac.

Appleton Emmet.

Aral Benzie.

Arbela Tuscola.

Arcadia Manistee.

Archie Grand Traverse.

Arenac Arenac.
Library of Congress

Argentine Genesee.

Argyle Sanilac.

Arkdale Lapeer.

Arkona Antrim.

Arland Jackson.

Armada Macomb.

Arn Bay.

Arthur Saginaw.

Arvon Baraga.

Ashland Newaygo.

Ashland Centre Newaygo.

Ashley Gratiot.

Ashton Osceola.

Assyria Barry.

Athens Calhoun.

Athlone Monroe.

Atkins St. Clair.
Library of Congress

Atlanta Montmorency.

*Atlantic Mine* Houghton.

Atlas Genesee.

Attica Lapeer.

Atwood Antrim.

Auburn Bay.

Au Gres Arenac.

*Augusta* Kalamazoo.

Aurelius Ingham.

*Au Sable* Iosco.

Austerlitz Kent.

Austin Oakland.

Au Train Schoolcraft.

Averill Midland.

Avery Berrien.

Avondale Osceola.

Ayr Emmet.
Bachelor Mason.

*Bad Axe* § Huron.

Bagley Menominee.

Bailey Muskegon.

Bainbridge Berrien.

Balch Lenawee.

*Baldwin* § Lake.

Ball Cheboygan.

*Bancroft* Shiawassee.

Bandola Wexford.

Banfield Barry.

*Bangor* Van Buren.

Bankers Hillsdale.

Banks Bay.

Bannister Gratiot.

Baraga Baraga.

Barbeau Chippewa.
Barker Creek Kalkaska.

Barkville Delta.

Bartlett Grand Traverse.

Bass River Ottawa.

Batavia Branch.

*Bath* Clinton.

*Battle Creek # 2* Calhoun.

Bauer Ottawa.

*Bay City # § 2* Bay.

Bay de Noquet Delta.

Bay Mills Chippewa.

Bay Port Huron.

Bay Springs Charlevoix.

Beacon Marquette.

*Bear Lake* Manistee.

Beaver Dam Ottawa.

Beaver Lake Ogemaw.
Bedell Bay.

*Bedford* Calhoun.

Bedford Station Calhoun.

Bedwin Charlevoix.

Beebe Gratiot.

Beech Wayne.

Belden Wayne.

Belding Ionia.

Bell Presque Isle.

*Bellaire* § Antrim.

Bell Branch Wayne.

Belle River St. Clair.

Belleville Wayne.

*Bellevue* Eaton.

Belmont Kent.

Belvidere Montcalm.

Bengal Clinton.
Bennington Shiawassee.
Benona Oceana.
Benson Wexford.
*Benton Harbor # 3 Berrien.*
*Benzonia § Benzie.*
Berlamont Van Buren.
*Berlin Ottawa.*
Berne Huron.
Berrien Centre Berrien.
*Berrien Springs §3 Berrien.*
Berryville Otsego.
Bertrand Berrien.
Berville St. Clair.
Bessemer Ontohagon.
Bethel Branch.
Big Beaver Oakland.
Big Prairie Newaygo.
Big Rapids # §2 Mecosta.

Big Spring Ottawa.

Bingham Leelanaw.

Birch Run Saginaw.

Bird Oceana.

Birkett Washtenaw.

*Birmingham* Oakland.

Bismarck Eaton.

Black Lake Muskegon.

Blackmar Saginaw.

Black River Alcona.

Blaine St. Clair.

Blanchard Isabella.

Blendon Ottawa.

Bliss Emmet.

*Blissfield* Lenawee.

Bloomer Montcalm.
Bloomingdale Van Buren.

Bluffton Muskegon.

Blumfield Saginaw.

Bohemian Ontonagon.

Bolton Alpena.

Bonanza Ionia.

Borculo Ottawa.

Bostwick Kent.

Bowen's Mills Barry.

Bowne Kent.

Boyne Charlevoix.

Boyne Falls Charlevoix.

Bradford Midland.

Bradford Lake Otsego.

Bradley Allegan.

Brampton Delta.

Branch Mason.
Brandon Oakland.
Brant Saginaw.
Bravo Allegan.
Breckenridge Gratiot.
Breedsville Van Buren.
Brice Gratiot.
Bridgehamton Sanilac.
Bridgeport Saginaw.
Bridgeton Newaygo.
Bridgeville Gratiot.
Bridgewater Washtenaw.
Bridgeman Berrien.
Brighton Livingston.
Briley Montmorency.
Brockway St. Clair.
Brockway Cent St. Clair.
Bronson Branch.
Library of Congress

Brookfield Eaton.

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_Brooklyn_ Jackson.

Brooks Newaygo.

Brouard Barry.

Brown City Sanilac.

Brownsville Cass.

Brutus Emmet.

_Buchanan_ 3 Berrien.

Buckhorn Cheboygan.

Buel Sanilac.

Buena Vista Saginaw.

Bullis Livingston.

Bunker Hill Ingham.

Burdickville Leelanaw.

Burgess Charlevoix.

_Burlington_ Calhoun.

Burnham Manistee.
Burnip's Cor Allegan.
Burnside Lapeer.
*Burr Oak* St. Joseph.
Burr Lake Cheboygan.
Burton Shiawassee.
Butler Branch.
Burman Gladwin.
Byers Mecosta.
*Byron* Shiawassee.
*Byron Centre* Kent.
*Cadillac* § 2 Wexford.
Cady Macomb.
Caldwell Isabella.
*Caledonia Station* Kent.
California Branch.
Calkinsville Isabella.
*Calumet* § 3 Houghton.
Library of Congress

Calvin Cass.

Cambria Hillsdale.

Cambridge Lenawee.

Camden Hillsdale.

Campbell Ionia.

Campbell's Cor Ogemaw.

Camp Douglas Manistee.

Canada Cor Muskegon.

Canandaigua Lenawee.

Canboro Huron.

Canby Emmet.

Cannonsburgh Kent.

Canton Wayne.

Capac St. Clair.

Carbondale Menominee.

Carland Shiawassee.

Carleton Monroe.
Carlisle Eaton.
Carlton Centre Barry.
Carney Menominee.
Caro # § 3 Tuscola.
Carpenter Emmet.
Carp Lake Emmet.
Carrollton Saginaw.
Carson City Montcalm.
Carsonville Sanilac.
Cascade Kent.
Casco St. Clair.
Caseville Huron.
Cash Sanilac.
Casnovia Kent.
Cass Bridge Saginaw.
Cass City Tuscola.
Cassopolis § 3 Cass.
Cato Montcalm.
Cedar Creek Barry.
Cedar Dale Sanilac.
Cedar Lake Montcalm.
Cedar River Menominee.
Cedar Rung'd Traverse.
Cedar Springs Kent.
Central Lake Antrim.
Central Mine Keweenaw.
Centre Line Macomb.
Centreville § St. Joseph.
Ceresco Calhoun.
Chadwick Ionia.
Champion Marquette.
Chandler Ionia.
Chapel Kent.
Chapin Saginaw.
Charleston Sanilaw.

Charlesworth Eaton.

(Charlevoix # § Charlevoix.

(Charlotte # § 3 Eaton.

Chase Lake.

Chauncey Kent.

(Cheboygan # §3 Cheboygan.

Chelsea 3 Washtenaw.

Cheneaux Mackinac.

Chesaning Saginaw.

Cheshire Allegan.

Chester Eaton.

Chesterfield Macomb.

Chestonia Antrim.

Chief Manistee.

Chippewa Lake Mecosta.

Chippewa Sta’n Osceola.
Chubb's Cor Livingston.

Churchill Ogemaw.

Church's Cor Hillsdale.

Clam Lake Antrim.

Clare Clare.

Clarendon Calhoun.

Clarion Charlevoix.

Clarksburgh Marquette.

Clarkston Oakland.

Clarksville Ionia.

Clawson Oakland.

Clay Bank Oceana.

Clay Hill Wexford.

Clayton Lenawee.

Clear Water Kalkaska.

Cleon Wexford.

Clifford Lapeer.
Climax Kalamazoo.

Clinton Lenawee.

Clio Genesee.

Clyde Oakland.

Coat's Grove Barry.

Cob Moo Sa Oceana.

Cohoctah Livingston.

Colby Montcalm.

Coldwater # § 2 Branch.

Cole Oakland.

Coleman Midland.

Colfax Wexford.

Collins Ionia.

Coloma Berrien.

Colon St. Joseph.

Columbia Tuscola.

Columbiaville Lapeer.
Columbus St. Clair.

Colwood Tuscola.

Commerce Oakland.

Comstock Kalamazoo.

Concord Jackson.

Cone Monroe.

Conger Manistee.

Conner's Creek Wayne.

Constantine 3 St. Joseph.

Conway Emmet.

Cooper Kalamazoo.

Coopersville Ottawa.

Copley Lake.

CopperFalls Mine Keweenaw.

Copper Harbor Keweenaw.

Coral Montcalm.

Corey Cass.
Corinth Kent.
Corning Allegan.
Cortland Centre Kent.
Corunna # §3 Shiawassee.
County Line Saginaw.
Covert Van Buren.
Craig Houghton.
Crapo Osceola.
Crawford Isabella.
Crawford's Q'y Presque I.
Cressey's Corners Barry,
Creswell Antrim.
Crooked Lake Clare.
Crosby Kent.
Crossman Tuscola.
Cross Village Emmet.
Croswell Sanilac.
Croton Nwaygo.
Crow Island Saginaw.
Crystal Montcalm.
Crystal Falls Marquette.
Crystal Valley Oceana.
Cumber Sanilac.
Cushing Cass.
Custer Mason.
Cutcheon Missaukee.
Daggett Menominee.
Dalley Cass.
Dalton Muskegon.
Damon Ogemaw.
Danby Ionia.
Dansville Ingham.
Dash Muskegon.
Davis Macomb.
Library of Congress

Davisburgh Oakland.

Davison Station Genesee.

Day Cass.

Dayton Berrien.

Deanville Lapeer.

Dearborn Wayne.

_Decatur_ 3 Van Buren.

Deciple Mecosta.

Deckerville Sanilac.

Deep River Arenac.

Deer Creek Livingston.

_Deerfield_ Lenawee.

Deer Lake Lake.

Deford Tuscola.

Delaware Mine Keweenaw.

Delhi Mills Washtenaw.

Dellwood Eaton.
Deloughary Menominee.

Delray Wayne.

Delta Eaton.

Delton Barry.

Delwin Isabella.

Denmark Tuscola.

Dennison Ottawa.

Denton Wayne.

Denver Newaygo.

Detour Chippewa.

Detroit § 1 Wayne.

Detroit Junc Wayne.

Devereaux Jackson.

De Witt Clinton.

Dexter Washtenaw.

Diamond Lake Newaygo.

Diamond Springs Allegan.
Dighton Osceola.

_Dimondale_ Eaton.

Disco Macomb.

Dollarville Chippewa.

Donaldson Chippewa.

_Dorr_ Allegan.

Dot Charlevoix.

_Douglas_ Allegan.

Dover Clare.

_Dowagiac # 3 Cass._

Dowling Barry.

Downington Sanilac.

Drake Lapeer.

Drayton Plains Oakland.

Drenthe Ottawa.

Drummond Chippewa.

Dryden Lapeer.
Library of Congress

Duck Lake Calhoun.
Duffield Genesee.

_Dundee_ Monroe.
Dunningville Allegan.
Du Plain Clinton.
Durand Shiawassee.
Dushville Isabella.
Dutton Kent.
Eagle Clinton.
Eagle Harbor Keweenaw.
Eagle Mills Marquette.
Eagle River § Keweenaw.

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Eames Oakland.
East Dayton Tuscola.
East Fremont Sanilac.
East Gilead Branch.

East Greenwood StClair.
East Jordan Charlevoix.

Eastlake Manistee.

East Le Roy Calhoun.

Eastmanville Ottawa.

East Milan Monroe.

East Paris Kent.

Eastport Antrim.

East Riverton Mason.

East Saginaw # 2 Saginaw.

East Saugatuck Allegan.

East Springport Jackson.

East Tawas # Iosco.

East Thetford Genesee.

Eastwood Saginaw.

Easy Tuscola.

Eaton Rapids 3 Eaton.

Eau Claire Berrien.
Echo Antrim.

Eckford Calhoun.

Ecorse Wayne.

Eden Ingham.

Edenville Midland.

Edgerton Kent.

Edgewood Gratiot.

Edmore 3 Montcalm.

Edna Roscommon.

Edson Corn'rs Missaukee.

Edwardsburgh Cass.

Elba Lapeer.

Elbridge Oceana.

Elk Genesee.

Elk Rapids # Antrim.

Ellington Tuscola.

Ellis Calhoun.
Ellsworth Antrim.

Elm Wayne.

Elmer Sanilac.

Elm Hall Gratiot.

Elmira Otsego.

Elmwood Tuscola.

Elsie Clinton.

Elva Tuscola.

Elwell Gratiot.

Ely Emmet.

Emerson Chippewa.

Emery Washtenaw.

Emmett St. Clair.

Empire Leelanaw.

English Menominee.

Englishville Kent.

Ensley Newaygo.
Epoufette Mackinac.

Epsilon Emmet.

Erie Monroe.

_Escanaba_ # §3 Delta.

Essexville Bay.

Eureka Clinton.

Evart # 3 Osceola.

Evergreen St. Clair.

Excelsior Kalkaska.

Exeter Monroe.

Fairfield Lenawee.

Fair Grove Tuscola.

Fair Haven St. Clair.

Fairview Oscoda.

Falcon Sanilac.

Fallassburgh Kent.

Falmouth Missaukee.
Fargo St. Clair.

Farmers Creek Lapeer.

Farmington Oakland.

Farwell Clare.

Fawn River St. Joseph.

Fayette Delta.

Fennville Allegan.

Fentonville 3 Genesee.

Fenwick Montcalm.

Fergus Saginaw.

Ferndale Lake.

Ferris Montcalm.

Ferry Oceana.

Ferrysburgh Ottawa.

Fife Lake Grand Traverse.

Filion Huron.

Filer City Manistee.
Fillmore Barry.
Fillmore Centre Allegan.
Finkton Antrim.
Fishers Station Kent.
Fitchburgh Ingham.
Five Lakes Lapeer.
FlatRock Wayne.
Fleming Livingston.
Fletcher Kalkaska.

_Flint # § 2 Genesee_,
Floeter Schoolcraft.
Florence St. Joseph.
Flower Creek Oceana.
Fowerfield St. Joseph.

_Flushing_ Genesee.
Ford River Delta.
Forester Sanilac.
Forest Grove Ottawa.

Forest Hill Gratiot.

*Forestville* Sanilac.

Forman Lake.

Forsyth Marquette.

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Wellington Crawford.

Wells Delta.

Wellsville Lenawee.

*West Bay City* # 3 Bay.

*West Branch* § Ogemaw.

West Campbell Ionia.

West Carlisle Kent.

West Casco Allegan.

West End Wayne.

West Haven Shiawassee.

West Le Roy Calhoun.

West Milbrook Mecosta.

West Olive Ottawa.

Weston Lenawee.

Westphalia Clinton.

West Sebewa Ionia.

West Sumpter Wayne.
Library of Congress

West Troy Newaygo.
Westville Montcalm.
West Windsor Eaton.
Westwood Kalkaska.
Wetzell Antrim.
Wexford Wexford.
Wheatfield Calhoun.
Wheatland Hillsdale.
Wheeler Gratiot.
White Hillsdale.

White Cloud Newaygo.
Whitefish Point Chippewa.
Whiteford Centre Monroe.

Whitehall Muskegon.
White Lake Oakland.
White Oak Ingham.

White Pigeon 3 St. Joseph.
White Rock Huron.
Whiteville Isabella.
Whitewood Wayne.
Whiting Lapeer.
Whitmore Lake Washtenaw.
Whitney Menominee.
Whitneyville Kent.
Whittaker Washtenaw.
Whittemore Iosco.
Wickware Sanilac.
Wilbur Jackson.
Wildwood Cheboygan.
Willard Bay.
Williams Kalamazoo.
Williamsburgh G'd Trav.
Williamston 3 Ingham.
Williamsville Cass.
Library of Congress

Willits Monroe.

Wilmot Tuscola.

Wilson Menominee.

Winfield Ingham.

Wingleton Lake.

Winterfield Clare.

Wise Isabella.

Wisner Tuscola.

Wixom Oakland.

Wolverine Cheboygan.

Woodbridge Lenawee.

Woodburn Oceana.

Wood Lake Montcalm.

Woodland Barry.

Woodmere Wayne.

Wood's Corners Ionia.

Woodstock Lenawee.
Library of Congress

Woodville Newaygo.

Wooster Hill Newaygo.

Worden Washtenaw.

Wright Ottawa.

Wright's Bridge Midland.

Wyandotte # Wayne.

Wyman Montcalm.

Yankee Spring Barry.

Yates Manistee.

York Washtenaw.

Yorkville Kalamazoo.

Ypsilanti 2 Washtenaw.

Yuba Grand Traverse.

Zeeland Ottawa.

Zilwaukee Saginaw.

Zion St. Clair.

Zutphen Ottawa.
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First Class.— Letters and all other written matter, whether sealed or unsealed, and all other matter so sealed or fastened that it cannot be easily examined, two cents per ounce or fraction thereof. Postal cards, one cent each. These are unmailable with any writing or printing on the address side except the directions, or with anything pasted upon or attached to them.

Second Class.— Newspapers and periodicals, when sent by publishers or news agents, two cents per pound or fraction thereof; when sent by persons other than the publishers or news agents, one cent for every four ounces or fraction thereof.

Third Class.—Printed matter in unsealed wrappers only, one cent for each two ounces or fraction thereof, which must be fully prepaid. This includes books circulars, chromos, hand-bills, engravings, music, pamphlets, proof-sheets and manuscript accompanying the same, and any reproduction upon paper by any process except hand-writing, type-writing and the copying-press, not in the nature of a personal correspondence. All matter enclosed in sealed envelopes notched on the sides or corners must pay first class rates. The limit of weight for third class matter is four pounds, except for a single book which may weigh more.

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UNITED STATES GOVERNMENT.

EXECUTIVE DEPARTMENT.
INAUGURATED

President—Grover Cleveland, Of New York Mar. 4, 1885.

Vice-President—Thomas A. Hendricks, of Indiana

THE CABINET.

APPOINTED

Secretary of State—Thomas Francis Bayard, of Delaware Mar. 4, 1885.

Secretary of the Treasury—Daniel Manning of New York

Secretary of War—Wm. Crowninshield Endicott, of Massachusetts

Secretary of the Navy—William Collins Whitney, of New York

Secretary of the Interior—Lucius Q. C. Lamar, of Mississippi

Attorney General—Augustus H. Garland, of Arkansas

Postmaster General—William Freeman Vilas, of Wisconsin

THE SUPREME COURT.

Chief Justice Morrison R. Waite, of Ohio Jan. 21, 1874.

Justice Samuel F. Miller, of Iowa July 16, 1862.

Justice Stephen J. Field, of California Mar. 10, 1863.

Justice Joseph P. Bradley, of New Jersey Mar. 21, 1870.
Justice John M. Harlan, of Kentucky Nov. 29, 1877.


Justice Stanley Matthews, of Ohio May 12, 1881.

Justice Horace Gray, of Massachusetts Dec. 20, 1881.


49th CONGRESS—THE SENATE.

President —Thomas A. Hendricks, of Indiana.

Secretary —Anson G. McCook, of New York.

ALABAMA.

TERM EXPIRES

John T. Morgan D. 1889

James L. Pugh D. 1891

ARKANSAS.

James H. Berry D. 1889

James K. Jones D. 1891

CALIFORNIA.

John F. Miller R. 1887
COLORADO.

Thomas M. Bowen R. 1889

Henry M. Teller R. 1891

CONNECTICUT.

Joseph R. Hawley R. 1887

Orville H. Platt R. 1891

DELAWARE.

George A. Gray D. 1887

Eli Salisbury D. 1889

FLORIDA.

Charles W. Jones D. 1887

Wilkinson Call D. 1891

GEORGIA.

Alfred H. Colquitt D. 1889

Joseph E. Brown D. 1891

ILLINOIS.
Library of Congress

Shelby M. Cullom R. 1889

John A. Logan R. 1891

INDIANA.

Benjamin Harrison R. 1887

Daniel W. Voorhees D. 1891

IOWA.

James F. Wilson R. 1889

William B. Allison R. 1891

KANSAS.

Preston B. Plumb R. 1889

John J. Ingalls R. 1891

KENTUCKY.

James B. Beck D. 1889

Joseph C. S. Blackburn D. 1891

LOUISIANA.

Randall L. Gibson D. 1889

James B. Eustis D. 1891
MAINE.
Eugene Hale R. 1887
William P. Frye R. 1889

MARYLAND.
Arthur P. Gorman D. 1887
E. K. Wilson D. 1891

MASSACHUSETTS.
Henry L. Dawes R. 1887
George F. Hear R. 1889

MICHIGAN.
Omar D. Conger B. 1887
Thomas W. Palmer R. 1889

MINNESOTA.
Samuel J.B. McMillan R. 1887
Dwight M. Sabin R. 1889

MISSISSIPPI.
James Z. George D. 1887
Library of Congress

Edward C. Walthal D. 1889

MISSOURI.

Francis M. Cockrell D. 1887

George G. Vest D. 1891

NEBRASKA.

Charles H. Van Wyck R. 1887

Charles F. Manderson E. 1889

NEVADA.

James G. Fair D. 1887

John P. Jones R. 1891

NEW HAMPSHIRE.

Austin F. Pike R. 1889

Henry W. Blair R. 1891

NEW JERSEY.

William J. Sewell R. 1887

John R. McPherson D. 1889

NEW YORK.

Library of Congress

Warner Miller R. 1887

William M. Evarts R. 1891

NORTH CAROLINA.

Matt. W. Ransom D. 1889

Zebulon B. Vance D. 1891

OHIO.

John Sherman R. 1887

Henry B. Payne D. 1891

OREGON.

Joseph H. Dolph R. 1889

PENNSYLVANIA.

John I. Mitchell R. 1887

James Donald Cameron R. 1891

RHODE ISLAND.

Nelson W. Aldrich R. 1887

Jonathan Chace R. 1889
SOUTH CAROLINA.
Matthew C. Butler D. 1889
Wade Hampton D. 1891

TENNESSEE.
Howell E. Jackson D. 1887
Isham G. Harris D. 1889

TEXAS.
Samuel B. Maxey D. 1887
Richard Coke D. 1889

VERMONT.
George F. Edmunds R. 1887
Justin S. Morrill R. 1891

VIRGINIA.
William Mahone R. 1887
H. H. Riddleberger R. 1889

WEST VIRGINIA.
Johnson N. Camden D. 1887
WISCONSIN.

Philetus Sawyer R. 1887

James M. Spooner R. 1891

Republicans, 42. Democrats, 34.

HOUSE OF REPRESENTATIVES.

ALABAMA.

1. James T. Jones# D

2. Hilary A. Herbert# D

3. William C. Oates# D

4. Alexander C. Davidson D

5. Thomas W. Sadler D

6. John M. Martin D

7. William H. Forney# D

8. Joseph Wheeler D

ARKANSAS.

1. Poindexter Dunn# D
Library of Congress

2. Clifton R. Breckenridge# D
3. James K. Jones# D
4. John H. Rogers# D
5. Samuel W. Peel# D

CALIFORNIA.
1. Barclay Henley# D
2. James A Loutitt R
3. Joseph McKenna R
4. William W. Morrow R
5. Charles N. Felton R
6. H. H. Markham R

COLORADO.
George G. Symes R

CONNECTICUT.
1. John R.. Buck R
2. Charles L. Mitchelle# D
3. John T. Wait# R
4. Edward W. Seymour D

DELAWARE.

Charles B. Lore D

FLORIDA.

1. Robert H. M. Davidson D
2. Charles Dougherty D

GEORGIA.

1. Thomas M. Norwood D
2. Henry G. Turner D
3. Charles F. Crispi D
4. Henry R. Harris D
5. Nathaniel J. Hammond D
6. James H. Blount D
7. Judson C. Clements D
8. Seaborn Reese D
9. Allen D. Candler D
10. George T. Barnes D
ILLINOIS.

1. Ransom W. Dunham# D
2. Frank Lawler D
3. James H. Ward D
4. George E. Adams# R
5. Reuben Ellwood# R
6. Robert R. Hitt# D
7. Thomas J. Henderson# D
8. Ralph Plumb R
9. Lewis E. Payson# D
10. Nicholas E. Worthington# D
11. William H. Neece# D
12. James M. Riggs# D
13. William M. Springer# D
14. Jonathan H. Rowell# R
15. Joseph G. Cannon# D
16. S. Z. Landes a D
17. John R. Eden D
18. William R. Morrison# D
19. R. W. Townshend# D
20. John R. Thomas# R

INDIANA.

1. John J. Kleiner# D
2. Thomas R. Cobb# D
3. Jonas G. Howard D
4. William S. Holman# D
5. Courtland C. Matson# D
6. Thomas D. Browne#
7. William F. Bynum D
8. James F. Johnston R
9. Thomas B. Ward# D
10. William D. Owen R
11. George W. Steel# b R
12. Robert Lowry# D
Library of Congress

13. George Ford D

IOWA.

1. Benton J. Hall D
2. Jeremiah H. Murphy# D
3. David B. Henderson# R
4. William E. Fuller R
5. Benjamin F. Frederick D
6. James B. Weaver Fus
7. Edwin H. Conger R
8. William P. Hepburn# R
9. Joseph Lyman R
10. Adoniram J. Holmes# R
11. Isaac S. Struble# R

KANSAS

1. Edmund N. Morrill# R
2. Edward H. Funston# R
3. Bishop W. Ferkins# R
Library of Congress

4. Thomas Ryan# R
5. John A. Anderson# R
6. Lewis Hanback# R
7. Samuel R. Peters# R

KENTUCKY.

1. William J. Stone D
2. Polk Laffoon D
3. John E. Halsell# D
4. Thomas A. Robertson# D
5. Albert S Willis# D
6. John G. Carlisle# D
7. Wm. C. F. Breckenridge D
8. James B. McCreary D
9. William H. Wadsworth R
10. William P. Taulbee D
11. Frank L. Wolford# D

LOUISIANA.
Library of Congress

1. Louis St. Martin D
2. Michael Hahn R
3. Edward J. Gay D
4. Newton C. Blanchard# D
5. J. Floyd King# D
6. Alfred B. Irion D

MAINE.
1. Thomas B. Reed# R
2. Nelson Dingley, Jr# R
3. Seth L. Milliken# R
4. Charles A. Boutelle# R

MARYLAND.
1. Charles H. Gibson D
2. Frank T. Shaw D
3. William H. Cole D
4. John V. L. Findlay# D
5. Barnes Compton D
6. Louis E. McComas\# R

**MASSACHUSETTS.**

1. Robert T. Davis\# R
2. John D. Long\# R
3. Ambrose A. Ranney\# R
4. Patrick A. Collins\# D
5. Edward D. Hayden R
6. Henry B. Levering\# R
7. Eben F. Stone\# R
8. Charles H. Allen R
9. Frederick D. Ely R
10. William W. Rice\# R
11. William Whiting\# R
12. Francis W. Rockwell\# R

**MICHIGAN.**

1. William C. Maybury\# D
2. Nathaniel B. Eldridge\# D
Library of Congress

3. James O'Donnell R
4. Julius C. Burrows R
5. Charles C. Comstock D
6. Edwin B. Winans# D
7. Ezra C. Carleton# D
8. Timothy M. Tarsney D
9. Byron M. Cutcheon# R
10. Spencer O. Fisher D
11. Seth C. Moffatt R

MINNESOTA.

1. Milo White# R
2. James B. Wakefield# R
3. Horace B. Strait# R
4. James B. Gilfillan R
5. Knute Nelson# R

MISSISSIPPI

1. John M. Allen D
Library of Congress

2. James B. Morgan D
3. Thomas C. Catchings D
4. Frederick C. Barry D
5. Otho R. Singleton# D
6. Henry S. Van Eaton# D
7. Ethelbert Barksdale# D

MISSOURI.

1. William H. Hatch# D
2. John B. Hale D
3. Alexander M. Dockery# D
4. James N. Burnes# D
5. William Warner R
6. John T. Heard D
7. John E. Hutton D
8. John J. O'Neill# D
9. John M. Glover D
10. Martin L. Clardy# D
Library of Congress

11. Richard P. Bland # D
12 William H. Wade D
13. William J. Stone D
14. William Dawson D

NEBRASKA.

1. Archibald J. Weaver # R
2. James Laird # R
3. George W, E. Dorsey R

NEVADA.

William Woodburn R

NEW HAMPSHIRE.

1. Martin A. Haynes # R
2. Jacob H. Gallinger R

NEW JERSEY.

1. George Hires R
2. James Buchanan R
3. Robert S. Green D
Library of Congress

4. James W. Pidcock D

5. William Walter Phelps# R

6. Hermann Lehlbach R

7. William McAdoo# D

NEW YORK.

1. Perry Belmont# D

2. Felix Campbell# D

3. Darwin R. James# R

4. Peter P. Mahoney D

5. Archibald M. Bliss D

6. Nicholas Muller# D

7. John J. Adams# D

8. Samuel S. Cox# D

9. Joseph Pulitzer D

10. Abram S. Hewitt# D

11. Truman A. Merriman D

12. Abraham Dowdney D
Library of Congress

13. Egbert L. Viele D
14. William G. Stahlnecker D
15. Lewis Beach# D
16. John H. Ketcham# R
17. James G. Lindsley R
18. Henry G. Burleigh# R
19. John Swinburne R
20. George West R
21. Frederick A. Johnson# R
22. Abraham X. Parker# R
23. J. Thomas Spriggs# D
24. John S. Pindar D
25. Frank Hiscock# R
26. Stephen C. Millard# R
27. Serene E. Paynell R
28. John Arnot# D
29. Ira Davenport R
30. Charles S. Baker R
31. John L. Sawyer R
32. John M. Farquhar R
33. John B. Weber R
34. Walter L. Sessions R

NORTH CAROLINA.
1. Thomas G. Skinner# D
2. James E. O'Hara# R
3. Wharton G. Green# D
4. William P. Cox# D
5. James W. Reid D
6. Risden T. Bennett# D
7. John S. Henderson D
8. William H. H. Cowles D
9. Thomas D. Johnston D

OHIO
1. Benjamin Butterworth R
Library of Congress

2. Charles E. Brown R
3. James E. Campbell# D
4. Charles M. Anderson D
5. Benjamin LeFevre# D
6. William D. Hill# D
7. George E. Seney# D
8. John Little R
9. William C. Cooper R
10. Jacob Romeis R
11. William W. Ellsberry D
12. Albert C. Thompson R
13. Joseph H. Outhwaite D
14. Charles H. Grosvenor R
15. Beriah Wilkins# D
16. George W. Geddes# D
17. Adoniram J. Warner# D
18. Isaac H. Taylor R
OREGON.

Binger Herman R

PENNSYLVANIA.

1. Henry H. Bingham# R
2. Charles O'Neill# R
3. Samuel J. Randall# D
4. William D. Kelley# R
5. Alfred C. Harmer# R
6. James B. Everhart# R
7. I. Newton Evans# R
8. Daniel Ermentrout
9. John A. Hiestand
10. William H. Sowden D
11. John B. Storm# D
12. Joseph A. Scranton R
13. Charles N. Brumm G. B
14. Frank Bound R
15. Frank C. Bunnell R
17. Jacob M. Campbell R
18. Louis E. Atkinson R
19. John W. Swope c D
20. Andrew G. Curtin D
21. Charles E. Boyle D
22. James S. Negley R
23. Thomas M. Bayne R
24. Oscar L. Jackson R
25. Alexander C. White R
26. George W. Fleeger R
27. William L. Scott D

At Large. Edwin S. Osborne R
RHODE ISLAND.

1. Henry J. Spooner# R  
2. William A. Pirce R  

SOUTH CAROLINA.

1. Samuel Dibble# D  
2. George D. Tillman# D  
3. D. Wyatt Aiken# D  
4. William H. Perry D  
5. John J. Hemphill# D  
6. George W. Dargan# D  
7. Robert Smalls# R  

TENNESSEE.

1. Augustus H. Pettibone# R  
2. Leonidas C. Houk# R  
3. John R. Neal D  
4. Benton McMillin# D  
5. James D. Richardson D
Library of Congress

6. Andrew J. Caldwell# D
7. John G. Ballentine# D
8. John M. Taylor# D
9. Peter T. Glass D
10. Zachary Taylor R

TEXAS

1. Charles Stewart# D
2. John H. Reagan# D
3. James H. Jones# D
4. David B. Culberson# D
5. James W. Throckmorton# D
6. Olin Welborn# D
7. William H. Crain D
8. James F. Miller# D
9. Roger Q. Mills# D
10. Joseph D. Sayers D
11. Samuel W. T. Lanham# D
VERMONT

1. John W. Stewart# R
2. William W. Grout R

VIRGINIA.

1. Thomas Croxton D
2. Harry Libbey# R
3. George D. Wise# D
4. James D. Brady R
5. George C. Cabell# D
6. John W. Daniel D
7. Charles T. O'Farrell# D
8. John S. Barbour# D
9. Connally F. Trigg D
10. J. Randolph Tucker# D

WEST VIRGINIA.

1. Nathan Goff, Jr.# R
2. William L. Wilson# D
3. Charles P. Snyder# D
4. Eustace Gibson# D

WISCONSIN.

1. Lucien B. Caswell R
2. Edward S. Bragg D
3. Robert M. LaFollette R
4. Isaac W. Van Schaick R
5. Joseph Rankin# D
6. Richard Guenther# R
7. Ormsby B. Thomas R
8. William T. Price# R
9. Isaac Stephenson# R

TERRITORIAL DELEGATES.

Arizona—C. C. Bean R

Dakota—Oscar I. Gifford R

Idaho—Theodore F. Singiser# R

Montana—Hiram F. Knowles R
New Mexico—Antonio Joseph D

Utah—John T. John T. Caine# D

Washington—Charles S. Voorhees R

Wyoming—J. M. Carey D

Note.—D. Democrats, 182; R., Republicans, 140: G. B., Greenbacker, 1; Fus., Fusionist, 1; Vacancy, 1; Total, 325.#Re-elected.

a.—Contested by James McCartney, R.

b.—Contested by M. H. Kidd, D

c.—In place of Wm. A. Duncan, died Nov. 14th, 1884.

72

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THAT IT IS THE ONLY LARGE ONE IN AMERICA.

THAT IT PAYS $4,000 A DAY FOR LOSSES BY DEATH AND DISABLING INJURY.

THAT IT HAS PAID $10,500,000 TO POLICY HOLDER SINCE 1864.

That ONE IN NINE of all insured under its Accident Policies have received Fatal or Disabling Injuries .

THAT IT IS ALSO One of the Best of Sound Life Companies.

That it Secures Full Payment by
$7,826,000 Assets, $1,947,000 Surplus,

Not by an Empty Treasury and Assessmebts on the Survivors.

THAT ITS POLICIES ARE ALL NON-FOREFEITABLE.

THAT IT PAYS ALL CLAIMS WITHOUT DISCOUNT

And immediately upon receipt of satisfactory proofs.

That its Rates as Low as will Permanently Secure

FULL PAYMENT OF THE FACE VALUE Of Policies .

73

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KALAMAZOO.

MICHIGAN.

WHOLESALE MANUFACTURERS OF ALL KINDS OF OPEN AND TOP BUGGIES AND ROAD CARTS.

AGENTS WANTED EVERYWHERE. WRITE FOR CATALOGUE AND PRICE LIST.
FINE WORK A SPECIALTY.WE ALSO MANUFACTURE A FULL LINE OF CUTTERS.
INCLUDING SWELL BODY, PORTLAND, SQUARE BOX, TWO-SEAT PORTLAND AND PONEY SLEIGHS.

MICHIGAN BUGGY CO., - KALAMAZOO, MICH.

STOP AT COOK [???] HOUSE,
THE LEADING HOTEL

E. H. HUDSON, Prop'r. ANN ARBOR.

W. J. CHITTENDEN.

LEWIS A. McCREEARY.

LEWIS A. McCREEARY.

RUSSELL HOUSE

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W. J. CHITTENDEN & CO., Proprietors.

BANNER TOBACCO COMPANY

LARNED STREET, COR. RANDOLPH, DETROIT, MICH.

MANUFACTURERS OF THE CELEBRATED

BANNER FINE CUT

BETTER THAN THE BEST.

ALSO PLUM PUDDING AND PRAIRIE ROSE, "CHIC," GARLAND, SNOW-FLAKE AND OTHER BRANDS OF SMOKING.
“Sam B. Scott” and “Ben Haxton” Cigars.

W. H. FEFFT, President.

M. B. MILLS, Vice-President.

BENJ. F. HAXTON, Secretary and General Manager.

THE PETER SMITH PATENT Heater and Hot Water Circulator FOR HEATING

Private Residences, Public Buildings, School Houses, Theatres, Stores, Offices, Railroad Stations, Railroad Cars, Green Houses,

Stables, etc., and for keeping a working pressure on Steam Fire Engines while in Engine House.

SMITH & OWEN HEATER CO.

MANUFACTURERS FOR THE UNITED STATES AND CANADA.

OFFICE AND FACTORY,

58 and 60 First Street, DETROIT, MICH.

THE OWEN MINERAL WELL AT YPSILANTI, MICHIGAN.

Water from the Owen Well is a real medicine, and unlike other saline waters, it does not have the effect of salt, and though brackish leaves a pleasant after-taste. It will cure any case or disease usually treated with calomel without the terrible after-effects. Diphtheria, Hemorrhoids and Hay Fever we have not failed to cure. For Cholera Morbus, Dysentery or Summer Complaint, try this water, for it is like magic in destroying the disease and
relieving all pain. We believe we have a perfect antidote for Asiatic Cholera. All Skin Diseases have been treated with perfect success. This water, though it has great power in curing disease, is so nicely equalized in its properties that it will not injure the most delicate person and can be given to a child without danger. It is a perfect disinfectant and for sponge baths it has not an equal. It removes dandruff and its use will cleanse the scalp and prevent the hair from falling out. This water does not lose its virtue by age, thus enabling us to ship in packages of any size.

Circulars giving a full and correct analysis of the water, together with directions for using, will be sent upon application. Water can be obtained at the following prices:

Per barrel, $8.00, Half barrel, $4.50. 10-gal. kegs, $3.25.

In jugs of 5 gallons and under a; uniform price of twenty cents per gallon and ten cents per gallon for packages. Price in bottles: pints, $3.00 per dozen; quarts, $5.00 per dozen. All orders must be accompanied by draft or money order.

T. C. OWEN, Ypsilanti, Mich.

YPSILANTI MINERAL SPRING WATER

THE WATER FROM THE Ypsilanti MINERAL SPRING

Has been introduced to the public during the past two years. It has been tried and tested in a variety of diseases and has given universal satisfaction. The great strength of the medicinal properties of the Water makes it the best and cheapest ever offered to the public.

Send for circulars and price lists.

Address, Ypsilanti Mineral Spring, YPSILANTI, MICH.
A FEW MICHIGAN RESORTS.

**DIAMOND LAKE**, ON THE AIR LINE OF THE MICHIGAN CENTRAL, is a beautiful sheet of water about nine miles in circumference, surrounded by a natural forest of oak, maple and beach. It is a delightful resort for those seeking relief from business cares and who desire the recreation of rural life and sylvan scenes. In the lake is art island of seventy-five acres. The fishing is very fine, bass, pickerel and many other species being in abundance. Wall-eyed pike and black bass may be caught in May and June. On the north shore of the lake is a fine summer hotel (FOREST HALL), where the Michigan Central trains stop. This hotel is fitted up with all modern improvements and is admirably conducted. Pose office address, Cassopolis, Mich.

**ST. CLAIR MINERAL SPRINGS**, ON THE LINE OF THE MICHIGAN CENTRAL.

St. Clair itself is a prosperous, elegant little town of about two thousand inhabitants, on the west bank of St. Clair River and about half way between Lakes Huron and St. Clair. The Oakland is a fine large hotel and sanitarium situated on the river bank, just south of St. Clair, and within three minutes' walk of the Michigan Central Depot. It is a favorite place for those who wish a summer's perfect resort, as well as those who seek relief from disease. The St. Clair Mineral Spring Water is of the same general class as the Saratoga and German saline spas, but more powerful than most of them. Taken internally, or in the form of hot or cold baths, it is found to be very efficacious in all forms of diseases of the skin, blood, liver and genitals. The baths are no less delightful than curative and result in a physical vigor that gives a new zest to life.

**SOUTH HAVEN**, TERMINUS OF SOUTH HAVEN DIVISION MICHIGAN CENTRAL. is a charming town of fifteen hundred population, located where Black River empties into Lake Michigan. The surrounding country is fruitful and picturesque, fish and game abound, the facilities for bathing and camping-out are excellent and the lake breezes render the
summer climate delightful and healthy. A local resort for many years, its reputation has quietly spread to distant regions without the aid of special advertising.

**TOPINABEE, THE NORTHERN HAY FEVER RESORT,** is situated on the narrow peninsula between Mullet and Burr Lakes, thirty miles south of Mackinac Island. It is one of the best points in Northern Michigan for hook and line fishing, bass, pickerel, pike and whitefish being abundant in the lakes, with fine trout and grayling streams near at hand. Game is very plentiful.

On account of its high, dry and healthful situation, Topinabee has been chosen as the permanent location of the Northern Hay Fever Resort Association, whose President, George L. Pratt, Ridgeway, N. Y., may be applied to by those desirous of additional information. The grounds form a natural park, rising in terraces from the lake, covered with timber and carpeted with winter-greens, arbutus and sweet ferns, and the climate and outdoor life will infuse new life into the most wearied denizen of the city.

**YPSILANTI, ON THE MAIN LINE OF THE MICHIGAN CENTRAL,** has rapidly become one of the most important resorts for health seekers in the country. Its mineral water has proved a most potent natural medicine for very many organic and chronic diseases. With its alkaline reaction and its sulphates of sodium, potassium and magnesium, its bromide, sulphur and iron, it is a powerful tonic and an eliminator of miasmatic and blood-poisons from the system. It is used both externally and internally with great effect and tends to equalize the circulation, regulate cardiac action, excite secretion and tone the muscular and nervous system. A fine bath-house has been erected and health and pleasure seekers will find Ypsilanti a delightful resting place.

**BOVININE** is a raw food extract and concentration of the vital principles of beef and mutton, palatable nutritious and easily assimilated. It sustained General Grant' life for months. J. P. BUSH MAN'F'G CO., 91 Washington St., Chicago.

78
TO MACKINAC AND THE “SOO”

THE FIRST-CLASS PROPELLER “MESSENGER”

Comes out of her winter quarters thoroughly refitted and in first-class condition for Passenger and Freight traffic. During the season of 1885 she will leave her dock at CHEBOYGAN ON MONDAYS, WEDNESDAYS AND FRIDAYS FOR SAULT SAINTE MARIE, VIA MACKINAW CITY, ST. IGNACE AND MACKINAC ISLAND,


Connects at Cheboygan with the Michigan Central; at Mackinaw City with the Michigan Central and Grand Rapids & Indiana; at St. Ignace with the Detroit, Mackinac & Marquette R. R.; and at Sault Ste. Marie with Lake Superior Streamers.

The route is a most delightful one of great scenic interest and the most direct and expeditions one to the picturesque points of the greatest of the lakes.

CHARLES R. SMITH, Cheboygan, Mich.

79

The Michigan Central is the only real “Niagara Falls Route” in the country—none genuine without “M. C.” blown in the bottle. It is the only railroad that gives a satisfactory view of the Falls. Every day train stops from five to ten minutes at Falls View, which is what the name indicates—a splendid point from which to view the great cataract. It is right on the brink of the grand canyon, at the Canadian end of the Horseshoe, and every part of the Falls is in plain sight. Even if he is too ill or too lazy to get out of his car, he can see the liquid wonder of the world from the window or the platform. This is the Michigan Central's strongest hold on popular favor. its greatest advantage, its chief attraction. So long as the waters of that mighty river thunder down to the awful depths below, so long as the rush and roar, the
surge and foam and prismatic spray of nature's cataractic masterpiece remain to delight and awe the human soul. thousands and tens of thousands of beauty-lovers and grandeur-worshipers will journey ever the only railroad from which it can be seen. There is but one Niagara Falls on earth and but one direct great railway to it.

After leaving Falls View, the train sweeps along the edge of the mighty chasm, some two or three miles, to Suspension Bridge, giving constant and ever-changing views of the cataract and the surging, boiling river, as it madly rushes and rages between the perpendicular walls of stone, three hundred feet high, that form the great canyon of Niagara. The stream is crossed on the new Cantilever Bridge, which, stretching over the rearing flood, from precipice to precipice, seemingly resting on air alone, is a marvel of engineering skill and daring. It is a dizzy height above the seething waters, and seems a pathway only for winged creatures, but the train rushes over it as though it were a highway cut in solid stone. From the bridge there is a magnificent view of the Falls, the Rapids and the Suspension Foot-Bridge, above the Cantilever; while below it the eye takes in the Lower Rapids and the awful Whirlpool, where Captain Webb's body was found.

On the New York side of the river the road follows the very brink of the canyon for a mile or more, affording continual glorious glimpses of the Cataract, the Rapids and all the other noted spots; and, after leaving the town of Niagara, it, winds along the margin of the river, furnishing views of the islands and the Upper Rapids, until the mighty stream widens out into Lake Erie, just as the conductor announces Buffalo. It is a twenty-mile long flying panorama of God's and Nature's sublimest handiwork—a feast to the eye, ear, heart, soul and imagination that is worth the cost in time and money of a trip across the continent or around the world.— Col. P. Donan in St. Louis Spectator.

80

The Michigan Central
IS THE GREAT ARTERY of the trade and travel through which pulsates the commercial life of the State. Chartered in 1832, when the population numbered but forty thousand and Detroit was little more than a village, it has exerted an influence in the upbuilding of the State and the development of its rich resources not to be computed. Sharing in the early struggles and in the financial reverses of the people, it has made possible the wealth and prosperity that now exists. It has grown with the population and fortunes of the State, that has always taken a just pride in it, until now it is not only “The Great East and West Highway,” wearing its well-earned title of “The Niagara Falls Route.” but it is more than ever the Michigan Central, with its lines of steel rails running from Detroit, the metropolis and its focal point, eastward to Buffalo, south to Toledo, west to Chicago and Grand Rapids and north to the Saginaws, Bay City and Mackinaw, while its branches and connections permeate both peninsulas, a network of life-sustaining veins. Leaving out two towns with which it has close connections, it runs its cars to the eleven largest cities of the State, having an aggregate population of more than 327,000. It traverses the richest agricultural and timber lands of the State, the great factories of the State are on its lines and it is the great outlet of its fruit, salt and coal regions, as well as of the Upper Peninsula with its marvelous stores of mineral wealth. The map shows its importance more strongly than any description, but the Mackinaw Division is worthy of special mention as being the direct line to the Northern Peninsula; to Mackinac, the tourist's paradise, the gem of the Great Lakes, reserved by Congress as a National park; to Topinabee, the great resort of hay-fever sufferers; to the lake ports of Cheboygan and Mackinaw City, from which steamers run to Manistique, Saul, Ste. Marie and other points of interest; through the great pine forests that fill the air with healing balsamic odors; to Grayling, Rescommon and a score of other places on brawling streams whose cold clear waters are filled with speckled brook trout and grayling, the princes of piscatorial prizes. Nature has filled this northern portion of the Lower Peninsula with beauty, stocked it with fish and game and sends over it gentle zephyrs of purest ozone, giving health and vigor to the sick and weary. An admirable system of through cars and close connections has placed this remarkable region within easy reach of Boston, New York, Philadelphia, Cincinnati, Louisville, Chicago
and St. Louis. Illustrated descriptive folders can be obtained from any of the company's officers or agents.

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MAP OF PART OF THE MICHIGAN CENTRAL SHOWING Main Line (U. S.) and Air Line, South Bend, Joliet, South Haven, Grand Rapids, Saginaw, Bay City and Toledo AND Michigan Midland Division.

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MICHIGAN LAND

FOR SALE

On the Line of the Michigan Central R. R.

The Michigan Central Railroad, when it acquired the Jackson, Lansing & Saginaw Railroad, acquired also the Government Land Grant, comprising in the neighborhood of 600,000 acres in Saginaw, Bay, Arenac, Ogemaw, Roscommon, Missaukee, Kalkaska, Crawford, Oscoda, Montmorency, Otsego, Antrim, Cheboygan and Charlevoix countries. This portion of the great State of Michigan contains a fair population and is very rapidly filling up with the best class of settlers from all parts of the United States and Canada. The completion of the Michigan Central Railroad to Mackinaw City, passing through about the center of these lands, has given an impetus to immigration that promises to rapidly settle all the lands still unsold.

The country is what is generally known as “heavy-timbered” land. There is pine enough interspersed among the hard wood to supply settlers with building material for many years to come. Sugar maple and beech are the predominant woods, while other kinds, such as elm, basswood and hemlock, are to be found. The trees attain a gigantic size, proving the great productiveness of the soil.
The soil is generally of a dark sandy loam and in many places has a clay subsoil. Vegetables of every kind grow abundantly and in great perfection. The crops are never a failure. Wheat, corn, buckwheat, peas, rye and potatoes are the principal crops, all of which yield abundantly. Four hundred and fifty bushels of potatoes have been raised from one acre and fifty bushels of wheat to an acre have been grown. The average yield of wheat is about twenty bushels and of potatoes about one hundred and ten bushels per acre.

The winters are not colder than in Southern Michigan, Northern Ohio and Indiana. Snow generally falls to a depth of from eighteen inches to two feet and the surface of the around seldom freezes. Potatoes and many other root crops are frequently left in the ground all winter and dug out in the following spring and found in excellent condition.

During the summer the nights are cool, while the days are never excessively hot. General good health prevails at all seasons and malarial diseases are rare. Fever and ague and kindred diseases are almost unknown and people who have suffered from them for many years speedily and permanently recover after coming here. Many families came here to escape the chills and fever that had so persistently followed them in the West and all have been permanently benefited by the change.

Tickets will be sold to intending settlers to any point north of Oakley, Michigan, by all agents of the Michigan Central Railroad, at two cents per mile, and for settlers on or near the line of the road the Michigan Central Railroad will carry household goods and other freight at half regular freight rates.

Parties who may wish to look at the lands can also obtain any desired information from any of the agents of the Company.
Library of Congress

The fullest information in regard to climate, crops, taxes, prices of lands, and any other subject of interest to persons intending to immigrate, will be furnished upon application, in person or by letter, to

HON. O. M. BARNES, Land Commissioner, LANSING, MICH.

83

AMERICAN EXPRESS COMPANY FORWARDERS BETWEEN ALL THE PRINCIPAL CITIES IN THE New England, Middle and Western States Exclusive Occupants for the Express Business of 36,000 Miles of Railroads with nearly 5,000 Agencies.

THROUGH EXPRESS CARS FROM NEW YORK TO THE WEST BY SPECIAL EXPRESS TRAINS CARRYING NO PASSENGERS.

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TO THE PUBLIC.

This little book, born of the Compiler's own necessities, is presented to fill the need of a compact compendium of practical information about the State of Michigan, of little cost and bulk and of easy reference. No pains have been spared to collect the latest data and to secure the utmost accuracy. Errors may possibly exist and the Compiler will be thankful to have them, as well as any changes that may occur, pointed out, but it is confidently believed to be more accurate within its scope than any similar publication. Should it be found to be useful and to meet with public favor, it is proposed to revise and enlarge it from time to time, by the addition of much valuable matter now being prepared, and make it a standard handbook of the State.
ADDENDA AND CORRIGENDA.

Page 15, At the spring election, 1885, Allen B. Morse, Fusion, was elected Justice of the Supreme Court over Thomas M. Cooley, Republican, for the term of eight years ending December 31, 1893. By the subsequent resignation of Judge Cooley, Judge Campbell becomes Chief Justice by Seniority.

The Legislature at its last session created the counties of Alger from the north and west portions of Schoolcraft and Iron from the west portion of Marquette.

Page 61. Brandon is now discontinued. Barron Lake, Cass county, Fairland, Berrien county, and Wadsworth, Huron county, are new Post Offices.

PALACE SLEEPING AND PARLOR CARS.

THE GREAT HIGHWAY OF EAST AND WEST TRAVEL.

“THE NIAGARA FALLS ROUTE.”

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Through without change between Chicago, Toledo, Detroit and Principal Michigan Cities and Niagara Falls, Buffalo, Montreal, Boston, New York, and Eastern Points, via New York Central & Hudson River, Boston & Albany and Canadian Pacific, with comfort, celerity and safety.

SUMPTUOUS MEALS IN DINING CARS.

E. O. BROWN Gen'l Supt., DETROIT.
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O. W. RUGGLES, Gen'l Passenger and Tkt. Agt., CHICAGO.

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