MAP OF THE UNITED STATES, INCLUDING ALASKA AND PUERTO RICO, SHOWING THE DISTRIBUTION OF IRON DEPOSITS

Scale 1:5 000 000

100 0 100 200 300 400 500 Miles

By Martha S. Carr and Carl E. Dutton, 1957

EXPLANATION

Deposits and groups of deposits containing iron-ore resources of at least 200,000 long tons. The symbols indicate the principal ore minerals. Single symbols are centered on the location of the deposit; if more than one symbol is used, the one to the left indicates the location. The principal deposits are indicated by name.

Numbers refer to those in iron-ore resource tabulation

DEPOSITS	GROUPS OF DEPOSITS	ORE MINERALS
7	6	Hematite
2	5	Limonite (Brown ore)
4	12	Magnetite
3	10	Siderite *Ores occur as thin beds or as scattered nodules*

CHART A

Estimated tonnage of direct-shipping iron ore and concentrates obtainable by present methods and of potential iron ore in the United States, by regions, 1955, in millions of long tons

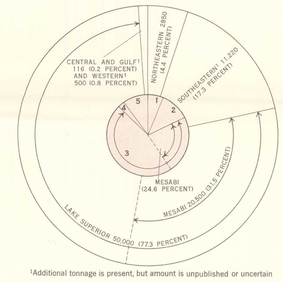
EXPLANATION

Estimated tonnage of direct-shipping iron ore and concentrates obtainable by present methods in the United States—about 5500 million long tons

Number	Region	Millions of long tons	Percent
1	Northeastern	300	5.5
2	Southeastern	610	11.2
3	Lake Superior	4000	73.4
4	Central and gulf	50	0.9
5	Western	490	9.0

Estimated tonnage of potential iron ore in the United States— about 65,000 million long tons

All percentages are of total United States resources

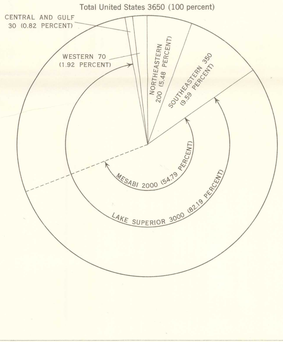


[1]Additional tonnage is present, but amount is unpublished or uncertain

CHART B

Production of direct-shipping iron ore and concentrates in the United States, by regions, through 1955, in millions of long tons

Total United States 3650 (100 percent)



AREA OR DEPOSIT — TYPE OF ORE

ALASKA

1. Heines-Klukwan — Titaniferous magnetite.
2. Jumbo Basin, Prince of Wales Island — Magnetite.
3. Kasaan Peninsula, Prince of Wales Island:
   - Mount Andrew-Marnie — Do.
   - Poor Man — Do.
   - Tolstoi Mountain — Do.
4. Snettisham — Titaniferous magnetite.

PUERTO RICO

1. Juncos — Magnetite.
2. Mayagüez Mesa — Lateritic limonite.

WESTERN REGION

Arizona

1. Apache (Canyon Creek-Swamp Creek Mountain) — Hematite.
2. Iron mine (Seligman) — Do.
3. New Planet — Do.
4. Pikes Peak — Hematite and magnetite.

California

1. Cave Canyon — Magnetite and hematite.
2. Eagle Mountains — Do.
3. Hinz Mountain (Jennings) — Do.
4. Iron Hat (Ironclad) — Do.
5. Iron Mountain-Bessemer (Lava Bed) — Magnetite.
6. Iron Mountain-Iron King (Silver Lake) — Do.
7. Kingston — Magnetite and hematite.
8. Minaret — Magnetite.
9. Old Dad Mountain — Magnetite and hematite.
10. San Gabriel Mountains — Titaniferous magnetite.
11. Shasta-California — Magnetite.
12. Vulcan — Magnetite and hematite.

Colorado

1. Cebolla — Titaniferous magnetite and limonite.
2. Orient-Bennett — Limonite.
3. Red Cliff-Battle Mountain — Manganiferous siderite and limonite.
4. Taylor Peak — Magnetite.

Idaho

1. Iron Mountain — Magnetite and specular hematite.
2. Little Sawmill Creek — Specular hematite.
3. Poison and McKim Creeks — Do.

Montana

1. Blackfeet Indian Reservation — Titaniferous magnetite.
2. Carter Creek (Dillon) — Magnetite.
3. Chateau — Titaniferous magnetite.
4. Iron Cross (Radersburg) — Do.
5. Iron Mountain (Neihart) — Hematite.
6. Running Wolf (Stanford) — Magnetite and hematite.
7. Sheep Creek (White Sulphur Springs) — Hematite and limonite.
8. Southern Cross — Magnetite.

Nevada

1. Barth — Hematite.
2. Buena Vista Hills, Buena Vista and Segerstrom-Heizer mines — Magnetite.

Nevada—Continued

3. Copperopid — Magnetite.
4. Dayton — Magnetite and hematite.
5. DeLong mine, Jackson Range — Magnetite.
6. Minnesota — Do.
7. Modarelli (Reque) — Hematite.
8. Phelps Stokes — Magnetite.

New Mexico

1. Boston Hill — Manganiferous hematite and magnetite.
2. Caballos Range — Hematite.
3. Copitas — Magnetite and hematite.
4. Chloride Flat — Manganiferous hematite and limonite.
5. Fierro-Hanover — Magnetite and hematite.
6. Iron Mountain — Do.
7. Jones — Magnetite.
8. Orogrande — Magnetite and hematite.
9. Sycamore-Bear Canyon — Hematite.

Oregon

1. Coos Bay — Titaniferous magnetite.
2. Satterfield Homestead (Tolman) — Magnetite and hematite.
3. Scappoose — Limonite.

Utah

1. Bull Valley — Hematite and magnetite.
2. Iron Springs — Do.

Washington

1. Blewett — Magnetite and hematite.
2. Buckbarn — Magnetite.
3. Cle Elum — Magnetite and hematite.
4. Deep Lake (Bechtol and Thompson properties) — Limonite.
5. Deer Trail (Read) — Magnetite.
6. Hamilton (Iron Mountain) — Manganiferous hematite and magnetite.
7. Sumas Mountain — Hematite.
8. Summit (Denny and Guye properties) — Magnetite.

Wyoming

1. Atlantic City — Magnetite.
2. Hartville (Sunrise) — Hematite.
3. Iron Mountain (Laramie Range) — Titaniferous magnetite.
4. Shanton (Laramie Range) — Do.

LAKE SUPERIOR REGION

Michigan

1. Gogebic range — Hematite.
2. Marquette range — Do.
3. Menominee range — Hematite, limonite and siderite.

Minnesota

1. Cuyuna range — Limonite and hematite.
2. Fillmore County — Limonite.
3. Mesabi range — Limonite, hematite, and taconite.
4. Vermilion range — Hematite.

Wisconsin

1. Baraboo range — Hematite.
2. Black River Falls — Magnetite and hematite.
3. Gogebic range — Hematite and magnetite.
4. Menominee range, Florence area — Hematite and limonite.
5. Mayville-Iron Ridge district — Hematite.

CENTRAL AND GULF REGION

Arkansas

1. Magnet Cove — Titaniferous magnetite.
2. Northeastern Arkansas — Limonite.

Iowa

1. Waukon — Limonite.

Missouri

1. Bourbon-Sullivan — Magnetite and hematite.
2. Central Missouri — Limonite.
3. Iron Mountain — Specular hematite.
4. Pea Ridge — Magnetite and hematite.
5. Southeastern Missouri — Limonite.

Oklahoma

1. Arbuckle Mountain district, north-central part — Limonite.
2. Arbuckle Mountain district, western part — Do.
3. Lake Lawtonka area — Titaniferous magnetite.
4. Wichita Mountains, Iron Mountain-Mountain Glenn-Mount Baker area — Do.

South Dakota

1. Iron Mountain — Hematite and limonite.

Texas

1. North basin — Limonite and siderite.
2. South basin — Do.

SOUTHEASTERN REGION

Alabama

1. Birmingham — Hematite.
2. Eastern Alabama — Limonite.
3. Greasy Cove — Hematite.
4. Greens Creek-Calvin Mountain — Do.
5. Lookout Mountain Plateau — Do.
6. Murphree's Valley — Do.
7. Russellville — Limonite.
8. Shinbone Ridge — Hematite.
9. Southern Alabama — Limonite.
10. Springville-Whitney — Hematite.
11. Talladega — Gray or specular hematite and magnetite.
12. Wills Valley, northwestern side — Hematite.
13. Wills Valley, southeastern side — Do.
14. Woodstock — Limonite.
15. Woodstock-Bucksville — Hematite.

Georgia

1. Broncho — Hematite.
2. Cartersville — Do.
3. Cenchatt — Do.
4. Copeland — Do.
5. Dirtseller Mountain (Callyarton) — Do.
6. Eagle Cliff — Do.
7. Estelle — Do.
8. Lookout Mountain area — Do.
9. New England-Wildwood — Do.
10. Northwestern Georgia — Limonite.
11. Pudding Ridge — Hematite.
12. Rising Fawn — Do.
13. Taylor Ridge — Do.

Kentucky

1. Northeastern Kentucky, Appalachian region:
   - 1a. Hanging Rock area — Siderite.
   - 1b. Slate Creek area — Do.
2. Rose Run area — Hematite.
3. Trigg, Lyon, Livingston, and Crittenden Counties — Limonite.

Maryland

1. Allegany and Garrett Counties — Siderite.
2. Catoctin Mountain — Limonite.
3. Catoctin Mountain — Magnetite.
4. Chestnut Hill ore banks — Limonite.

Maryland—Continued

5. Coastal Plain — Siderite.
6. Eritts and Tussey Mountains — Hematite.
7. Springfield mine — Specular hematite.
8. Tolley ore bank — Limonite.
9. Wills Mountain — Hematite.

Mississippi

1. Lafayette County — Limonite; some hematite and siderite.
2. Marshall County, southeastern part — Do.
3. Webster County and borders of Montgomery and Choctaw Counties — Do.

North Carolina

1. Bellamy belt — Nontitaniferous and titaniferous magnetite.
2. Big ore bank — Magnetite.
3. Cranberry — Do.
4. Knap of Reeds (Camp Butner) — Hematite and magnetite.
5. Valley River belt — Limonite.

Tennessee

1. Chamberlain-Barnardsville — Hematite.
2. Cumberland Plateau — Do.
3. Eastern Tennessee — Limonite.
4. Eschee — Hematite.
5. Glen Alice — Do.
6. Inman — Do.
7. North Chattanooga — Do.
8. Northeastern Tennessee, including LaFollette area — Do.
9. Oultewah — Do.
10. Rockwood-Cardiff — Do.
11. Western Highland Rim — Limonite.

Virginia

1. Alleghany County and vicinity — Limonite and hematite.
2. Blue Ridge — Hematite.
3. Carroll-Grayson district — Titaniferous magnetite.
4. Gossan Lead — Limonite.
5. Lee-Wise district — Hematite.
6. Pulaski-Smyth district — Limonite.

West Virginia

1. Central West Virginia — Siderite.
2. Greenbrier and Pocahontas Counties — Limonite.
3. South Fork Mountain — Hematite.

NORTHEASTERN REGION

Maine

1. Aroostook County, central district — Hematite and magnetite.
2. Aroostook County, northern district — Hematite.
3. Aroostook County, southern district — Magnetite, hematite, and manganiferous siderite.

New Jersey

1. Dover district — Magnetite.
2. Ogden mines — Do.
3. Oxford mines — Do.
4. Ringwood district — Do.

New York

1. Arnold Hill, Ausable Forks area — Magnetite.
2. Benson mines — Magnetite and hematite.
3. Croton mine, Brewster belt — Magnetite.
4. Fishkill-Clove — Limonite.
5. Forest of Dean group — Magnetite.
6. Hammondville-Crown Point — Do.
7. Harlem Valley — Limonite.
8. Lake Sanford — Titaniferous magnetite.
9. Lyon Mountain belt — Magnetite.
10. Mineville-Port Henry — Do.
11. Saranac Valley — Do.
12. Southeastern St. Lawrence County, except Benson mines — Do.
13. Sterling belt — Hematite.
14. Sterling Lake — Magnetite.
15. West-central New York — Hematite.

Ohio

1. Southeastern Ohio — Siderite.
2. Tuscarawas County and adjacent areas — Do.

Pennsylvania

1. Boyertown — Magnetite.
2. Central Pennsylvania limonite area other than Scotia — Limonite.
3. Central Pennsylvania hematite area — Hematite.
4. Cornwall — Magnetite.
5. Dillsburg — Do.
6. Grace mine — Do.
7. Rittenhouse Gap — Do.
8. Scotia — Limonite.
9. Vera Cruz — Magnetite.
10. Western Pennsylvania — Siderite.
11. White Rocks — Limonite.

Rhode Island

1. Iron Mine Hill — Titaniferous magnetite.

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.
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