

**U.S. Department of Commerce,
Bureau of Industry and Security (BIS)
DIB Strategic Materials Assessment: Magnesium**
Dropdown Menu Options

Section 1a: Organization Information

A. Select the Description that best identifies your organization:

- Commercial Company
- Non-Profit Organization
- U.S. Government Organization
- University

B. Provide the following information for the level at which your organization is responding to this survey (Corporate / Whole Organization or Business Unit / Division)

- Corporate/Whole Organization
- Business Unit/Division

C/D. Provide the following information for your company.

- State - List of States
- Country - List of Countries

E. Is your organization publicly traded or privately held?

- Publicly Traded
- Privately Held

F. Point of Contact regarding this survey:

- State - List of States

Section 1b: Organization Information

A. Commercial market segment participation

- Yes
- No

B. Government/Defense market segments

- Yes
- No

Section 1c: Organization Information

A. Business Lines

- Yes
- No

B. Small Business

- Yes
- No

Section 1d: Organization Information

- Provide the following information for your company.
 - Location
 - State - List of States
 - Country – List of Countries
 - Operations
 - Facility Primary Operation
 - Dropdown of business lines from 1c.A

Section 2a: Key Products

Please complete the table below to describe your organization's **magnesium** capabilities.

- Type
 - Ingot
 - Sponge
 - Slab
 - Powder
 - Billet
 - Other semi-finished
 - Bar or Rod
 - Plate or Sheet
 - Pipe or Tube
 - Coil or Strip
 - Casting
 - Machined Part
 - Other finished product
- Manufacture/Distribute
 - Manufacture
 - Distribute
- Product Composition/Grade
 - Alloy/Unalloyed
 - Alloy
 - Unalloyed
 - Grade/composition
 - List in table at bottom of tab
- End Use
 - Primary sector end use
 - Defense

Dropdown Menu Options – For Reference Purposes

- Government, Non-Defense
 - Commercial/Industrial, Non-Defense
 - Academic/University
 - Other/Not Sure
- Primary end use application
 - See list on tab 1b part A
- Production/Disposition
 - Percentage sold to external customers
 - Percentages
- Single/Sole Source
 - Sole U.S. Source
 - Sole Global Source
 - Not Sole Source
 - Not Sure

Section 2b: Additional Products

Please complete the table below for the **other products** offered by your organization.

- Product Composition
 - Type
 - Ingot
 - Sponge
 - Slab
 - Powder
 - Billet
 - Other semi-finished
 - Bar or Rod
 - Plate or Sheet
 - Pipe or Tube
 - Coil or Strip
 - Casting
 - Machined Part
 - Other finished product
 - Primary Material
 - List of Metals
- Manufacture/Distribute
 - Manufacture
 - Distribute

Dropdown Menu Options – For Reference Purposes

- End Use
 - Primary sector end use
 - Defense
 - Government, Non-Defense
 - Commercial/Industrial, Non-Defense
 - Academic/University
 - Other/Not Sure
 - Primary end use application
 - See list on tab 1b part A

Section 3a: Suppliers

Provide information on Magnesium-related suppliers

- Supplier Information
 - Type of Supplier
 - Material Provider
 - Service Provider
- Input information
 - Type
 - Ingot
 - Sponge
 - Slab
 - Powder
 - Billet
 - Other semi-finished
 - Bar or Rod
 - Plate or Sheet
 - Pipe or Tube
 - Coil or Strip
 - Casting
 - Machined Part
 - Other finished product
- Supplier Information
 - Supplier State - List of States
 - Supplier Country - List of Countries
 - Single/Sole Source
 - Single source supplier
 - Sole source supplier
 - Not single or sole supplier
 - Not sure

Dropdown Menu Options – For Reference Purposes

- Product use
 - Magnesium – dropdowns from tab 2a: Type, Alloy, Composition, Sector End Use
 - Additional – dropdowns from tab 2b: Type, Material, Sector End Use

Section 3b: Inventory of Magnesium-Related Inputs

Provide Magnesium-related inventory information

- Magnesium-related input – dropdowns from tab 3a: Type, Description
- Supply distribution since 2012
 - Has disruption occurred?
 - Yes
 - No
 - Not Applicable

Section 3c: Inputs and Sourcing

A. Does your organization utilize any of the following critical materials for your Magnesium operations, your overall operations, or both?

- No
- Non-Magnesium
- Magnesium
- Both

B. Critical material details

- Operation Utilization
 - Magnesium
 - Non-Magnesium
 - Both
 - No
- Inventory – Maintain
 - Yes
 - No
- Inventory – Quantity Unit of Measure
 - Ounces
 - Pounds
 - Tons
 - Grams
 - Kilograms
 - Metric Tons

Dropdown Menu Options – For Reference Purposes

- Direct Source – Type
 - Distributor
 - Mine
 - Original Manufacturer
 - Recycler
 - Other
 - Direct Source – Type
 - Country – List of Countries
- C. Do you **maintain concern** regarding the availability of any key inputs for your organization's operations?
- Yes/No
 - Dropdowns from list in part B.
- D. Have you **experienced supply chain disruption** impacting your organization's operations?
- Yes/No
 - Dropdowns from list in part B.

Section 4: Operations and Challenges

- A. Utilization
- Part 1: Percentages
 - Part 2: Yes/No
- B. Challenges utilizing external suppliers
- A: Yes/No

Section 5: Competitiveness and Outlook

- A. Improve Competitiveness – Since 2010
- Business restructuring
 - Capital investment
 - Customer service improvements
 - Innovation, R&D, and design improvements
 - Marketing improvements
 - Quality control improvements
 - Staff adjustments
- B. Improve Competitiveness – Next 5 years
- Business restructuring
 - Capital investment
 - Customer service improvements
 - Innovation, R&D, and design improvements

Dropdown Menu Options – For Reference Purposes

- Marketing improvements
- Quality control improvements
- Staff adjustments

C. Program/System Impacts

- Yes
- No

Section 6a: U.S. Government and DOD Participation

A. Dependence of demand – Magnesium/Non-Magnesium Related

- 1 Not dependent
- 2 Minimally dependent
- 3 Somewhat dependent
- 4 Moderately dependent
- 5 Highly dependent
- Not applicable

B. Dependence on U.S. Government

- 1 – Yes, No, Not Applicable
- 2 - Percentages
- 3 – Yes, No, Not Applicable

C. Select potential impacts of a decrease in U.S. Government demand

- Yes
- No

Section 6b: U.S. Government and DOD Participation

To the best of your knowledge, identify any U.S. Government agencies your organization **directly and/or indirectly** supports from the list below. *(Multiple Drop Downs)*

A. Supported a U.S. Government agency?

- Yes
- No

B. Specific agency support

- Magnesium-Related
- Non-Magnesium Related
- Both
- Unknown/No Visibility

C. Product specific support

- Agency Name: Agencies from part B.
- Products – dropdowns from tab 2a: Type, Alloy, Composition, Sector End Use

Dropdown Menu Options – For Reference Purposes

Section 7: Sales

- Source of Sales Data/Reporting Schedule
 - Source of Sales Data
 - Corporate/Whole Organization
 - Business Unit/Division
 - Reporting Schedule
 - Calendar year
 - Fiscal year

Section 8: Customers

- Customer location
 - State – list of states
 - Country – list of countries
- Products provided – lists populated from tabs 2a and 2b

Section 9: Financials

- Source of Financial Reporting/Financial Reporting Schedule
 - Source of Financial Reporting
 - Corporate/Whole Organization
 - Business Unit/Division
 - Financial Reporting Schedule
 - Calendar year
 - Fiscal year

Section 10: Employment

- Source of Employment Reporting/Employment Reporting Schedule
 - Source of Employment Reporting
 - Corporate/Whole Organization
 - Business Unit/Division
 - Employment Reporting Schedule
 - Calendar year
 - Fiscal year

- B. Does your organization have difficulty hiring/retaining workers?
- Hiring
 - Retaining
 - Both
 - No

Dropdown Menu Options – For Reference Purposes

C. Identify any unique Magnesium related skills and/or competencies that are essential to your organization. Identify the general type of skill and/or competency from the drop-down menu then describe it in the right hand box. *(Multiple Drop Downs)*

- Analytical skill/competency
- Design skill/competency
- Engineering skill/competency
- Management or development skill/competency
- Production or manufacturing skill/competency
- Quality control or testing skill/competency
- Scientific skill/competency
- Other service-related skill/competency
- Other type of skill/competency

Section 11: Research and Development

- Source of R&D Reporting/R&D Reporting Schedule
 - Source of R&D Reporting
 - Corporate/Whole Organization
 - Business Unit/Division
 - R&D Reporting Schedule
 - Calendar year
 - Fiscal year

Section 12: Capital Expenditures

- Source of Capital Expenditure Data/Capital Expenditure Reporting Schedule
 - Source of Capital Expenditure Data
 - Corporate/Whole Organization
 - Business Unit/Division
 - Capital Expenditure Reporting Schedule
 - Calendar year
 - Fiscal year

A. Total Capital Expenditures

- Percentages

B. Organization's cap ex impacted due to reductions in USG defense spending?

- Past
- Future
- Both
- No

C. Identify any unique or critical equipment, infrastructure, and/or facilities owned and/or operated by your organization (e.g. space environmental simulation facilities,

wind tunnels, rocket test equipment, etc.) for Magnesium-related applications.
Provide a brief description of each. (*Multiple Drop Downs*)

- Equipment
- Infrastructure
- Facility
- Other Type (Specify in comment box)