

**U.S. Department of Commerce,  
Bureau of Industry and Security (BIS)  
DIB Strategic Materials Assessment: Titanium**  
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 **titanium** 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
    - Government, Non-Defense

**Dropdown Menu Options – For Reference Purposes**

- 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 titanium-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
- Product use

**Dropdown Menu Options – For Reference Purposes**

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

### **Section 3b: Inventory of Titanium-Related Inputs**

Provide titanium-related inventory information

- Titanium-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 titanium operations, your overall operations, or both?

- No
- Non-Titanium
- Titanium
- Both

B. Critical material details

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

**Dropdown Menu Options – For Reference Purposes**

- 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
  - Marketing improvements

**Dropdown Menu Options – For Reference Purposes**

- Quality control improvements
- Staff adjustments

C. Program/System Impacts

- Yes
- No

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

A. Dependence of demand – Titanium/Non-Titanium 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

- Titanium-Related
- Non-Titanium 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 titanium 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 titanium-related applications. Provide a brief description of each. (*Multiple Drop Downs*)

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