I. Total U.S. Trade with the United Arab Emirates

In 2016, U.S. exports to the UAE totaled $22.4 billion, a 2.7% ($621.8 million) decrease from 2015; U.S. imports from the UAE totaled $3.4 billion, a 36.0% ($888.0 million) increase; and the trade deficit was $19.0 billion, a 7.4% ($1.5 billion) decrease in the deficit from 2015.

<table>
<thead>
<tr>
<th>Year</th>
<th>Exports</th>
<th>Imports</th>
<th>Balance</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>22,559.1</td>
<td>2,253.0</td>
<td>$20,306.1</td>
</tr>
<tr>
<td>2013</td>
<td>24,476.1</td>
<td>2,291.2</td>
<td>$22,184.8</td>
</tr>
<tr>
<td>2014</td>
<td>22,111.1</td>
<td>2,819.6</td>
<td>$19,291.5</td>
</tr>
<tr>
<td>2015</td>
<td>23,003.6</td>
<td>2,468.0</td>
<td>$20,535.6</td>
</tr>
<tr>
<td>2016</td>
<td>22,381.8</td>
<td>3,356.0</td>
<td>$19,025.8</td>
</tr>
</tbody>
</table>

**Five-year Average**

<table>
<thead>
<tr>
<th></th>
<th>Exports</th>
<th>Imports</th>
<th>Balance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average</td>
<td>23,037.5</td>
<td>2,458.0</td>
<td>20,579.5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year</th>
<th>Value</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>6,637.5</td>
<td>41.7%</td>
</tr>
<tr>
<td>2013</td>
<td>1,917.0</td>
<td>8.5%</td>
</tr>
<tr>
<td>2014</td>
<td>-2,365.0</td>
<td>-9.7%</td>
</tr>
<tr>
<td>2015</td>
<td>892.5</td>
<td>4.0%</td>
</tr>
<tr>
<td>2016</td>
<td>-621.8</td>
<td>-2.7%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year</th>
<th>Value</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>-186.8</td>
<td>-6.1%</td>
</tr>
<tr>
<td>2013</td>
<td>38.2</td>
<td>1.7%</td>
</tr>
<tr>
<td>2014</td>
<td>528.4</td>
<td>23.1%</td>
</tr>
<tr>
<td>2015</td>
<td>-351.6</td>
<td>-12.5%</td>
</tr>
<tr>
<td>2016</td>
<td>888.0</td>
<td>36.0%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year</th>
<th>Value</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>$6,786.1</td>
<td>50.3%</td>
</tr>
<tr>
<td>2013</td>
<td>$1,878.7</td>
<td>9.3%</td>
</tr>
<tr>
<td>2014</td>
<td>$(2,893.4)</td>
<td>-13.0%</td>
</tr>
<tr>
<td>2015</td>
<td>$1,244.1</td>
<td>6.4%</td>
</tr>
<tr>
<td>2016</td>
<td>$(1,509.8)</td>
<td>-7.4%</td>
</tr>
</tbody>
</table>

Values in Millions of U.S. Dollars. Source: U.S. Census Bureau Foreign Trade February 9, 2017
Of the $22.4 billion in U.S. exports to the UAE in 2016, the top commodity sectors were Transportation Equipment (40.5%), Machinery and Mechanical Appliances (23.4%), and Stone, Glass, & Semiprecious Metals (8.9%).

Of the $3.4 billion in U.S. imports from the UAE in 2016, the top commodity sectors were Base Metals (37.5%) and Specials Items (24.5%).

<table>
<thead>
<tr>
<th>Imports from United Arab Emirates</th>
<th>U.S. Commodity Trade with United Arab Emirates for 2016</th>
<th>US exports to United Arab Emirates</th>
</tr>
</thead>
<tbody>
<tr>
<td>$3,355,993,604</td>
<td>Total Value All Commodities</td>
<td>$22,381,773,419</td>
</tr>
<tr>
<td>1.5% Agriculture (Chapters 01-24)</td>
<td>5.6%</td>
<td></td>
</tr>
<tr>
<td>9.9% Minerals (Chapters 25-27)</td>
<td>1.1%</td>
<td></td>
</tr>
<tr>
<td>7.2% Chemicals, Plastics, Leather (Chapters 28-43)</td>
<td>6.0%</td>
<td></td>
</tr>
<tr>
<td>0.5% Wood Products (Chapters 44-49)</td>
<td>0.6%</td>
<td></td>
</tr>
<tr>
<td>1.7% Textiles and Footwear (Chapters 50-67)</td>
<td>0.6%</td>
<td></td>
</tr>
<tr>
<td>9.9% Stone, Glass, &amp; Semiprecious Metals (Chapters 68-71)</td>
<td>8.9%</td>
<td></td>
</tr>
<tr>
<td>37.5% Base Metals (Chapters 72-83)</td>
<td>1.9%</td>
<td></td>
</tr>
<tr>
<td>0.0% Machinery (Chapter 84-85)</td>
<td>23.4%</td>
<td></td>
</tr>
<tr>
<td>1.8% Transportation (Chapters 86-89)</td>
<td>40.4%</td>
<td></td>
</tr>
<tr>
<td>0.3% Optical, Measuring, Medical or Other instruments (Chapters 90-92)</td>
<td>2.7%</td>
<td></td>
</tr>
<tr>
<td>0.1% Arms and Ammunition (Chapter 93)</td>
<td>3.9%</td>
<td></td>
</tr>
<tr>
<td>0.6% Miscellaneous Manufactured Items (Chapter 94-96)</td>
<td>1.2%</td>
<td></td>
</tr>
<tr>
<td>0.1% Art &amp; Antiques (Chapter 97)</td>
<td>0.3%</td>
<td></td>
</tr>
<tr>
<td>24.5% Special Items (Chapters 98-99** imports only 98)</td>
<td>2.7%</td>
<td></td>
</tr>
</tbody>
</table>

Source: US Census Bureau, February 9, 2017
II. Exports to the Philippines subject to US Government Filing Requirements

Of the $22.4 billion in U.S. exports to the UAE in 2016:

- 1.5% were subject to a BIS license requirement
  - 0.8% were exported under a BIS license; Worldwide, 0.5% were exported under a BIS license.
  - 0.7% were exported under a BIS license exception; Worldwide, 1.6% were exported under a BIS license exception.
- 29.7% were exported under No License Required with an ECCN; Worldwide, 12.2% were exported under No License Required with an ECCN.

### Exports to United Arab Emirates Subject to U.S. Government Filing Requirements

<table>
<thead>
<tr>
<th></th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Department of State</td>
<td>$1,603.8</td>
<td>$2,552.1</td>
<td>$3,118.5</td>
</tr>
<tr>
<td>Other USG Agencies</td>
<td>$50.8</td>
<td>$142.9</td>
<td>$160.1</td>
</tr>
<tr>
<td>Department of Commerce</td>
<td>$20,456.4</td>
<td>$20,308.6</td>
<td>$19,103.1</td>
</tr>
<tr>
<td>BIS Licensed</td>
<td>$67.2</td>
<td>$98.8</td>
<td>$186.4</td>
</tr>
<tr>
<td>BIS License Exceptions</td>
<td>$161.4</td>
<td>$196.4</td>
<td>$160.3</td>
</tr>
<tr>
<td>NLR reporting an ECCN</td>
<td>$4,825.7</td>
<td>$5,469.7</td>
<td>$6,649.8</td>
</tr>
<tr>
<td>NLR not reporting an ECCN</td>
<td>$15,398.9</td>
<td>$14,537.7</td>
<td>$12,098.1</td>
</tr>
<tr>
<td>600-Series &quot;Y&quot; Paragraph NLR</td>
<td>$3.3</td>
<td>$6.0</td>
<td>$8.6</td>
</tr>
</tbody>
</table>

Values in Millions of U.S. Dollars. Source: Automated Export System February 10 2017

<table>
<thead>
<tr>
<th>Reasons for Control</th>
<th>Chemical and Biological Weapons</th>
<th>Nuclear Nonproliferation</th>
<th>National Security</th>
<th>Missile Tech</th>
<th>Regional Stability</th>
<th>Firearms Convention</th>
<th>Crime Control</th>
<th>Anti-Terrorism</th>
</tr>
</thead>
<tbody>
<tr>
<td>United Arab Emirates</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

Source: Automated Export System February 10 2017

### Primary Jurisdiction of 2016 U.S. Exports to the United Arab Emirates

- No ECCN Reported (FTR & EAR): 54.1%
- EAR: Reporting ECCN: 31.3%
- NLR Reporting ECCN: 29.7%
- BIS Licensed: 0.8%
- BIS License Exceptions: 0.7%
- 600-Series "Y" NLR: 0.04%
- ITAR: 13.9%
- Other USG Agencies: 0.7%

Source: Automated Export System February 10 2017
In 2016, U.S. exports to the UAE shipped under a BIS license exception totaled $160.3 million, a 18.4% ($36.1 million) decrease from 2015.

The top license exception Encryption commodities, Software and Technology (ENC) totaled $87.5 million (54.6% of all license exceptions).

Source: Automated Export System, February 10, 2017
In 2016, U.S. exports to the UAE under BIS License Exception Strategic Trade Authorization decreased by 34.7% from $133.9 million to $87.5 million.
# Analysis of Exports to the United Arab Emirates subject to U.S. Government Filing Requirements

## Top Ten ECCNs by Value to United Arab Emirates ($millions)

<table>
<thead>
<tr>
<th>#</th>
<th>ECCN</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1</td>
<td>9A610</td>
<td>Military Aircraft and Related Commodities</td>
</tr>
<tr>
<td>#2</td>
<td>9A619</td>
<td>Military Gas Turbine Engines and Related Commodities</td>
</tr>
<tr>
<td>#3</td>
<td>3A611</td>
<td>Military Electronics</td>
</tr>
<tr>
<td>#4</td>
<td>1A613</td>
<td>Armored and Protective Equip., Constructions, and Components</td>
</tr>
<tr>
<td>#5</td>
<td>5A002</td>
<td>Systems/Equip./Integrated Circuits for Info Sec</td>
</tr>
<tr>
<td>#6</td>
<td>0A606</td>
<td>Ground Vehicles and Related Commodities</td>
</tr>
<tr>
<td>#7</td>
<td>1A004</td>
<td>Protective and Detection Equip.</td>
</tr>
<tr>
<td>#8</td>
<td>3A231</td>
<td>Neutron Generator Systems Including Tubes</td>
</tr>
<tr>
<td>#9</td>
<td>2B352</td>
<td>Equip. for Handling Biological Materials</td>
</tr>
<tr>
<td>#10</td>
<td>9B610</td>
<td>Test, Inspection, and Production Equip. and Related Commodities Specia...</td>
</tr>
</tbody>
</table>

## Exceptional Licenses

<table>
<thead>
<tr>
<th>#</th>
<th>ECCN</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1</td>
<td>9A991</td>
<td>Aircraft and Certain Gas Turbine Engines N.E.S.</td>
</tr>
<tr>
<td>#2</td>
<td>5A992</td>
<td>Information Security Equip.</td>
</tr>
<tr>
<td>#3</td>
<td>5A991</td>
<td>Transmission Items Not W/i Parameters In 5A001</td>
</tr>
<tr>
<td>#4</td>
<td>7A994</td>
<td>Other “Software” as Follows (See List of Items Controlled).</td>
</tr>
<tr>
<td>#5</td>
<td>2A291</td>
<td>Nuclear Reactor and Nuclear Power Plant Related Eq</td>
</tr>
<tr>
<td>#6</td>
<td>2B999</td>
<td>Specific Processing Equip., N.E.S.</td>
</tr>
<tr>
<td>#7</td>
<td>8A992</td>
<td>Underwater Systems Or Equip.</td>
</tr>
<tr>
<td>#8</td>
<td>1A613</td>
<td>Armored and Protective Equip., Constructions, and Components</td>
</tr>
<tr>
<td>#9</td>
<td>4A994</td>
<td>Items Not Controlled By 4A001/4A002/4A003</td>
</tr>
<tr>
<td>#10</td>
<td>0A614</td>
<td>Military Training Equip.</td>
</tr>
</tbody>
</table>

## NLR with ECCN

<table>
<thead>
<tr>
<th>#</th>
<th>ECCN</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1</td>
<td>9A991</td>
<td>Aircraft and Certain Gas Turbine Engines N.E.S.</td>
</tr>
<tr>
<td>#2</td>
<td>5A992</td>
<td>Information Security Equip.</td>
</tr>
<tr>
<td>#3</td>
<td>5A991</td>
<td>Transmission Items Not W/i Parameters In 5A001</td>
</tr>
<tr>
<td>#4</td>
<td>7A994</td>
<td>Other “Software” as Follows (See List of Items Controlled).</td>
</tr>
<tr>
<td>#5</td>
<td>2A291</td>
<td>Nuclear Reactor and Nuclear Power Plant Related Eq</td>
</tr>
<tr>
<td>#6</td>
<td>2B999</td>
<td>Specific Processing Equip., N.E.S.</td>
</tr>
<tr>
<td>#7</td>
<td>8A992</td>
<td>Underwater Systems Or Equip.</td>
</tr>
<tr>
<td>#8</td>
<td>1A613</td>
<td>Armored and Protective Equip., Constructions, and Components</td>
</tr>
<tr>
<td>#9</td>
<td>4A994</td>
<td>Items Not Controlled By 4A001/4A002/4A003</td>
</tr>
<tr>
<td>#10</td>
<td>0A614</td>
<td>Military Training Equip.</td>
</tr>
</tbody>
</table>
Analysis of Exports to the United Arab Emirates subject to U.S. Government Filing Requirements

<table>
<thead>
<tr>
<th>Top Ten ECCNs to United Arab Emirates by Shipment Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1 9A610 Military Aircraft and Related Commodities</td>
</tr>
<tr>
<td>#2 5A002 Systems/Equip./Integrated Circuits for Info Sec</td>
</tr>
<tr>
<td>#3 0A606 Ground Vehicles and Related Commodities</td>
</tr>
<tr>
<td>#4 9A619 Military Gas Turbine Engines and Related Commodities</td>
</tr>
<tr>
<td>#5 3A611 Military Electronics</td>
</tr>
<tr>
<td>#6 2B350 Chemical Manufacturing Facilities and Equip.</td>
</tr>
<tr>
<td>#7 1A004 Protective and Detection Equip.</td>
</tr>
<tr>
<td>#8 9B610 Test, Inspection, and Production Equip. and Related Commodities Special...</td>
</tr>
<tr>
<td>#9 9B619 Test, Inspection, and Production Equip. and Related Commodities Special...</td>
</tr>
<tr>
<td>#10 3A231 Neutron Generator Systems Including Tubes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Top Ten ECCNs to United Arab Emirates by Shipment Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1 5A002 Systems/Equip./Integrated Circuits for Info Sec</td>
</tr>
<tr>
<td>#2 9A610 Military Aircraft and Related Commodities</td>
</tr>
<tr>
<td>#3 9A619 Military Gas Turbine Engines and Related Commodities</td>
</tr>
<tr>
<td>#4 N/A ECCN not Reported</td>
</tr>
<tr>
<td>#5 3A611 Military Electronics</td>
</tr>
<tr>
<td>#6 5D002 Software for Information Security</td>
</tr>
<tr>
<td>#7 7A994 Other “Software” as Follows (See List of Items Controlled).</td>
</tr>
<tr>
<td>#8 9A991 Aircraft and Certain Gas Turbine Engines N.E.S.</td>
</tr>
<tr>
<td>#9 EAR99 Items subject to the EAR that are not elsewhere controlled</td>
</tr>
<tr>
<td>#10 7A103 Instrumentation, Navigation Equip./Systems Not</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Top Ten ECCNs to United Arab Emirates by Shipment Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1 9A991 Aircraft and Certain Gas Turbine Engines N.E.S.</td>
</tr>
<tr>
<td>#2 5A992 Information Security Equip.</td>
</tr>
<tr>
<td>#3 7A994 Other “Software” as Follows (See List of Items Controlled).</td>
</tr>
<tr>
<td>#4 5A991 Transmission Items Not W/I Parameters In 5A001</td>
</tr>
<tr>
<td>#5 2B999 Specific Processing Equip., N.E.S.</td>
</tr>
<tr>
<td>#6 1A995 Protective and Detection Equip.</td>
</tr>
<tr>
<td>#7 4A994 Items Not Controlled By 4A001/4A002/4A003</td>
</tr>
<tr>
<td>#8 8A992 Underwater Systems Or Equip.</td>
</tr>
<tr>
<td>#9 3A992 General Purpose Electronic Equip.</td>
</tr>
<tr>
<td>#10 3A999 Specific Processing Equip., N.E.S.</td>
</tr>
</tbody>
</table>

Source: Commerce U.S. Exports Exporter Support System, April 22, 2017
III. BIS Licensing to the United Arab Emirates

In 2016, BIS reviewed 896 export/re-export applications (not including deemed export applications) valued at $2.0 million for UAE, out of a total of 33,195 applications worldwide valued at $235.4 billion.

- Approved applications for UAE totaled 793 (88.5% of the total applications) for $1.9 million, compared to the 28,214 (85.0%) approved applications for all destinations that totaled $210.3 billion.

### Licenses for Tangible Items, Software, & Technology to United Arab Emirates ($millions)

<table>
<thead>
<tr>
<th>Year</th>
<th>Approved</th>
<th>RWA</th>
<th>Denied</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>$336.5</td>
<td>$14.6</td>
<td>$1.1</td>
</tr>
<tr>
<td>2013</td>
<td>$756.0</td>
<td>$18.7</td>
<td>$0.1</td>
</tr>
<tr>
<td>2014</td>
<td>$418.4</td>
<td>$152.5</td>
<td>$0.0</td>
</tr>
<tr>
<td>2015</td>
<td>$1,739.7</td>
<td>$104.6</td>
<td>$5.0</td>
</tr>
<tr>
<td>2016</td>
<td>$1,931.8</td>
<td>$65.8</td>
<td>$5.1</td>
</tr>
</tbody>
</table>

Source: Commerce U.S. Exports Exporter Support System, February 14, 2017

### License Count for Tangible Items, Software, & Technology to United Arab Emirates

<table>
<thead>
<tr>
<th>Year</th>
<th>Denied</th>
<th>RWA</th>
<th>Approved</th>
<th>Average Processing Time (Days)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>3</td>
<td>38</td>
<td>250</td>
<td>28</td>
</tr>
<tr>
<td>2013</td>
<td>2</td>
<td>93</td>
<td>310</td>
<td>26</td>
</tr>
<tr>
<td>2014</td>
<td>2</td>
<td>178</td>
<td>700</td>
<td>22</td>
</tr>
<tr>
<td>2015</td>
<td>1</td>
<td>105</td>
<td>815</td>
<td>21</td>
</tr>
<tr>
<td>2016</td>
<td>4</td>
<td>99</td>
<td>793</td>
<td>20</td>
</tr>
</tbody>
</table>

Source: Commerce U.S. Exports Exporter Support System, February 14, 2017

Note: Figures above do not include deemed export application