Uzbekistan’s Trade Performance

Some Analytical Notes

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   – Openness, growth, composition

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   – Of economy, products & markets

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   – Complexity, EXPY, Revealed Factor Intensity

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1. Orientation
Uzbekistan: Trade Openness

Source: World Development Indicators & UN Comtrade
Note 1: Curve is a quadratic fit of Trade/GDP regressed on the log of GDP per capita and its squared value
Note 2: Dashed vertical lines indicate global median income per capita (in log)
Merchandise Exports Composition

Source: UN Comtrade
Source: UN Comtrade
Note 1: Africa is Sub-Saharan; MENA includes Middle East and North Africa; Europe includes EU-28 as well as members of European Free Trade Assoc. (EFTA); BIC refers to Brazil, India and China; RoW is Rest of the World
Gravity Model of Bilateral Exports

Source: Authors' calculation based on data from CEPII, WDI & UN Comtrade
2. Diversification
Exports and Economic Structure

Source: WDI & UN Comtrade
Source: UN Comtrade
Note 1: Destinations weighted by economic size (current US$)
Note 2: Exports at the SITC 4-digit level, with growth calculated for the averages of 1999 & 2000 and 2013 & 2014
Statistical Note

(1) Trade data are sourced from UN COMTRADE, and are “mirrored” based on partner country records; other data from World Development Indicators, unless stated otherwise.

(2) Both the Harmonized System (HS) and Standard International Trade Classification (SITC) are used. Generally, our approach is to extract data at the most disaggregated level and then concord with other classifications as required.
Source: UN Comtrade
Note 1: Data at the HS 6-digit level for exports valued at least US$1000
Note 2: Orange dots are exports active in 2013-14, but not 15 years earlier
Note 3: Black dots are exports active in 1999-00, but not 15 years later
3. Sophistication
Source: The Observatory of Economic Complexity
Note 1: Index available only until 2014
Export Sophistication

Log of GDP per capita 2012

Export Sophistication
Source: RFI data from UNCTAD
Note 1: Dashed lines on top panel are capital contents of the median export
Note 2: Bold straight lines are estimates of national capital endowments
4. Survival
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<thead>
<tr>
<th>Spell length (Year)</th>
<th>KM Survival Estimate</th>
<th></th>
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<tbody>
<tr>
<td></td>
<td>Mean</td>
<td>Median</td>
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<tr>
<td>Uzbekistan</td>
<td>2.17</td>
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<td>Russia</td>
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<td>Kyrgyz Rep.</td>
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</table>

Source: Survival analysis performed from Comtrade data at SITC 4-digit level
Survival of Uzbek Exports, 1999-2014

Source: Computed from UN Comtrade
Note 1: Left-censored data dropped