



Rialtas na hÉireann
Government of Ireland

Ireland's Economic Footprint in the United States of America

Sources and Methodology

SOURCES AND METHODOLOGY



INDICATOR	SOURCE
Total Inward Investment (Number of projects, CapEx and Jobs Supported)	FDI Markets (Publicly available investments from 2016-2020 – both new investments and reinvested profits from companies with ultimate beneficial owner from source market)
Indirect Jobs	Calculated using sector multipliers from the Economic Policy Institute
Economic Impact NB. Information not displayed on one page infographics	OCO Calculation – <ul style="list-style-type: none"> • Indirect jobs = direct jobs x Multiplier by industry group • Jobs per \$ investment = direct jobs / CapEx • Economic impact = (indirect jobs / Jobs per \$ investment) – CapEx
Number of Companies	D&B Hoovers - based on ultimate beneficial owner location. For individual states, multiple locations within that state have been removed so company presence is equal to 1 company as per the data.
Number of Jobs	D&B Hoovers – based on ultimate beneficial owner location. For individual states with multiple companies within each state, company presence is equal to 1 company but employees from all locations within that state have been counted.
US Goods Exports	USA Trade online (Census Bureau)
US Goods Imports	USA Trade online (Census Bureau)

SOURCES AND METHODOLOGY



INDICATOR	SOURCE
US Services Exports	Trade Map
US State Service Exports	Trade Map and Business Roundtable – Benefits of Trade Calculated by apportioning global state services data based on total % of national services exports
Gross Domestic Product	US Bureau of Economic Analysis
Population	Worldpopulation review
Population with Irish Heritage	US Census Bureau
Visitors by US State to Ireland	Tourism Ireland
US Visitors to Ireland	Tourism Ireland
Ireland Visitors to US States	International Trade Administration
Ireland Visitors to US	International Trade Administration
Number of Irish students in the US	Open Doors Data 2018/19
Number of US Students in Ireland	Department of Education, Ireland
Research Partnerships (Academic & Industry)	Science Foundation Ireland

SOURCES AND METHODOLOGY

OTHER DATA CONSIDERATIONS



Our research includes getting data from external databases which define some of the metrics that we have used. Below are some of the key data considerations that we think would differentiate our outputs from past and existing research:

Datapoint	Our source	Consideration
FDI metrics (projects, CapEx, and new jobs generated)	fDi Markets by Financial Times	fDi Markets collects its information through a combination of looking at publicly available data and information shared by different investment promotion agencies.
Indirect jobs	Economic Policy Institute	<p>Each industry has <i>backward linkages</i> to economic sectors that provide the materials needed for the industry's output, and each industry has <i>forward linkages</i> to the economic sectors where the industry's workers spend their income. Therefore, in addition to the jobs directly supported by an industry, a large number of indirect jobs may also be supported by that industry.</p> <p>For our needs we used the latest set of 'employment multipliers for the U.S. economy' produced by the Economic Policy Institute (a sample of which is given in the table below). This dataset lists 179 industry classifications and provides a multiplier number for both supplier and induced jobs as a result of direct job creation. Supplier jobs are those that are supported downstream (component manufacturing, etc.) and induced jobs are those from upstream (hospitality, retail, etc.). fDi Markets will provide us with a detailed breakdown of direct employment gain from Irish companies in each state (and vice versa) along with their relevant industry type</p>
Number of companies and employee data	D&B Hoovers	<p>We used 2 filters to extract the company data from D&B Hoovers:</p> <p>Ultimate Parent Location: Ireland (for Irish companies established in the US) / US (for US companies established in Ireland)</p> <p>Company Type : Branch OR subsidiary</p> <p>For # of companies calculation, we filtered out unique parent companies as some might have multiple operations in a country. For employees, we considered all operational sites.</p>