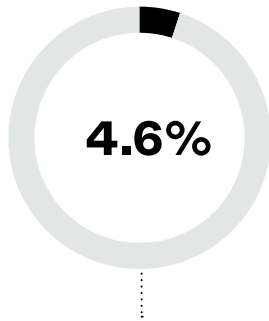




New American Tech Workers in Ohio

The Demographic and Economic Contributions of Immigrants in the State¹

OVERVIEW



Immigrant share of total population in 2019

531,240

Immigrant residents in Ohio in 2019

1,111

Number of foreign-born self-employed STEM workers in Ohio in 2019



Immigrant share of self-employed STEM workers, 2019

10%



Immigrant share of workers with a bachelor's degree in STEM² in Ohio

18%

EMPLOYMENT IN OHIO

91,458

job postings for STEM workers in Ohio

6,608

unemployed STEM workers in Ohio

For every unemployed STEM worker in Ohio, there are

13.8 job postings³

INDUSTRIES

Top 5 tech industries with the highest share of immigrant STEM workers in Ohio:

Computer Systems Design and Related Services	20.7%
Architectural, Engineering, and Related Services	4.7%
Motor Vehicles and Motor Vehicle Equipment Manufacturing	4.7%
Scientific Research and Development Services	3.5%
Management, Scientific, and Technical Consulting Services	2.9%

OCCUPATIONS

Top 5 tech occupations with the highest share of immigrant STEM workers:

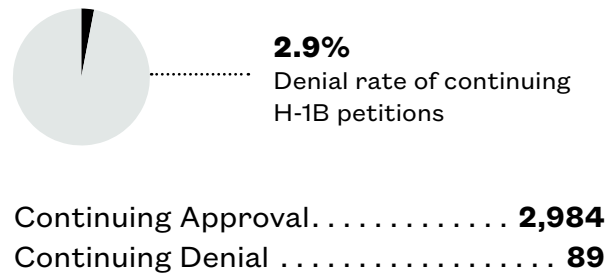
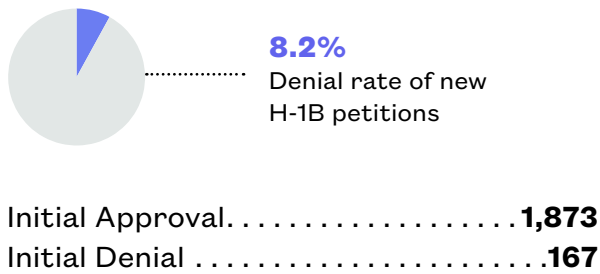
Software Developers	17.8%
Computer Systems Analysts	7.1%
Miscellaneous Computer Occupations	6.9%
Other Engineers	6.6%
Computer Support Specialists	5.7%



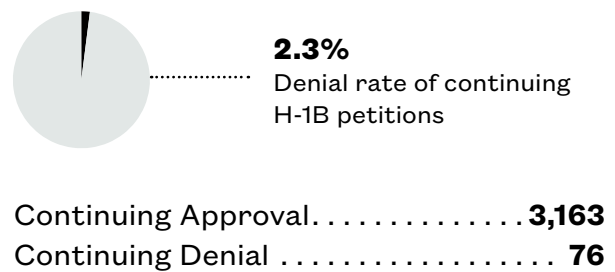
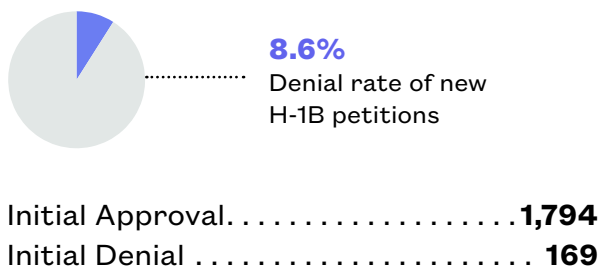
H-1B VISA PETITIONS IN OH⁴

Ohio needs a modernized immigration system responsive to Ohio’s workforce needs. The denial rate for H1-B visas in Ohio has more than doubled from **8.2%** in 2013 to **21.3%** in 2019.

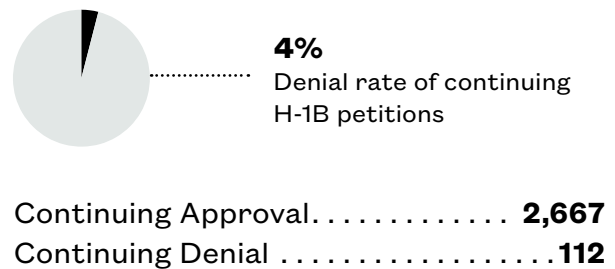
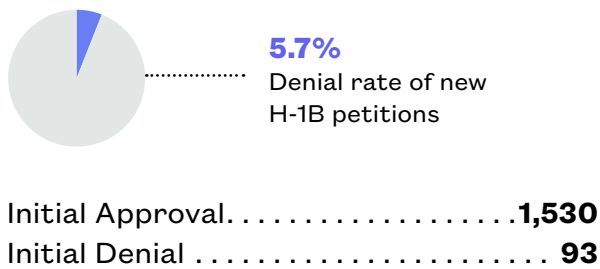
2013



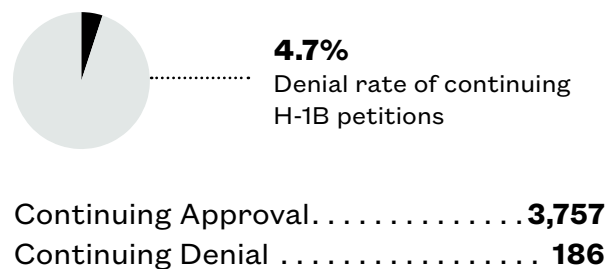
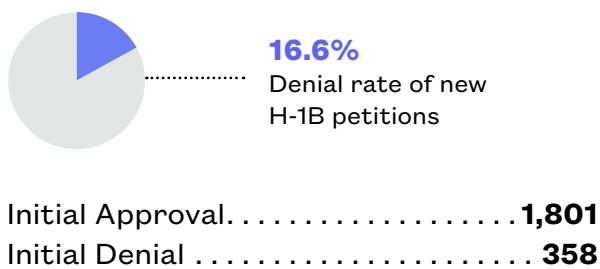
2014



2015

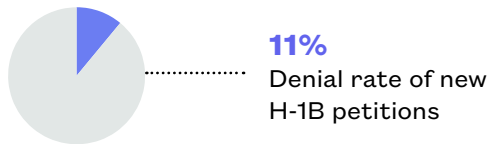


2016

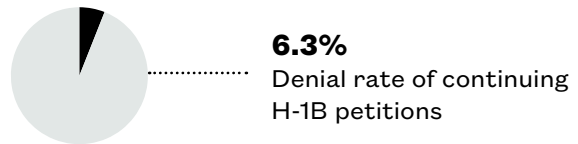


H-1B Visa Petitions in Ohio (continued)

2017

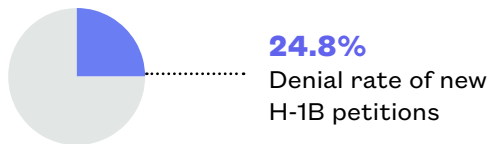


Initial Approval..... **1,443**
Initial Denial **179**

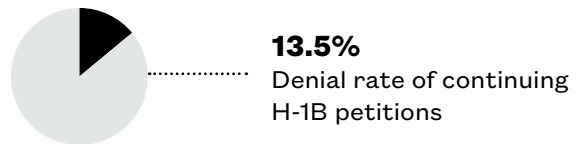


Continuing Approval..... **4,081**
Continuing Denial **276**

2018

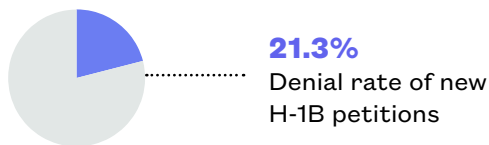


Initial Approval..... **1,295**
Initial Denial **427**

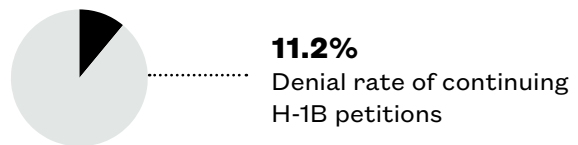


Continuing Approval..... **3,585**
Continuing Denial **559**

2019

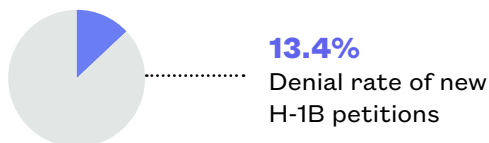


Initial Approval..... **1,808**
Initial Denial **490**

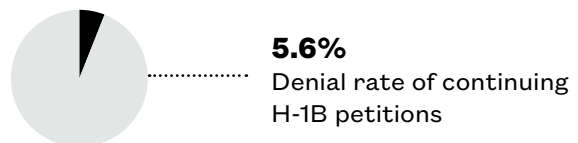


Continuing Approval..... **4,239**
Continuing Denial **537**

2020



Initial Approval..... **1,523**
Initial Denial **236**



Continuing Approval..... **4,484**
Continuing Denial **268**

1. Unless otherwise specified, data comes from 5-year samples of the American Community Survey from 2014 and 2019 and figures refer to Ohio.
 2. STEM refers to occupations that require background or expertise in Science, Technology, Engineering, and/or Math.
 3. Data of job postings comes from Burning Glass Technologies.
 4. Data of H-1B visa petitions comes from H-1B Employer Data Hub from the U.S. Citizenship and Immigration Services.