



USING TABLEAU TO VISUALIZE LABOUR MARKET DATA

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WHAT DROVE US INTO USING IT?

- THE NEED TO CREATE INTERACTIVE AND ENGAGING LMI (VISUALIZE AND SHARE)
- SEEING WORK DONE BY OTHERS IN THE COMMUNITY
 - I.E. ELGIN ST. THOMAS DATA TABLE
 - PUBLIC HEALTH ONTARIO (ELGIN-OXFORD HEALTH UNIT)
- MANAGEMENT AND COST OF WEB DEVELOPMENT THROUGH THE CURRENT SITE DEVELOPER
 - WORKTRENDS.CA

TABLEAU

- EXCEL, MINI TAB, SPSS, SAS, JMP, R, STATISTICA, STATA, ...ETC. WHY TABLEAU?
- “TABLEAU IS BUSINESS INTELLIGENCE SOFTWARE THAT HELPS PEOPLE SEE AND UNDERSTAND THEIR DATA” – QUOTE FROM TABLEAU’S SITE
 - [PROMO VIDEO](#)
- A SOFTWARE DESIGNED TO VISUALIZE THE DATA
 - ADDITIONALLY, IT OFFERS POWERFUL ANALYTICAL AND MAPPING FEATURES,
 - PROMOTED MOSTLY FOR ITS CAPABILITIES TO CREATE INTERACTIVE VISUALS
- VERSIONS:
 - DESKTOP PROFESSIONAL ([TECH SOUP CANADA](#)) – AFFORDABLE FOR NONPROFITS
 - [SERVER](#) – EXPENSIVE (EMBEDDED ANALYTICS, SECURITY, COLLABORATION, & RELIABILITY)
 - [TABLEAU PUBLIC](#) – FREE
 - ONLINE, PREP, CRM AND OTHER ADDITIONS MORE RECENTLY

ELGIN MIDDLESEX OXFORD WORKFORCE PLANNING & DEVELOPMENT BOARD - TABLEAU VISUALS

- ON [WORKTRENDS.CA](https://www.worktrends.ca)
 - [BUSINESS COUNTS IN THE LONDON ECONOMIC REGION](#)
 - [EMPLOYMENT ONTARIO \(EO\) PROGRAMS' RESULTS](#)
 - [EMPLOYER ONE SURVEY: 2019, 2017](#)
 - I.E. 2017 [HIRING 1](#), 2017 [QUITS](#), ...
 - [LABOUR FORCE CHARACTERISTICS IN THE LONDON ECONOMIC REGION](#), ETC.
- LEARNING CURVE
 - WE ENCOUNTERED SOME DIFFICULTIES WHEN EMBEDDED THE WORK ON THE WEBSITE
 - TABLEAU SERVER PROVIDES MORE FEATURES FOR EMBEDDING YOUR “VIZZES” INTO YOUR WEBSITES
 - (“VIZ” IS AN ACRONYM FOR VISUALIZATION USED BY TABLEAU)



worktrends.ca

Français

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Work trends and labour market information for

- Job Seekers
- Employers/HR Professionals
- Educators/Career Counsellors
- Students

Information on the labour market, jobs, training, and education.

St. Thomas, London, Woodstock and surrounding counties.

local surveys

Local information on:

- EmployerOne Survey,
- job fairs

growth opportunities

Information about:

- work trends,

business data

Find out more regarding:

- grants and funding opportunities,

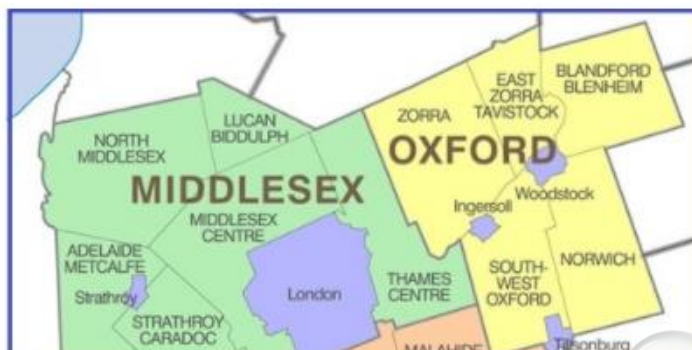
Business Counts in the London Economic Region

Tableau Data Visualizations of Business Counts in the London Economic Region

Business counts in the London Economic Region

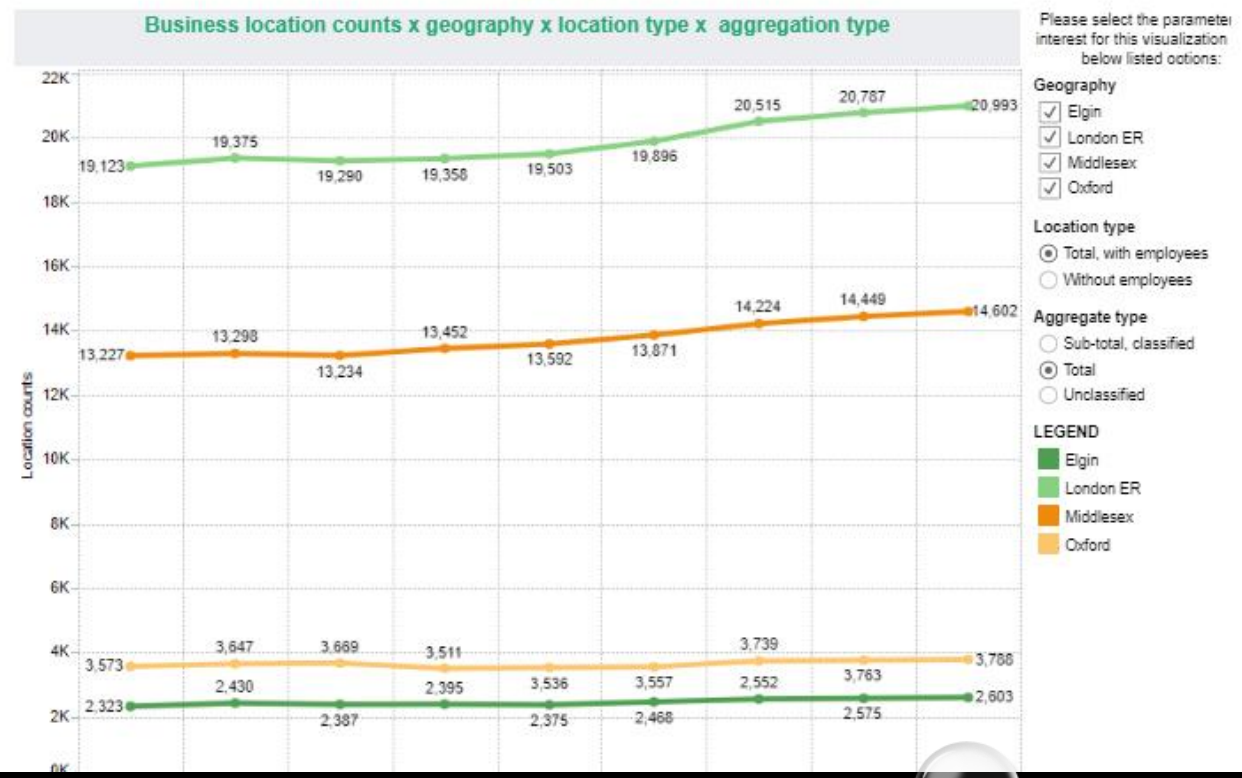
Introduction	Aggregate counts (geo x location type x aggregation type)	Aggregate counts (geo x location type x industry (2-digit NAICS))	Business counts (geo x business size v.1 x industry (2-digit NAICS))	Business counts (geo x business size v.2 x industry (2-digit NAICS))	Goods prod sector busin counts (geo business siz x industry (digit NAICS))
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Introduction



Business counts in the London Economic Region

Introduction	Aggregate counts (geo x location type x aggregation type)	Aggregate counts (geo x location type x industry (2-digit NAICS))	Business counts (geo x business size v.1 x industry (2-digit NAICS))	Business counts (geo x business size v.2 x industry (2-digit NAICS))	Goods prod sector business counts (geo x business size v.1 x industry (2-digit NAICS))
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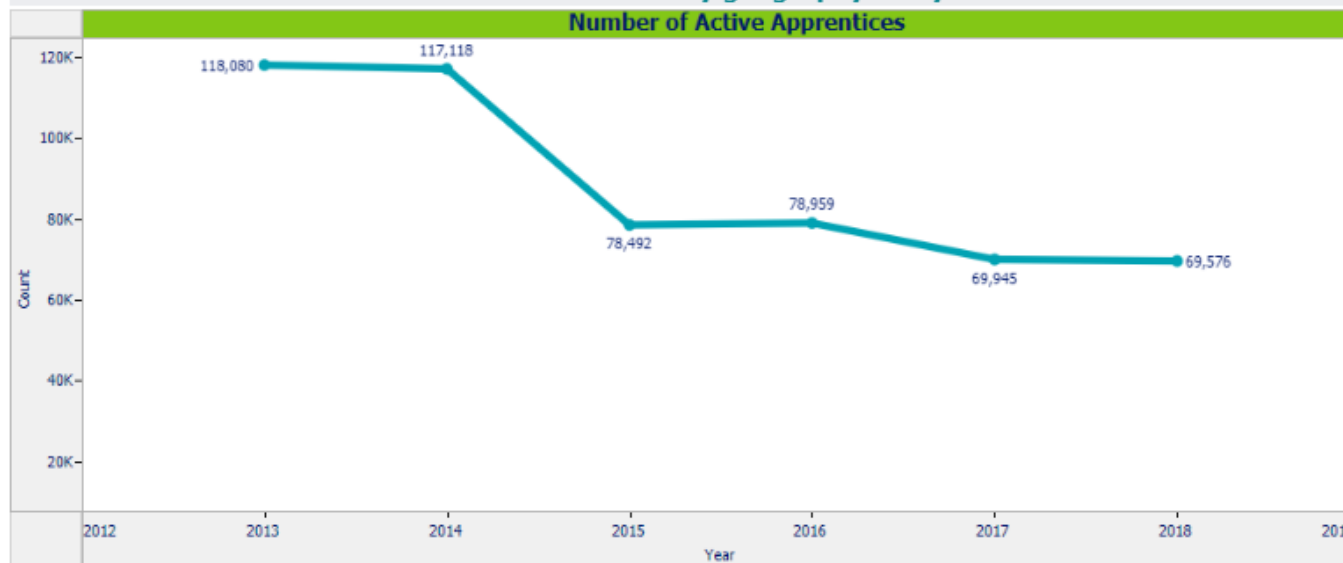
Apprenticeship Program

Visualization of the Employment Ontario (EO) Data

- Introduction
- New registrations and other characteristics**
- Gender
- Age
- Designated groups
- Education
- Top regis

Client characteristic by geography and year

Number of Active Apprentices



Please select the characteristics of interest for the graph above from the side options:

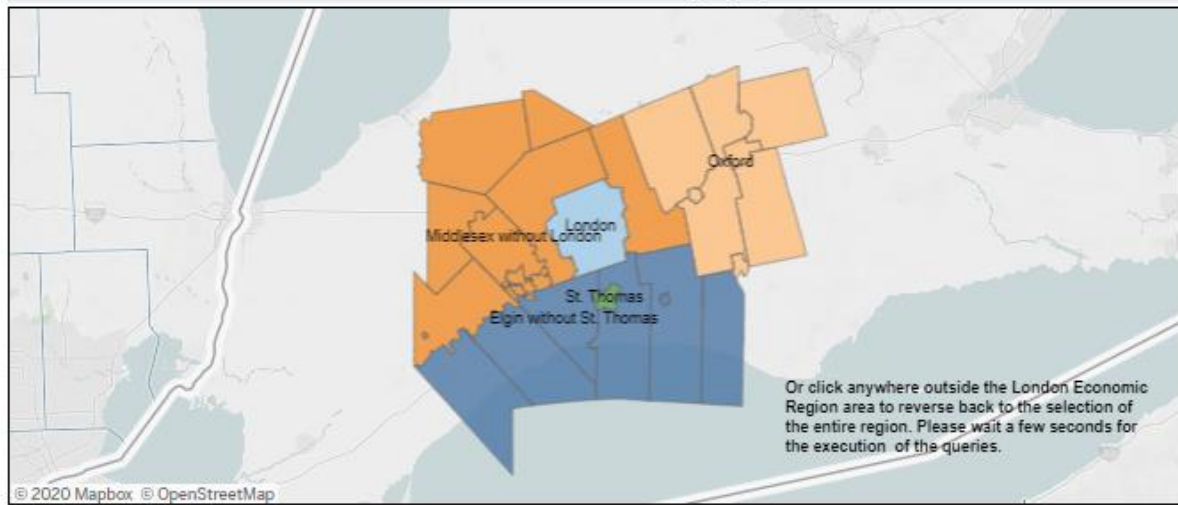
Client characteristic: Number of Active Apprentices
Geography: Ontario

Notes: The years presented in the graph above refer to fiscal years, which start in April and end the following year in March. E.g. 2018 covers 2017/2018 and so on.

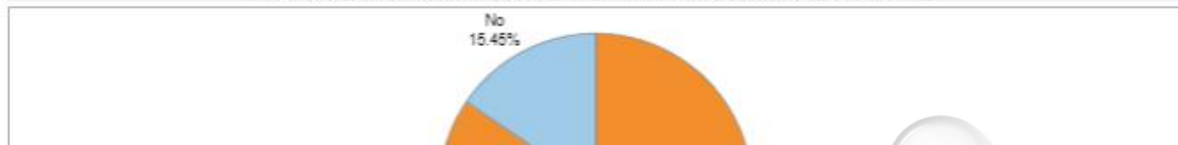
Employer ONE Survey - 2019

- Introduction
- Demographics
- Main Sector
- Current workforce
- Hired last year**
- Hard

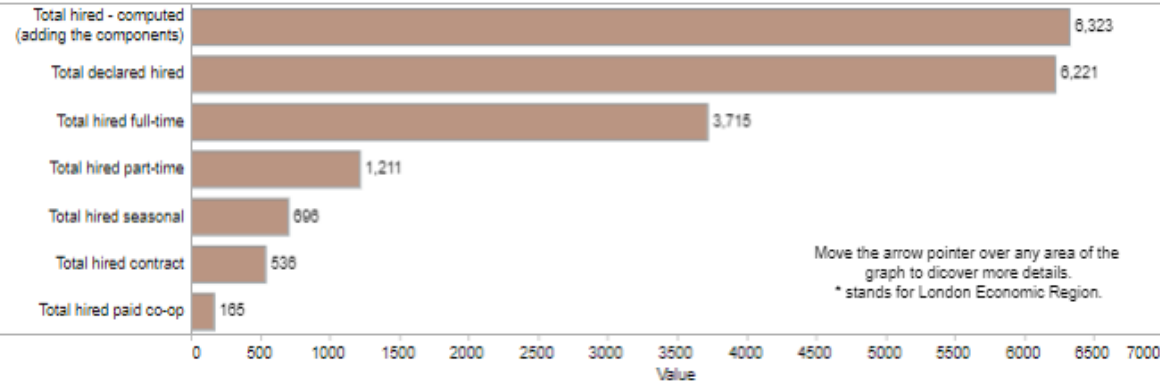
London Economic Region Map
Select one of the color marked geographies



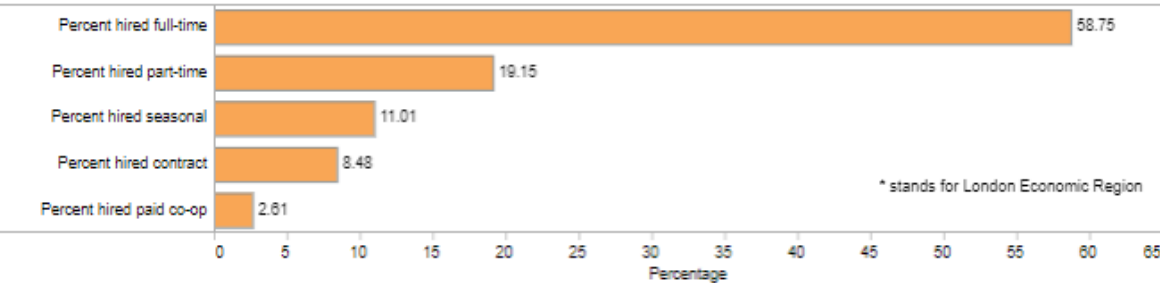
Did your organization hire any employees over the last 12 months?



If your organization hired in the last 12 months, how many were in the following categories?
(counts)



If your organization hired in the last 12 months, how many were in the following categories?
(percentage)



The number of people hired in the last 12 months by occupational category:
(counts)

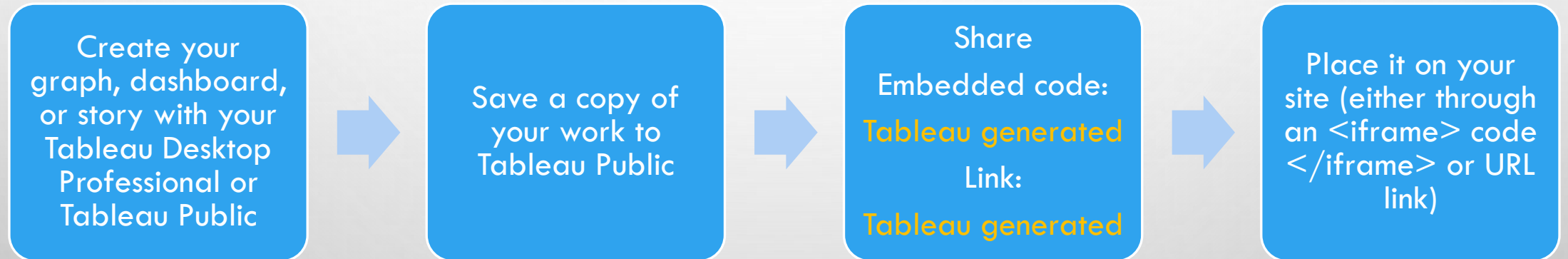


Labour Market Facts for the London Economic Region - Interactive Tool

Interactive visual of the labour force characteristics in the London Economic Region



TABLEAU PUBLIC PROCESS



CLICK ON SHARE BUTTON


Share ✕

Embed Code

```
<div class='tableauPlaceholder' id='viz
```

Link

```
https://public.tableau.com/views/App
```

POSSIBILITIES

- DEMONSTRATION OF MORE REFINED DESIGN OF THE TABLEAU VISUALIZATIONS:
 - [PUBLIC HEALTH ONTARIO: DATA & ANALYTICS:](#)
 - [SNAPSHOTS](#)
 - [REPORTABLE BURDENSOME INFECTIOUS DISEASE INCIDENCE SNAPSHOT](#)
 - [ORAL HEALTH - PHU \(2005 TO 2013-14\)](#)
 - [ELGIN ST. THOMAS SELFIE](#)
 - [ELGIN ST. THOMAS SELFIE – TABLEAU PUBLIC](#)
 - [CONFERENCE BOARD OF CANADA](#)
 - [CITY OF EDMONTON](#)
 - MCCLEAN
 - [CANADA'S RICHES CITIES](#)
 - RADIO – CANADA
 - [LANGUAGES SPOKEN IN CANADA](#)
 - [TABLEAU PUBLIC GALLERY](#)

SOME ADVANTAGES USING TABLEAU

YOU CAN:

- MERGE DATA FROM VARIOUS SOURCES AND WITH VARIOUS FORMATS (EXCEL, TEXT, ACCESS, JSON, STATISTICAL FILE, ..., TABLEAU SERVER, MICROSOFT SQL SERVER, MYSQL, ORACLE, AMAZON REDSHIFT, ...)
- UPDATE INSTANTANEOUSLY (ON TIME) YOUR CHARTS AS DATA IS CHANGED (IF SET FOR THIS OPTION)
- RELATIVELY EASY TO EMBED YOUR VISUALIZATIONS INTO YOUR WEBSITE
- CREATE INTERACTIVE AND ENGAGING CONTACT WITH THE DATA
- ONE SHOP POINT – ANALYTICS, MAPS, INTERACTIVE EFFECTS, AND INTEGRATION INTO YOUR SITE
 - TABLEAU IS PORTABLE IF NEEDED TO PRESENT SOMETHING NOT PUBLISHED ON A SITE YET

TRAINING

- TABLEAU TRAINING ([IN PERSON CLASSES](#), [VIRTUAL CLASSES](#), [E-LEARNING](#), [ON-SITE TRAINING](#))
- [TABLEAU COMMUNITY FORUMS](#)
- [TABLEAU ONLINE HELP](#) (F1)
- MANUALS AND BOOKS
 - TABLEAU DESKTOP. A PRACTICAL GUIDE FOR BUSINESS USERS BY JANE CROFTS (2015) – INTRO
 - TABLEAU 10 BUSINESS INTELLIGENCE COOKBOOK BY DONABEL SANTOS (2016) – INTERMEDIATE
 - TABLEAU YOUR DATA! VISUAL ANALYSIS WITH TABLEAU SOFTWARE BY DANIEL MURRAY (2017) – ADVANCED
 - ... ETC.
- [LYNDA.COM](#) OR [LINKEDIN LEARNING](#)

CONCERNS WITH TABLEAU PUBLIC – DATA SECURITY

The screenshot shows the Tableau Public interface for editing a visualization titled "ApprenticeshipProgram_EO". A "Download" modal window is open, allowing the user to select a file format. The modal options are: Image, Data, Crosstab, PDF, Tableau Workbook, Get the App, and Cancel. The background interface includes a navigation bar with "GALLERY", "AUTHORS", "BLOG", "RESOURCES", and "ACTIVITY" (with a notification badge of 8). The main content area has fields for Title, Permalink, Inspiration, and Description, along with "Toolbar Settings" and "Other Settings" sections. At the bottom of the main content area are "Cancel" and "Save" buttons.

ApprenticeshipProgram_EO - EM x +

https://public.tableau.com/profile/emo.workforce.planning.and.development.board#/vizhome/ApprenticeshipProgram_EO/Story1?publish=yes

Apps Suggested Sites Imported From IE Social Media Examine SkillPages Council of Ontario U MyGradSkills.ca Knighthunter.com - L Jobs in London, ON | Other bookmarks

+tableau+public GALLERY AUTHORS BLOG RESOURCES ACTIVITY 8

Title ApprenticeshipProgram_EO
Make sure your viz has a good title so people don't pass it by when they're browsing Tableau Public.

Permalink Add URL
Plan on embedding your viz? This is an excellent way to drive traffic to your site.

Inspiration Add URL to a Tableau Public viz or author profile
Did you leverage the community for your creation? Don't forget to give a shout out to those who helped!

Description ApprenticeshipProgram_EO
A great description can really improve your search results ranking.

Toolbar Settings Show view controls *Undo, Redo, Revert*
 Show author profile link
 Allow workbook and its data to be downloaded by others

Other Settings Show workbook sheets as tabs

Download

Select your file format.

Image

Data

Crosstab

PDF

Tableau Workbook

Get the App

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QUESTIONS

