

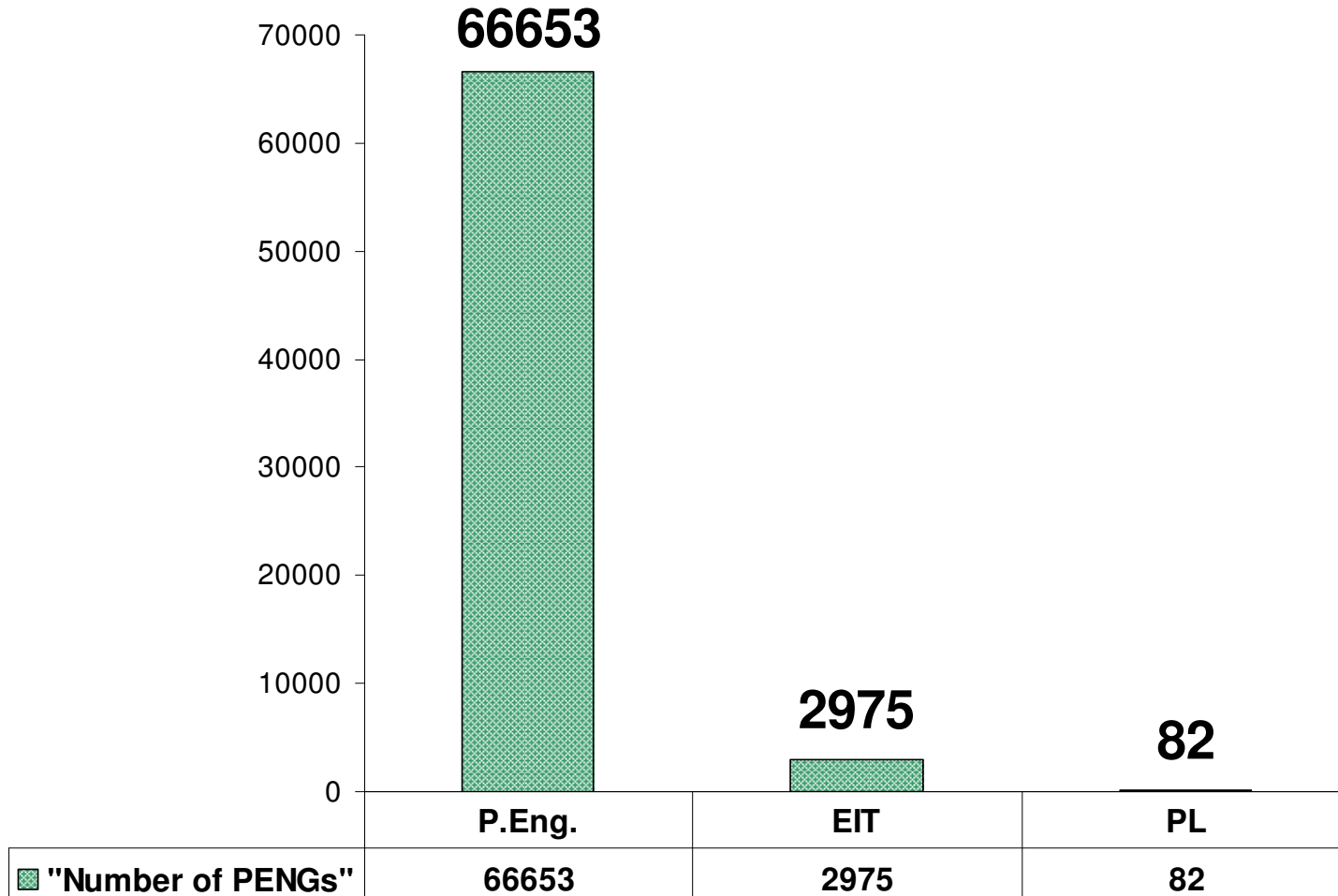


ANALYSIS OF PROFESSIONAL ENGINEERING OPPORTUNITIES IN ONTARIO

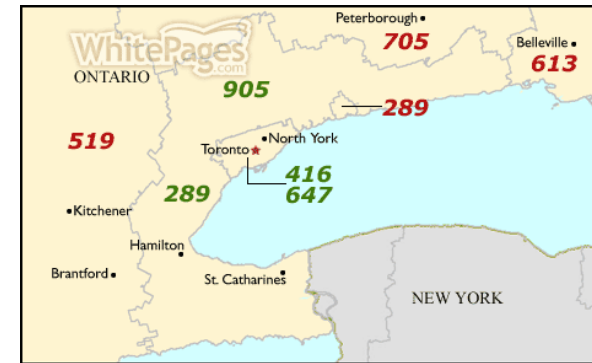
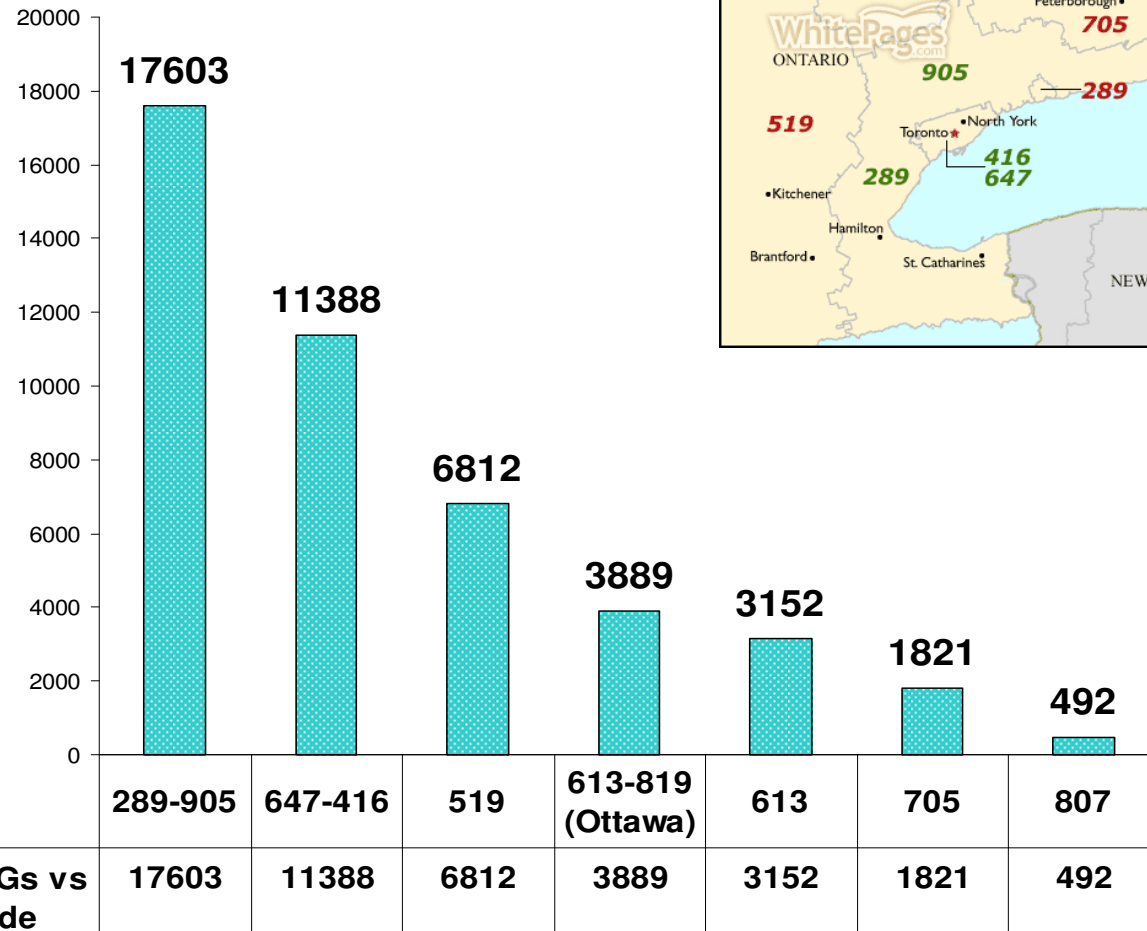
**The Council for Access to the
Profession of Engineering
(CAPE)**

June 2005

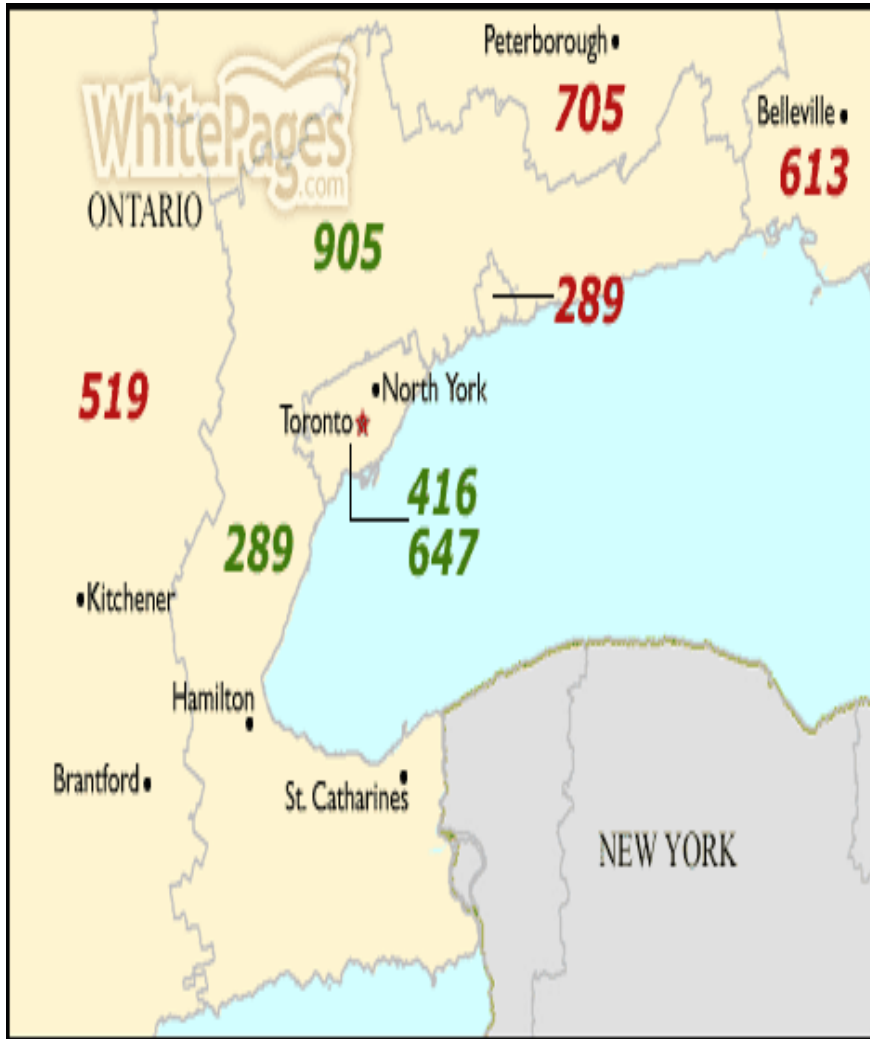
How many Professional engineers are there in Ontario?



Where are the Engineers within Ontario located?



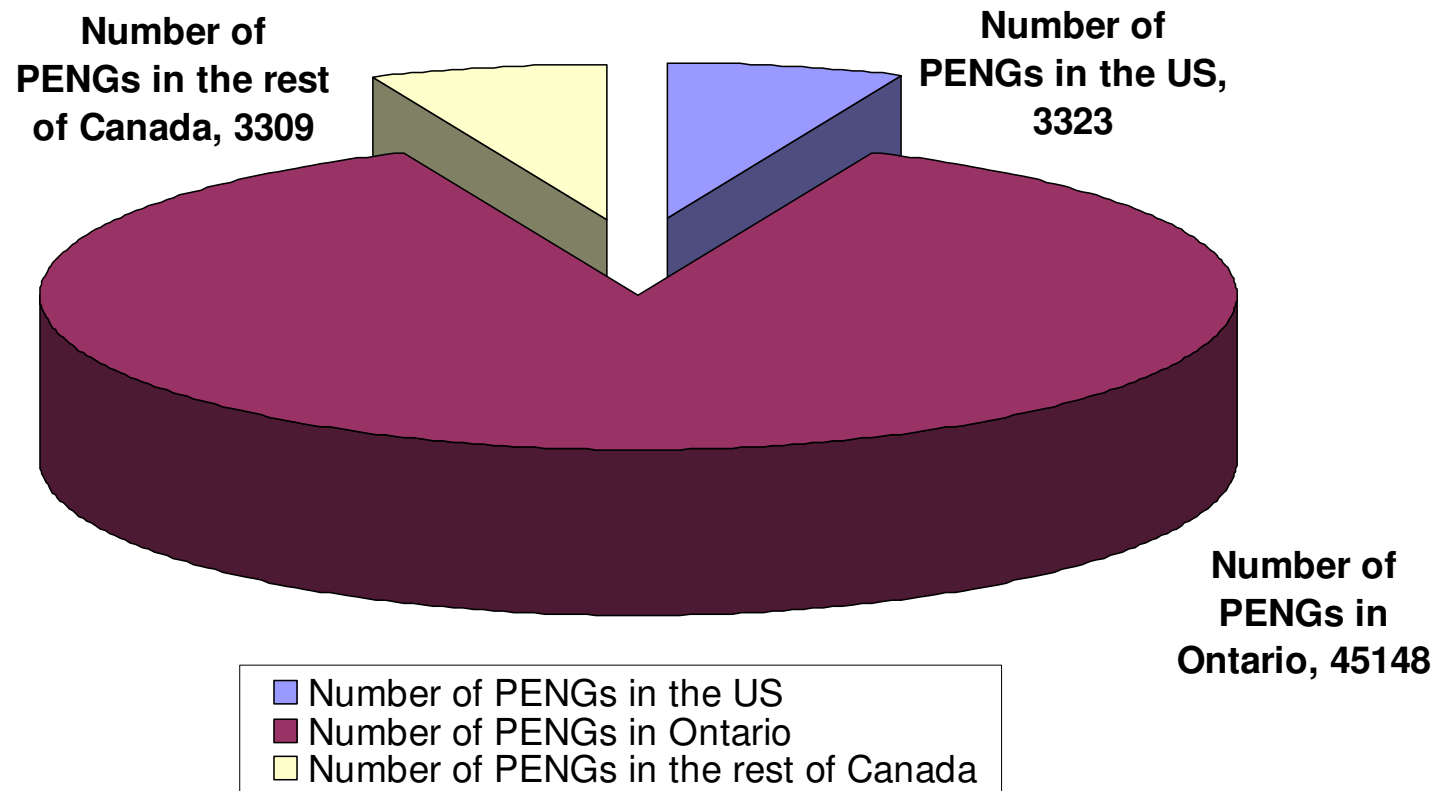
Number of P.ENGs vs Ontario Area Code	17603	11388	6812	3889	3152	1821	492
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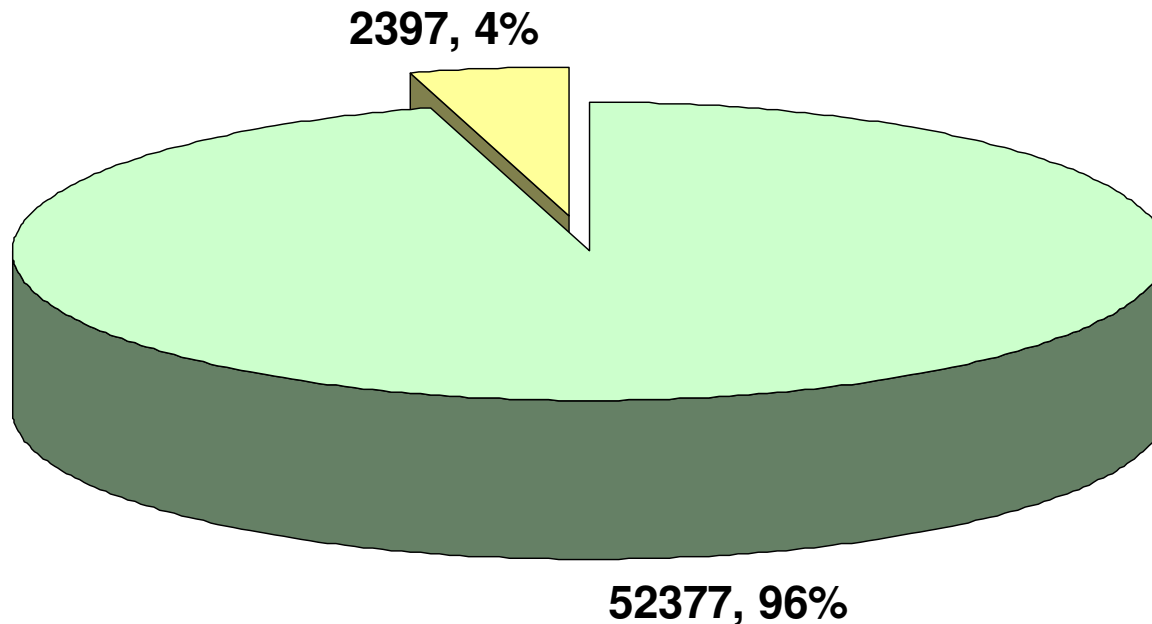
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The distribution of the Ontario Professional Engineers in **North America**

- **Within Ontario, the rest of Canada, and the US**

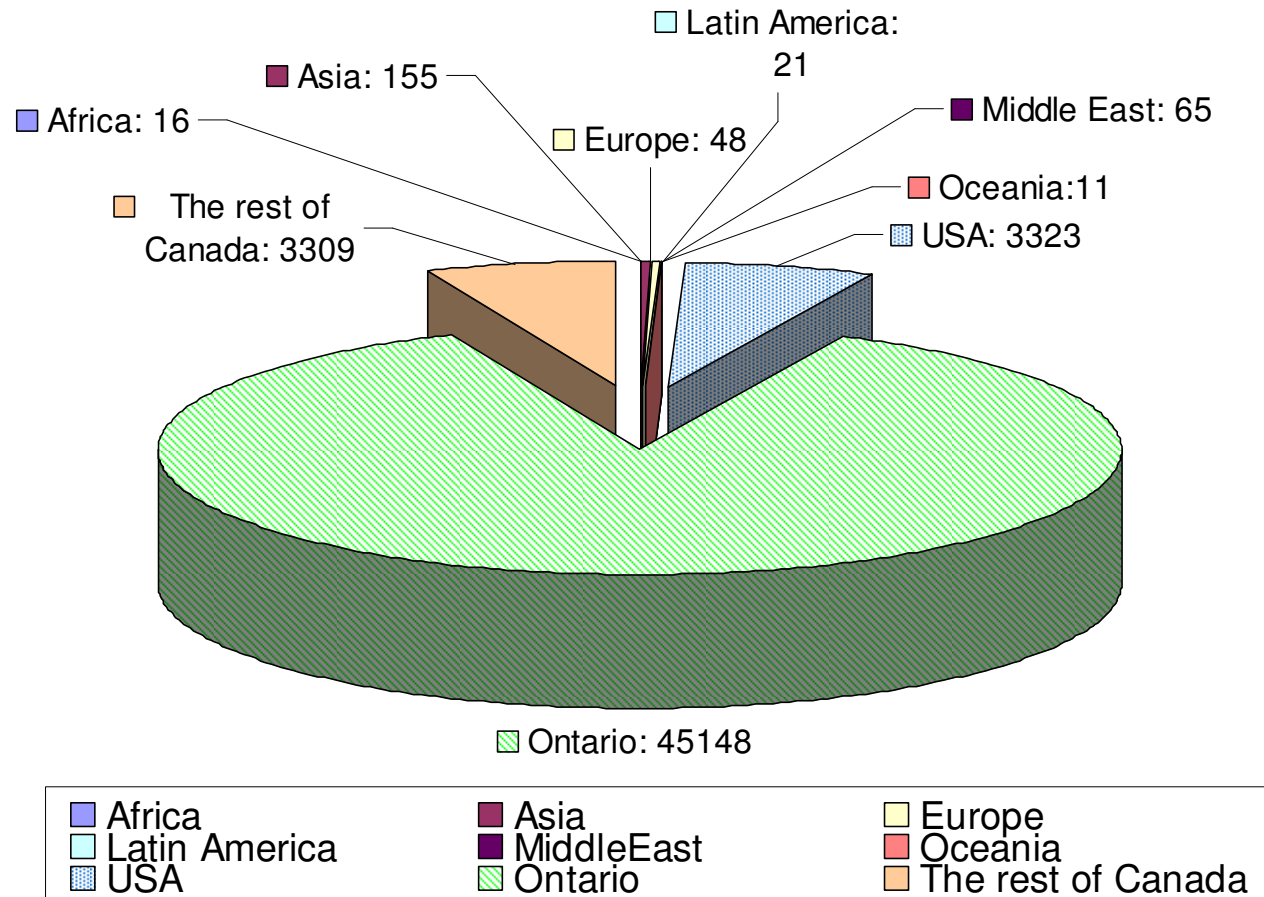


The distribution of the Ontario Professional Engineers outside **North America**



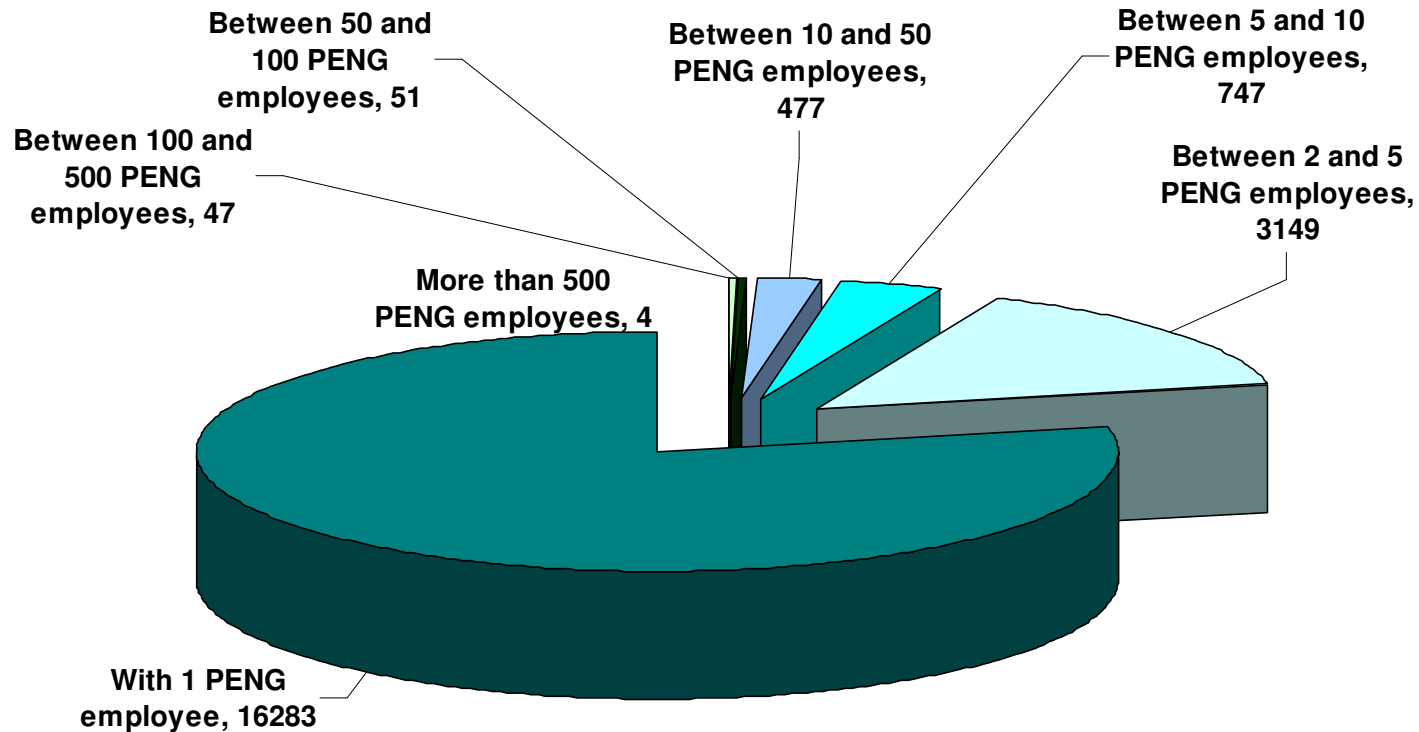
- TOTAL PEO members in the US & Canada
- TOTAL PEO members out of the US & Canada

Comparative distribution by region of Ontario Professional engineers



How many Professional engineers do companies employ?

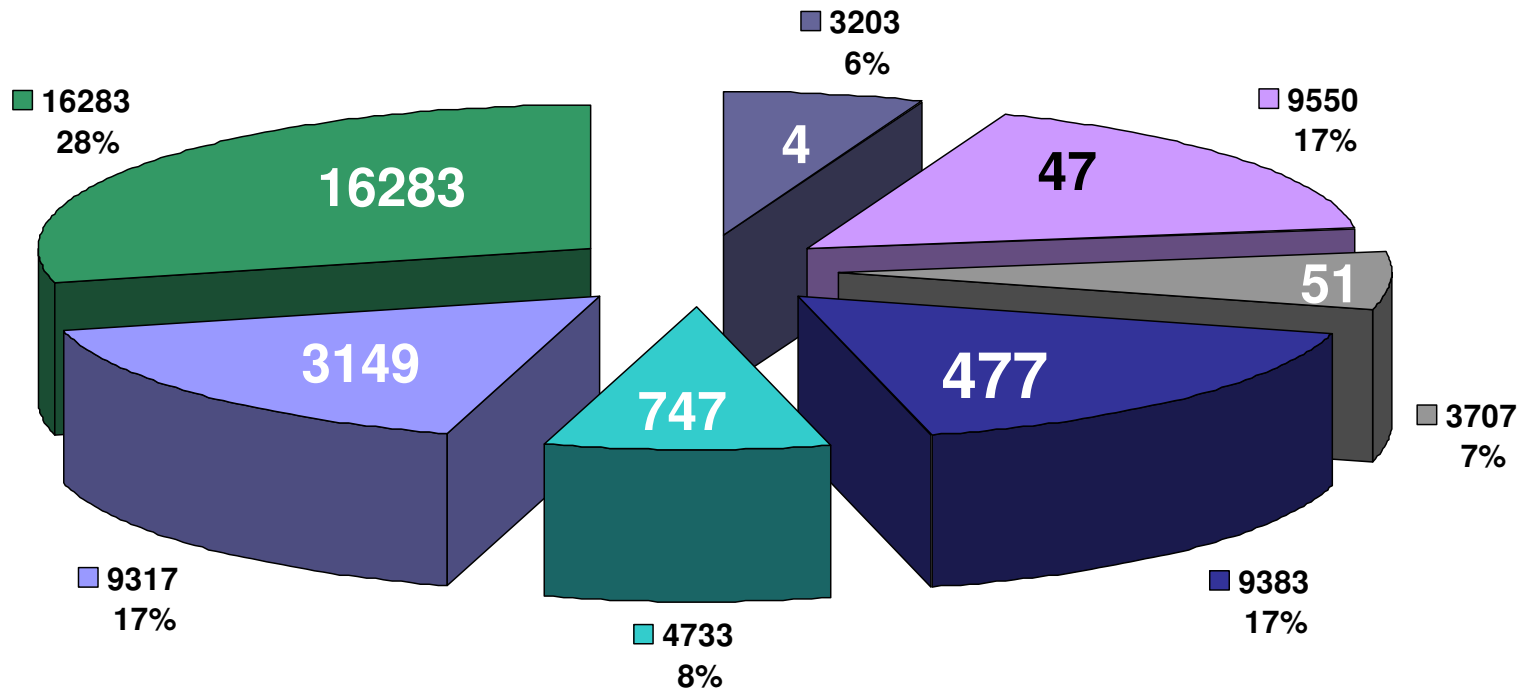
Number of companies vs. Number of Professional engineers



- More than 500 PENG employees
- Between 50 and 100 PENG employees
- Between 5 and 10 PENG employees
- With 1 PENG employee
- Between 100 and 500 PENG employees
- Between 10 and 50 PENG employees
- Between 2 and 5 PENG employees

How many Professional engineers can companies accommodate?

Number of Professional engineers vs. the size of companies



- More than 500 PENG employees
- Between 100 and 500 PENG employees
- Between 50 and 100 PENG employees
- Between 10 and 50 PENG employees
- Between 5 and 10 PENG employees
- Between 2 and 5 PENG employees
- With 1 PENG employee

How many Companies with just **one** PENG employee are located in the Greater Toronto Area?

Area Code	Number of companies
289 - 905	4847
647- 416	3174
Total	8021

Note: 8021 companies out of 16283 companies with just one PENG employee are located in the GTA

The top companies employing professional engineers

- Companies with more than 500 PENG employees

Top 10 companies with:

- Between 100 and 500 PENG employees
- Between 50 and 100 PENG employees
- Between 10 and 50 PENG employees
- Between 5 and 10 PENG employees

The top companies

- Companies with more than 500 professional engineers (Total number: 4 companies)

Business Name	Number of PENG employees
Ontario Power Generation Inc.	1571
Nortel	576
Atomic Energy of Canada Limited	552
General Motors	549

The top companies

- Top 10 companies with between 100 and 500 professional engineers (Total number: 47 companies)

Business Name	Number of PENG employees
Ministry of Transportation	392
SNC Lavalin	355
Bell Canada	340
Celestica Inc.	329
Siemens	325

The top companies

- (continue) >> Top 10 companies with between 100 and 500 professional engineers

Business Name	Number of PENG employees
Honeywell	323
Bombardier	315
Hydro One	314
National Defence	294
Imperial Oil Ltd.	291

The top companies

- Top 10 companies with between 50 and 100 professional engineers (Total number: 51 companies)

Business Name	Number of PENG employees
Totten Sims Hubicki Associates	99
Toronto Hydro	94
Rogers	93
3M Canada Company	93
Enbridge Inc.	92

The top companies

- (continue) >> Top 10 companies with between 50 and 100 professional engineers

Business Name	Number of PENG employees
Mccormick Rankin Corporation	92
Carleton University	92
Golder Associates Ltd	91
Stone & Webster Canada	88
Babcock & Wilcox	88

The top companies

- Top 10 companies with between 10 and 50 professional engineers (Total number: 477 companies)

Business Name	Number of PENG employees
Xerox Canada Inc.	49
Trow Consulting Engineers Ltd	49
University of Guelph	48
Deloitte & Touche	47
Kinectrics Inc	47

The top companies

- (continue) >> Top 10 companies with between 10 and 50 professional engineers

Business Name	Number of PENG employees
University of Windsor	47
EDS Canada	47
URS Canada Inc.	47
Toyota Motor Manufacturing Canada Inc.	47
Praxair	46

The top companies

- Top 10 companies with between 5 and 10 professional engineers (Total number: 747 companies)

Business Name	Number of PENG employees
Outokumpu Technology Ltd.	9
Spectrum Consulting Inc.	9
Group Eight Engineering Limited	9
George Kelk Corporation	9
Labatt Brewing Co. Ltd.	9

The top companies

- (continue) >> Top 10 companies with between 5 and 10 professional engineers

Business Name	Number of PENG employees
Orlando Corporation	9
Otis Canada Inc.	9
Canadian Broadcasting Corp.	9
Chorley & Bisset Ltd.	9
Bodycote Materials Testing Canada Inc.	9