

# THE STATE OF CYBERSECURITY



STEVE LINTHICUM, JD, CISSP  
DEPUTY SECTOR NAVIGATOR (ICT/DM)  
ORANGE COUNTY REGION



# BEST SHOWN BY WAY OF EXAMPLE

- A GOOD EXAMPLE - [HTTPS://MYGCC.GLENDALE.EDU/PSMYGCC/LOGIN.ASP](https://mygcc.glendale.edu/psmygcc/login.asp)
  - A NOT-SO-GOOD EXAMPLE - [HTTPS://SERVICES.LACCD.EDU/DISTRICTSITE/SIS LOGON.ASP](https://services.laccd.edu/districtsite/sis_logon.asp)
  - TOOL - [HTTPS://WWW.SSLLABS.COM/SSLTEST/](https://www.ssllabs.com/ssltest/)
  - ACCESS TO VIDEO PRESENTATION - [HTTP://BIT.LY/LAOCRC-CYBERVIDEO](http://bit.ly/laocrc-cybervideo)
- 

# WORKFORCE SHORTAGE

[WWW.CYBERSEEK.ORG](http://WWW.CYBERSEEK.ORG)



[About](#) [Interactive map](#)

## Cybersecurity Supply/Demand Heat Map

Cybersecurity talent gaps exist across the country. Closing these gaps requires detailed knowledge of the cybersecurity workforce in your region. This interactive heat map provides a granular snapshot of demand and supply data for cybersecurity jobs at the state and metro area levels, and can be used to grasp the challenges and opportunities facing your local cybersecurity workforce.

[Share](#)

States Metro

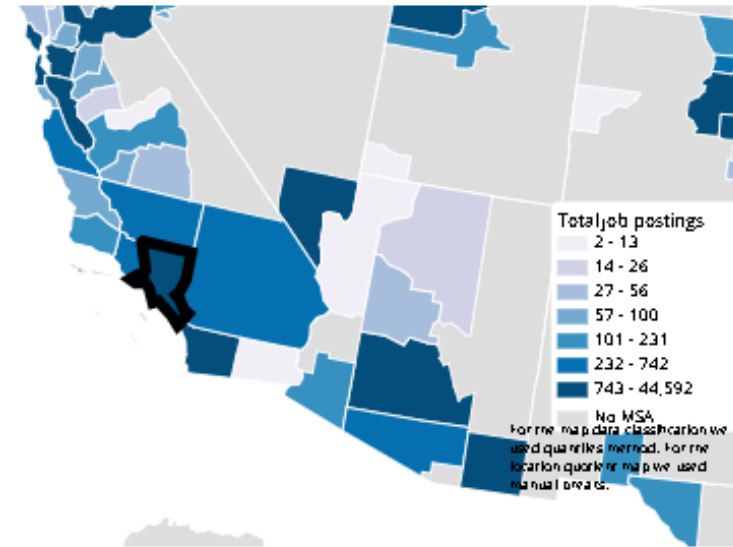
Total job openings

Search Metro Area

Filter Metro Area by population

Small  
Medium  
Large  
All

- Zoom out



## Los Angeles-Long Beach-Anaheim, CA

### TOTAL CYBERSECURITY JOB OPENINGS

10,759

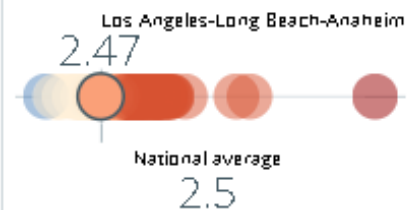
### TOTAL EMPLOYED CYBERSECURITY WORKFORCE

26,558

### SUPPLY OF CYBERSECURITY WORKERS

Very Low

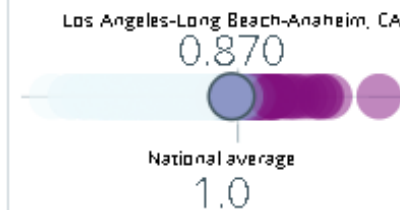
CYBERSECURITY WORKFORCE SUPPLY/DEMAND RATIO



### GEOGRAPHIC CONCENTRATION

Average

LOCATION QUOTIENT



### TOP CYBERSECURITY JOB TITLES

- Cyber Security Engineer
- Network Engineer / Architect
- Cyber Security Analyst
- Cyber Security Manager / Administrator
- Software Developer / Engineer
- Systems Engineer
- Systems Administrator
- Vulnerability Analyst / Penetration Tester
- Internal Auditor

# WHERE WE ARE

[HTTPS://WWW.IDENTITYFORCE.COM/BLOG/2017-DATA-BREACHES](https://www.identityforce.com/blog/2017-data-breaches)



[SUPPORT](#)

[RESOURCES](#)

[GET PROTECTED NOW](#)

[SECURE LOGIN](#)

[WHY IDENTITYFORCE](#)

[PERSONAL](#)

[BUSINESS](#)

[NEWS & EVENTS](#)

[PRODUCTS & PRICING](#)

[ABOUT US](#)

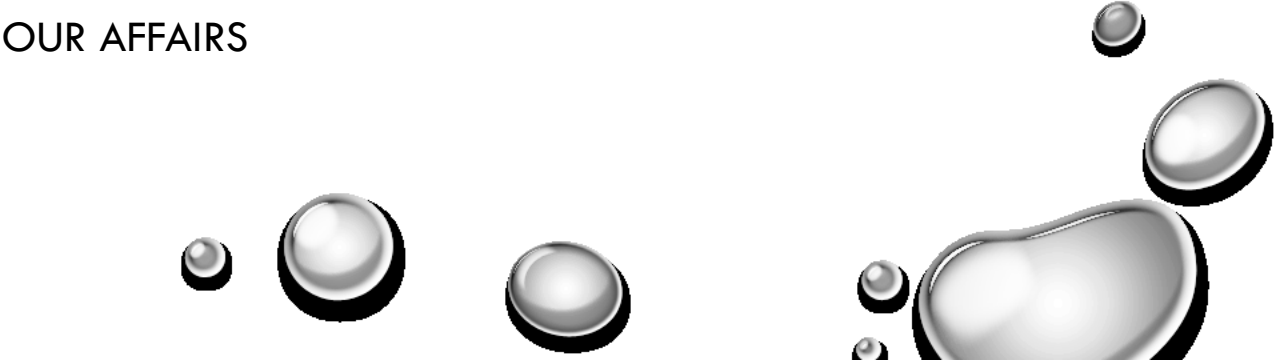


## 2017 Data Breaches – The Worst So Far





# HOW WE NEED TO RESPOND

- STRENGTHEN PATHWAY PIPELINE – CYBERPATRIOT ([WWW.USCYBERPATRIOT.ORG](http://WWW.USCYBERPATRIOT.ORG)) AND CYBERHUB ([WWW.CA-CYBERHUB.ORG](http://WWW.CA-CYBERHUB.ORG))
  - DEDICATE RESOURCES TO CYBERSECURITY (PROGRAM CREATION AND EXPANSION)
  - SUPPORT CURRICULUM ALIGNMENT (C-ID IT IS MODEL CURRICULUM FOR ALL PARTICIPATING COLLEGES)
  - DEAL WITH THE LACK OF CYBERSECURITY TRANSFER INSTITUTIONS
  - ADEQUATELY MARKET CYBERSECURITY AS AN EMERGING FIELD
  - INCREASE THE NUMBER OF NSA/DHS CENTERS OF ACADEMIC EXCELLENCE IN CYBER DEFENSE – 2 YEAR (CAE2Y) TO MORE THAN JUST COASTLINE COMMUNITY COLLEGE
  - ADOPT BEST CYBERSECURITY DEFENSIVE PRACTICES IN ALL OF OUR AFFAIRS
- 



# QUESTIONS

- ANSWERS:
  - ACCESS TO POWERPOINT SLIDES: [HTTP://BIT.LY/LAOCRC-CYBER](http://bit.ly/LAOCRC-CYBER)
- 