

# The Houston Job Market

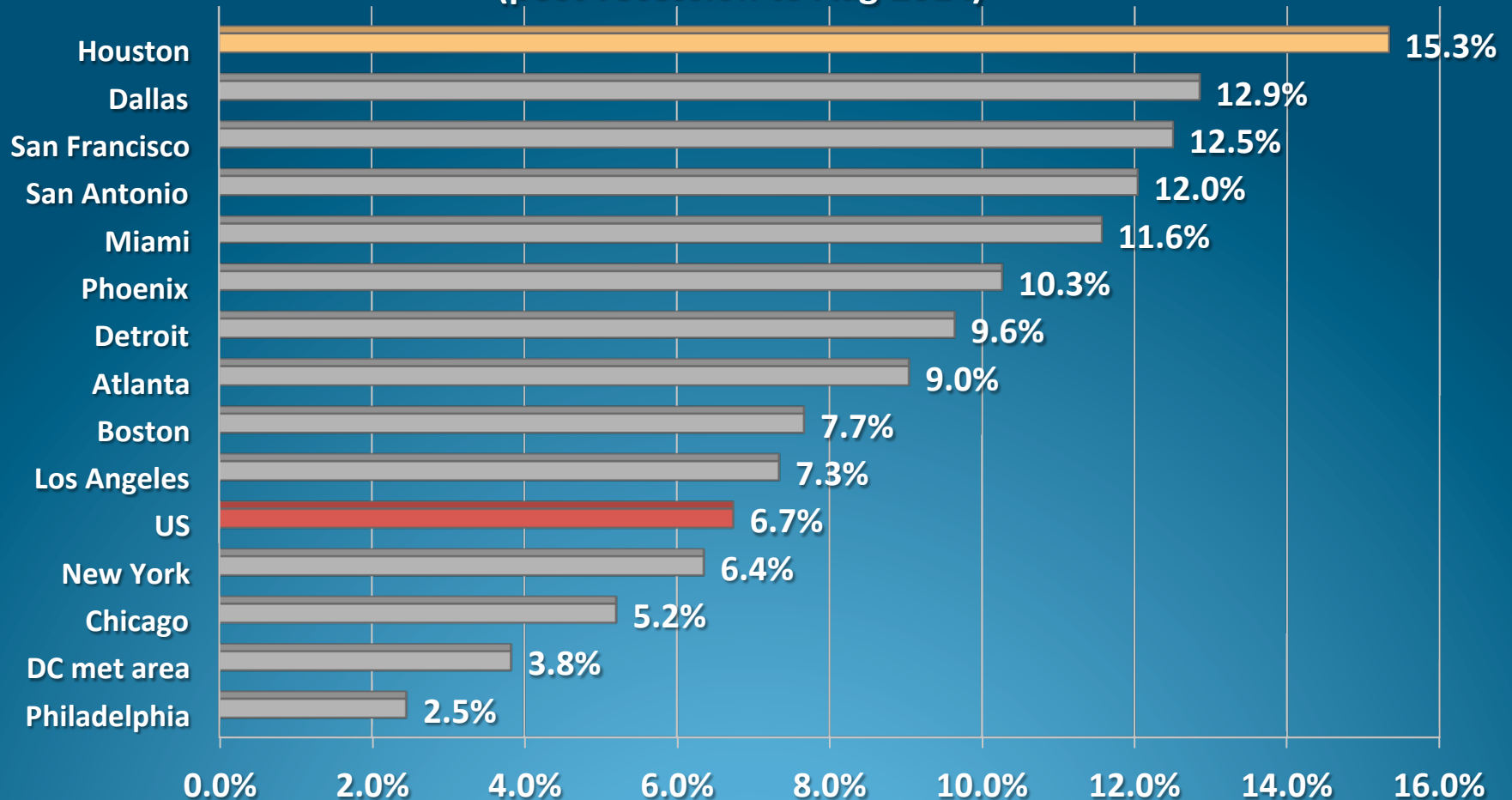
Facts and figures for planning a career in the region

*HISD Presentation by*

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Workforce Solutions*

# Houston is booming!

Job Growth Rates of Largest Metropolitan Areas  
(post-recession to Aug 2014)



# Houston is booming!

- Houston is THE energy capital of the world
- 241,792 jobs supported by energy sector in Houston
- 2001 – 2013 Houston had the highest growth rate of STEM jobs in the country surpassing San Francisco

# Ways to Think About Jobs

Which jobs are the most plentiful?

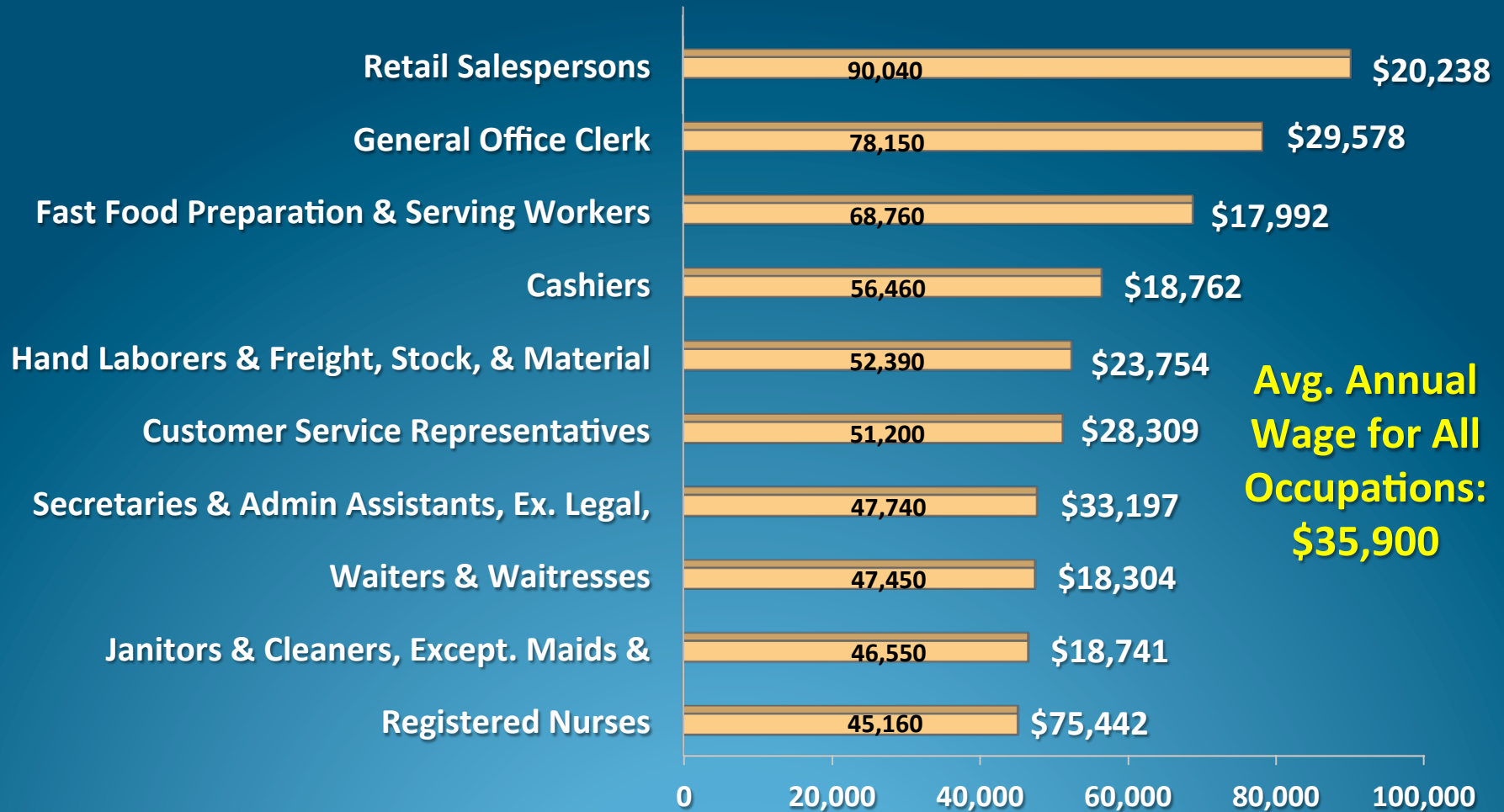
Which jobs are expected to grow fastest/  
slowest?

How many job openings are expected each  
year?

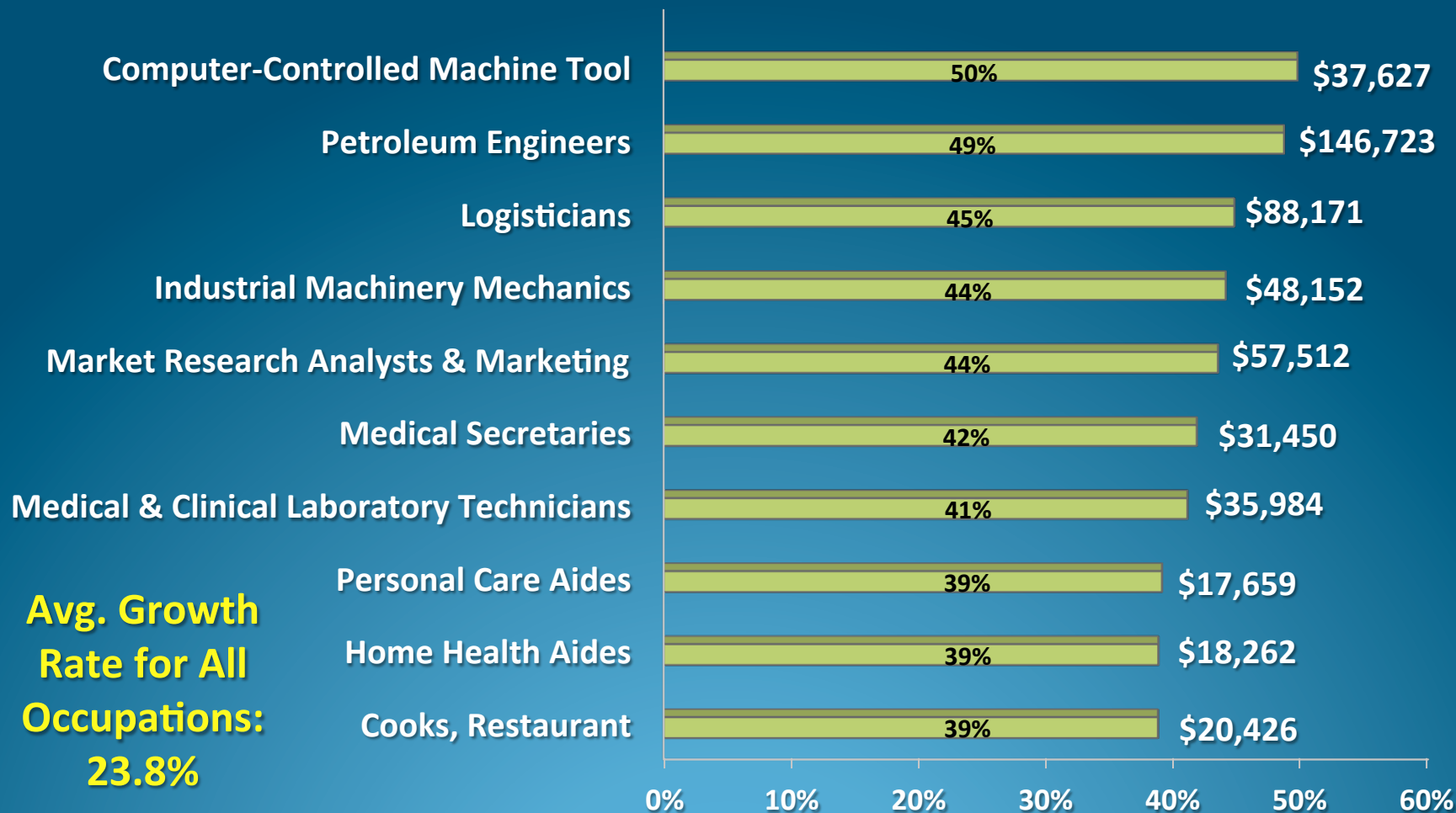
How much education do you need?

What is the average wage?

# Which jobs are the most plentiful?

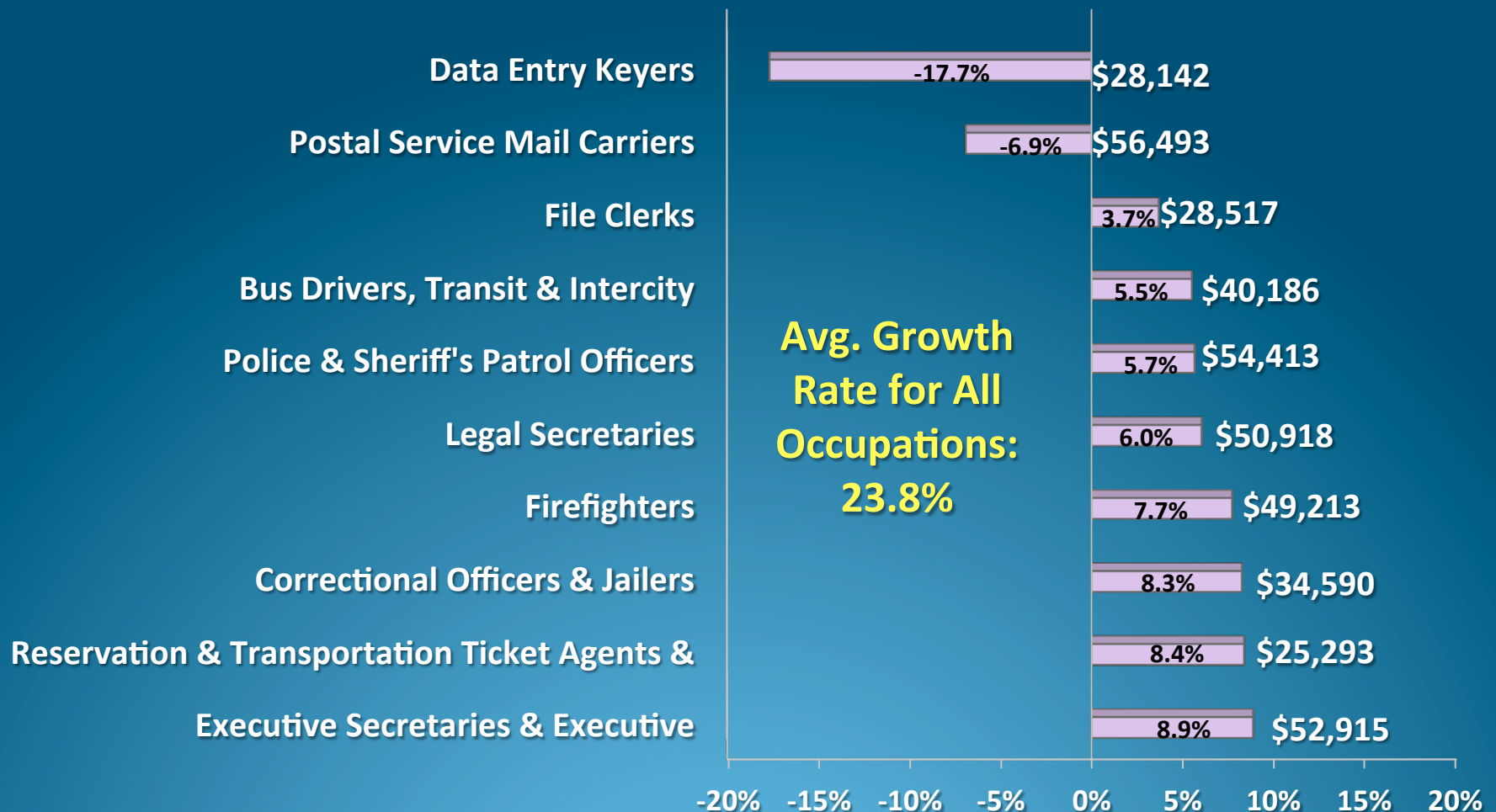


# Which jobs are expected to grow the fastest?

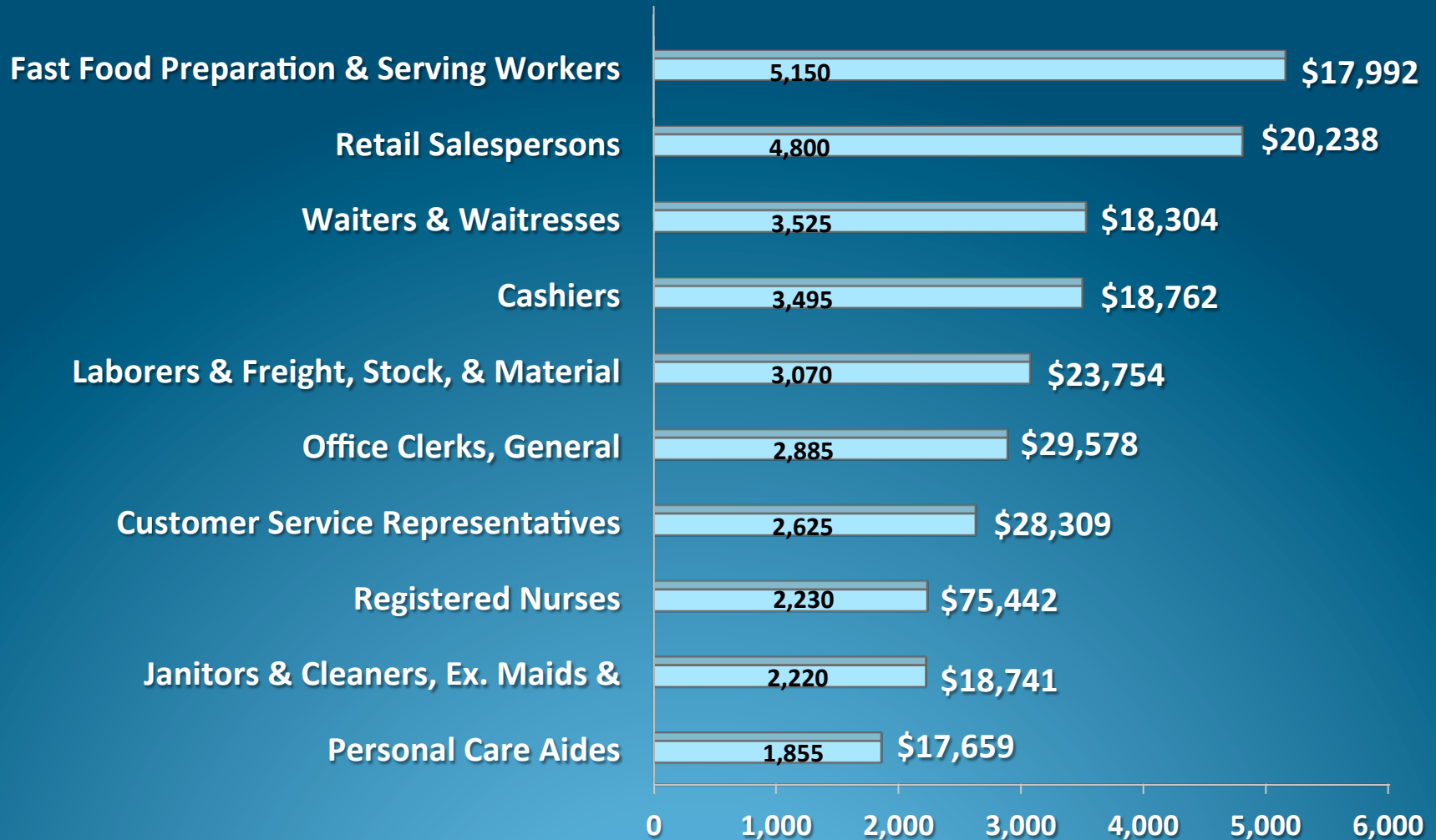




# Which jobs are expected to grow the slowest?



# How many openings are expected?





# How much education is needed?



High School  
Diploma or  
GED +

Postsecondary  
Certification

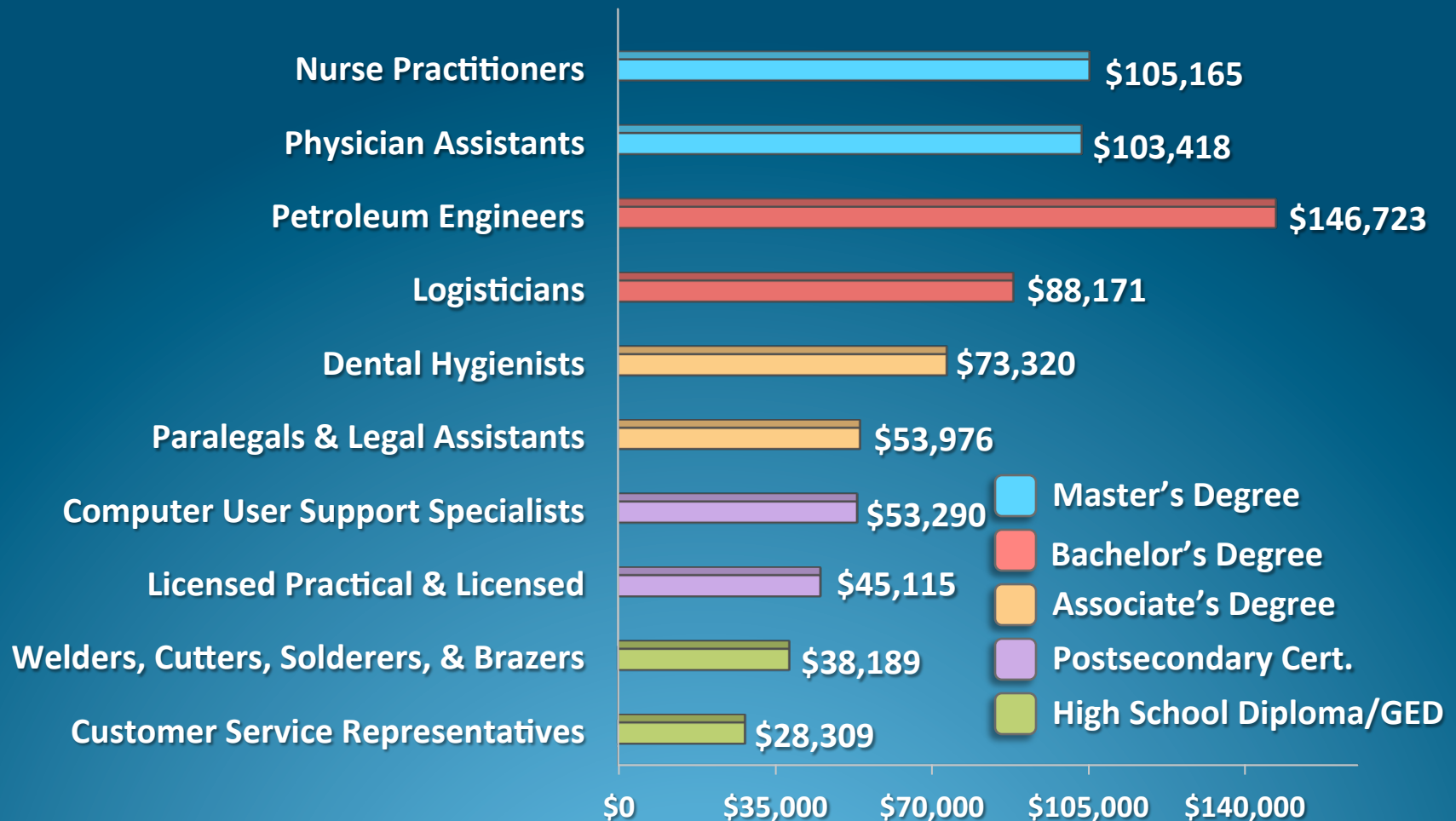
Associate's  
Degree

Bachelor's  
Degree

Master's  
Degree

Doctoral or  
Professional  
Degree

# How much education is needed?



# Let's consider several criteria together

- Employment of at least 2,500
- Is expected to grow at least as fast as the average:  
24%
  - At least 150 job openings each year
  - Requires at least a high school diploma/GED
- Earns at least the average for all jobs: \$36,000/year

# Top 10 Highest Paying Jobs: Bachelor's

<u>Job Title</u>	<u>Average Ann. Wage</u>
Geoscientists, Ex. Hydrologists & Geographers	\$155,646
Petroleum Engineers	\$146,723
Industrial Engineers	\$107,349
Electrical Engineers	\$99,445
Civil Engineers	\$99,258
Mechanical Engineers	\$97,365
Software Developers, Systems Software	\$96,470
Software Developers, Applications	\$94,827
Computer Systems Analysts	\$90,646
Logisticians*	\$88,171

# Highest Paying Jobs: Associate's

<u>Job Title</u>	<u>Average Ann. Wage</u>
Registered Nurses	\$75,442
Dental Hygienists*	\$73,320
Geological & Petroleum Technicians	\$62,712
Paralegals & Legal Assistants	\$53,976
Radiologic Technologists	\$53,477
Medical & Clinical Laboratory Technicians	\$35,984



# Highest Paying Jobs:

## Postsecondary Certification

<u>Job Title</u>	<u>Average Ann. Wage</u>
Licensed Practical & Licensed Vocational Nurses	\$45,115
HVAC Mechanics & Installers	\$41,267
Heavy & Tractor-Trailer Truck Drivers*	\$37,960
Medical Records & Health Information Technicians	\$37,378

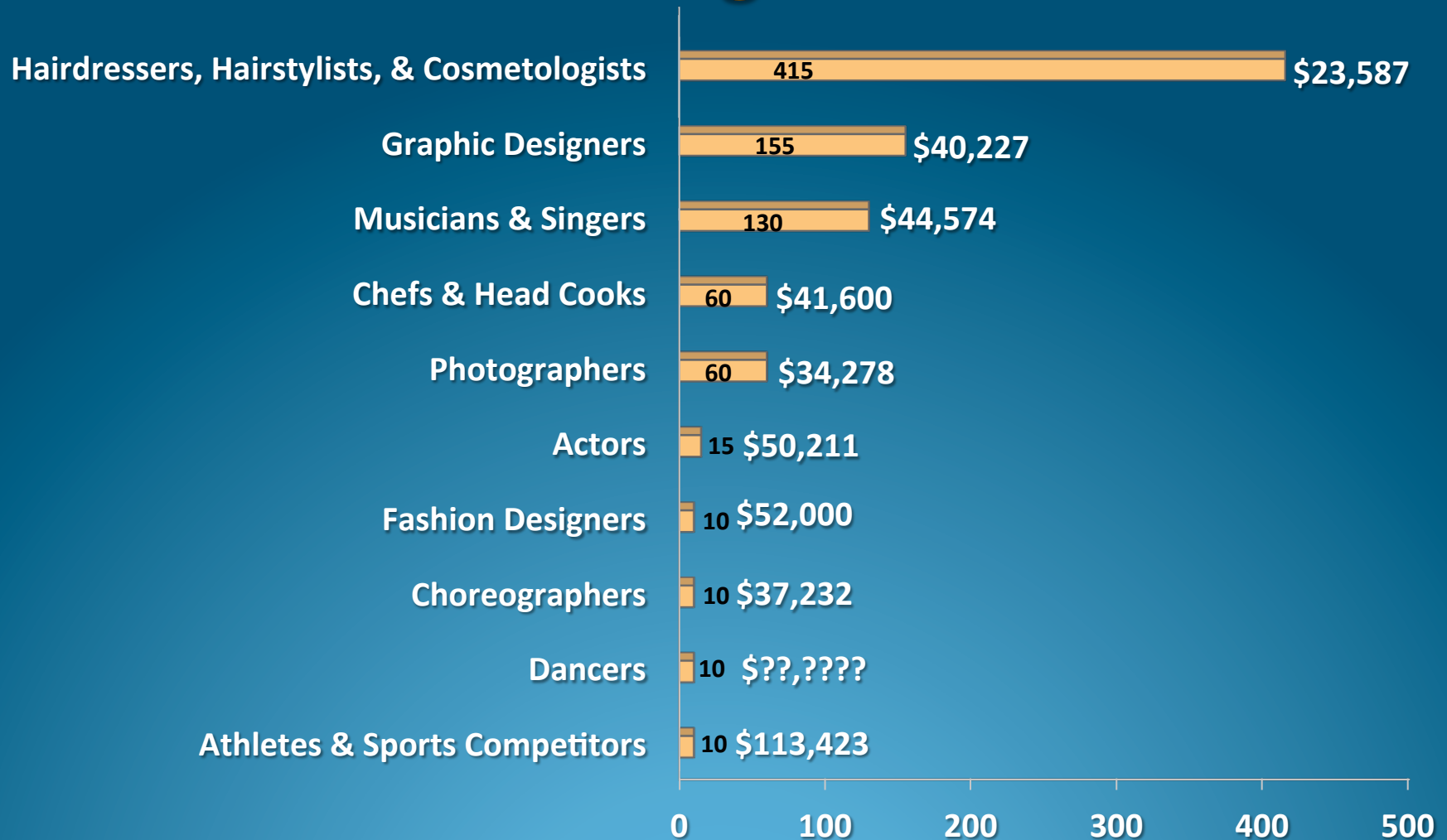


# Top 10 Highest Paying Jobs:

## High School/GED\* +

<u>Job Title</u>	<u>Average Ann. Wage</u>
Electrical Power-Line Installers & Repairers	\$58,594
Plumbers, Pipefitters, & Steamfitters	\$51,334
Industrial Machinery Mechanics	\$48,152
Electricians	\$46,717
Mobile Heavy Equip. Mechanics, Ex. Engines	\$46,509
Machinists	\$41,350
Maintenance Workers, Machinery	\$40,560
Structural Iron & Steel Workers	\$38,730
Welders, Cutters, Solderers, & Brazers	\$38,189
Computer-Controlled Machine Tool Operators	\$37,627

# Popular Jobs: No. of Openings & Wages



# Other Considerations When Thinking About Jobs

What are my interests?


What are my aptitudes?


What are my long-term educational goals?


What are the working conditions?

# Online Resource


## <http://www.bls.gov/k12/students.htm>

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**STUDENT RESOURCES**

TEACHER'S DESK

















HISTORY OF BLS

FAQs



### CAREER EXPLORATION

What are you interested in? [\[+\] Show all](#)

 Building and fixing things <a href="#">[+] Show</a>	 Music and art <a href="#">[+] Show</a>
 Computers <a href="#">[+] Show</a>	 Nature <a href="#">[+] Show</a>
 Food <a href="#">[+] Show</a>	 Reading <a href="#">[+] Show</a>
 Helping people <a href="#">[+] Show</a>	 Science <a href="#">[+] Show</a>
 Law <a href="#">[+] Show</a>	 Social studies <a href="#">[+] Show</a>
 Managing money <a href="#">[+] Show</a>	 Sports <a href="#">[+] Show</a>
 Math <a href="#">[+] Show</a>	 Teaching <a href="#">[+] Show</a>
 Media <a href="#">[+] Show</a>	 Transportation <a href="#">[+] Show</a>

**Thank You!**

# Supplemental Slides



# Personal Appearance Workers

- Barbers
- Hairdressers, Hairstylists, & Cosmetologists
- Manicurists & Pedicurists
- Shampooers
- Skincare Specialists

Total # of Personal Appearance Workers in Houston  
area

13,560

Vs.

6.3 million people total

# Personal Appearance Workers

Total # of Predicted Personal Appearance Workers in  
Houston area by 2022

16,740

i.e. an increase of 3,180

Total # of job openings each year between now and  
2022

610

# Personal Appearance Workers

Annual Avg. Wages 2003 and 2013

