

DATA DECIPHERED

A VISUAL MIGRATION OF VFX

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Victoria University of Wellington 2016

A Thesis submitted to the Victoria University of Wellington in fulfilment of the requirements for the
Degree of Masters of Design Innovation

AVERAGE LIFETIME
REGIONAL DENSITY

694
UNITED KINGDOM

251
EUROPE

46
CHINA

1749
CALIFORNIA

383
VANCOUVER

155
INDIA

57
SINGAPORE

146
AUSTRALIA

169
NEW ZEALAND

33
SOUTHERN STATES

342
ONTARIO /
NEW YORK

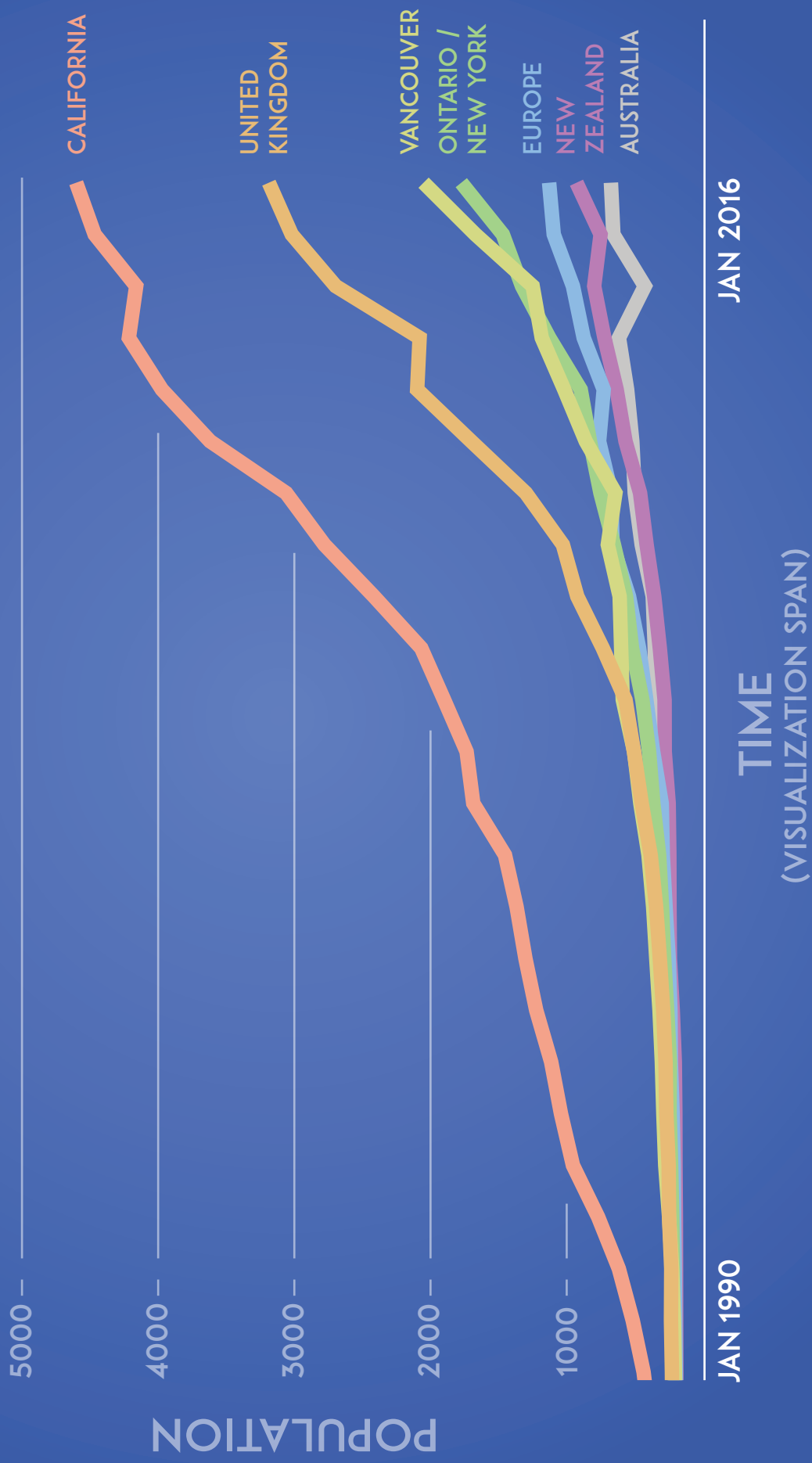
13
ARGENTINA

PEOPLE REGION

AVERAGED REGIONAL VFX
POPULATIONS FROM 1990 - 2016

GROWTH OF VISUAL EFFECTS

REGIONAL POPULATION DENSITY BETWEEN 1990 - 2016





AN ANALYSIS OF ROLE BY REGION

- ANIMATION
- CHARACTER
- CODE
- COMPOSITING
- EFFECTS
- LIGHTING
- MODELING
- PRODUCTION
- ROTSOCOPE
- TD

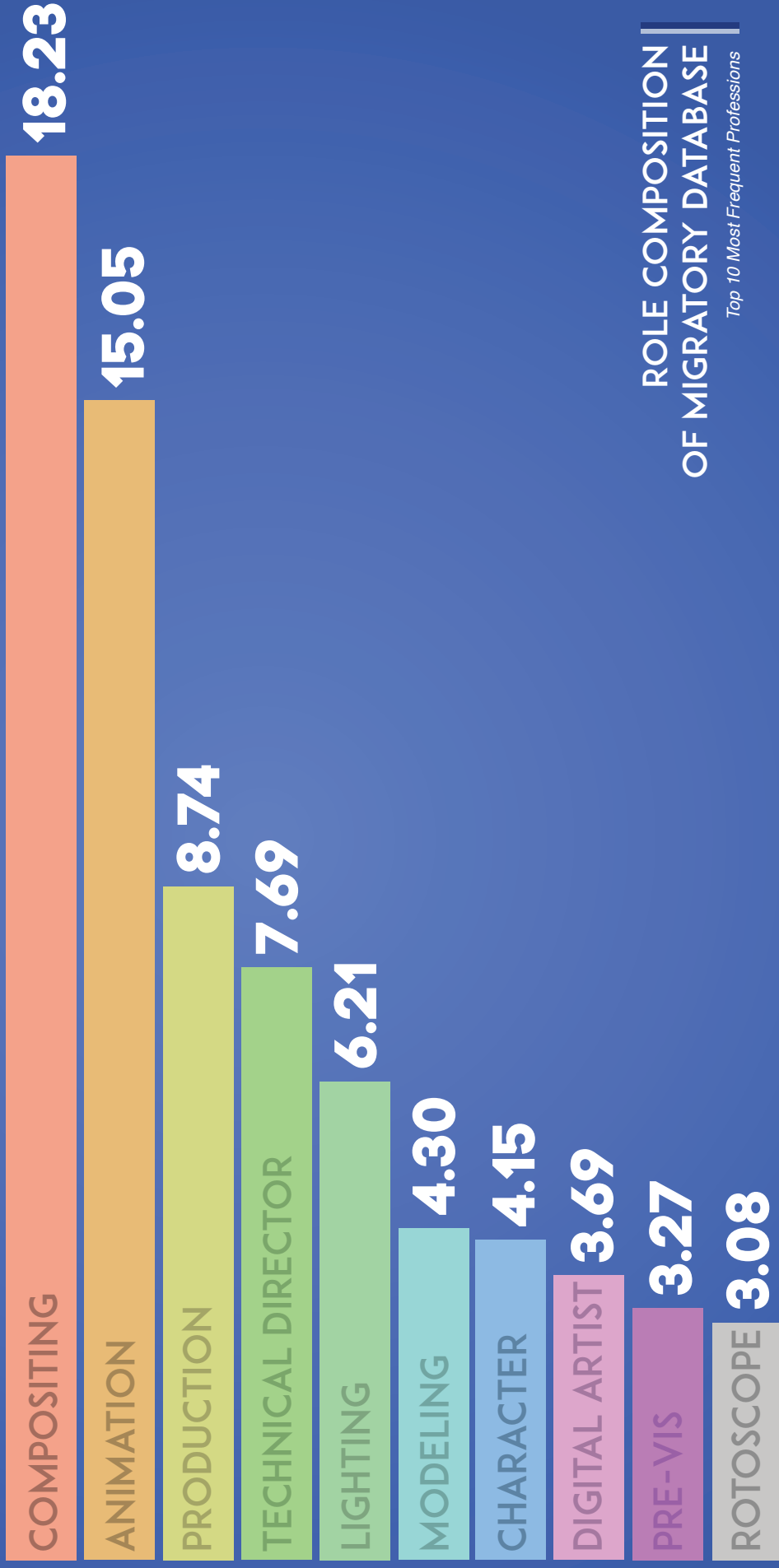


**AVERAGED LIFETIME
REGIONAL COMPOSITION**
Additional Role Categories

MIGRATION BY PROFESSION

82711
MIGRATIONS IN THE DATABASE

MOST FREQUENT PROFESSIONS



ROLE COMPOSITION
OF MIGRATORY DATABASE

Top 10 Most Frequent Professions

PERCENTAGE OF ALL MIGRATIONS



MOBILITY

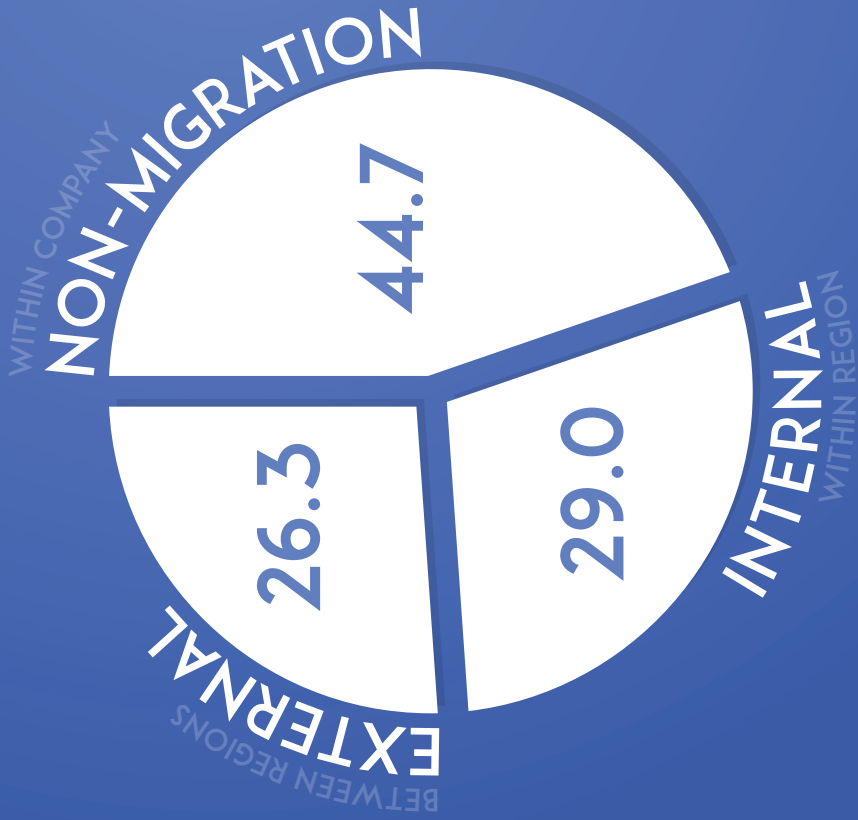
IN VISUAL EFFECTS

THE VFX ARTIST WILL
MOVE ON AVERAGE

3.67

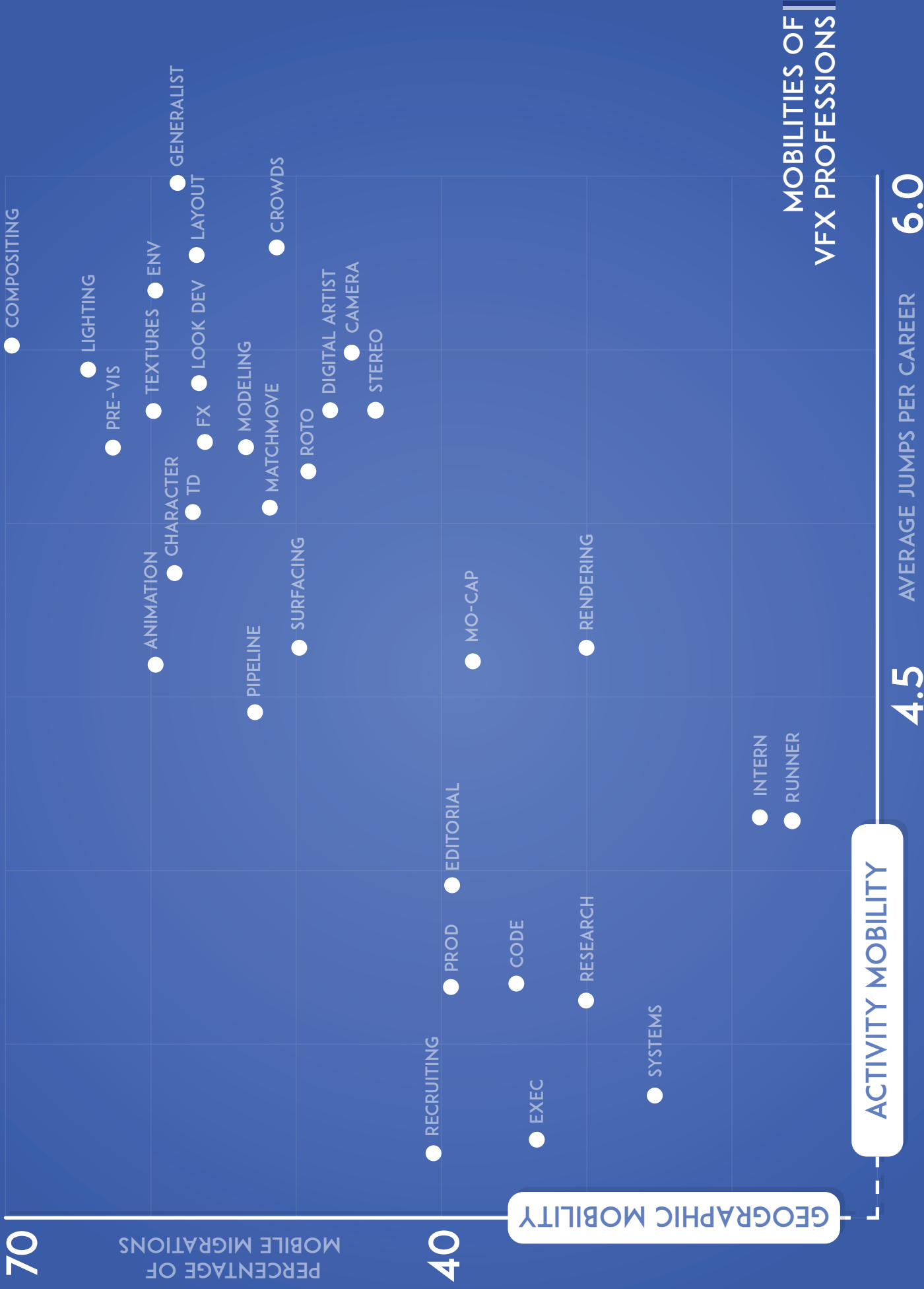
TIMES

OVER THE COURSE OF
THEIR CAREER



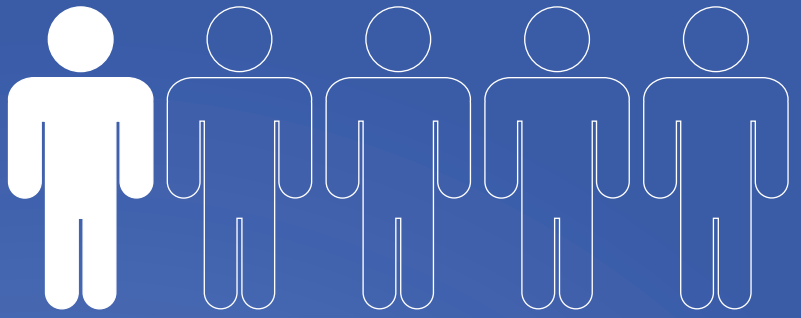
PERCENTAGE OF MOBILITY
TYPE OVER ALL MIGRATIONS

AVERAGED ACTIVITY
AND GEOGRAPHIC MOBILITY



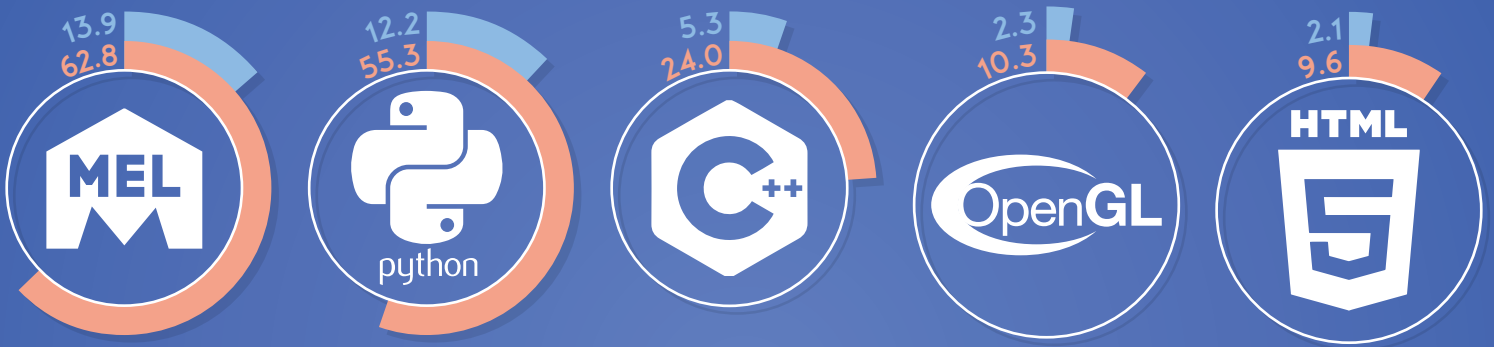
CODE LITERACY

IN VISUAL EFFECTS



1:5

ONE IN FIVE VFX WORKERS CAN CODE

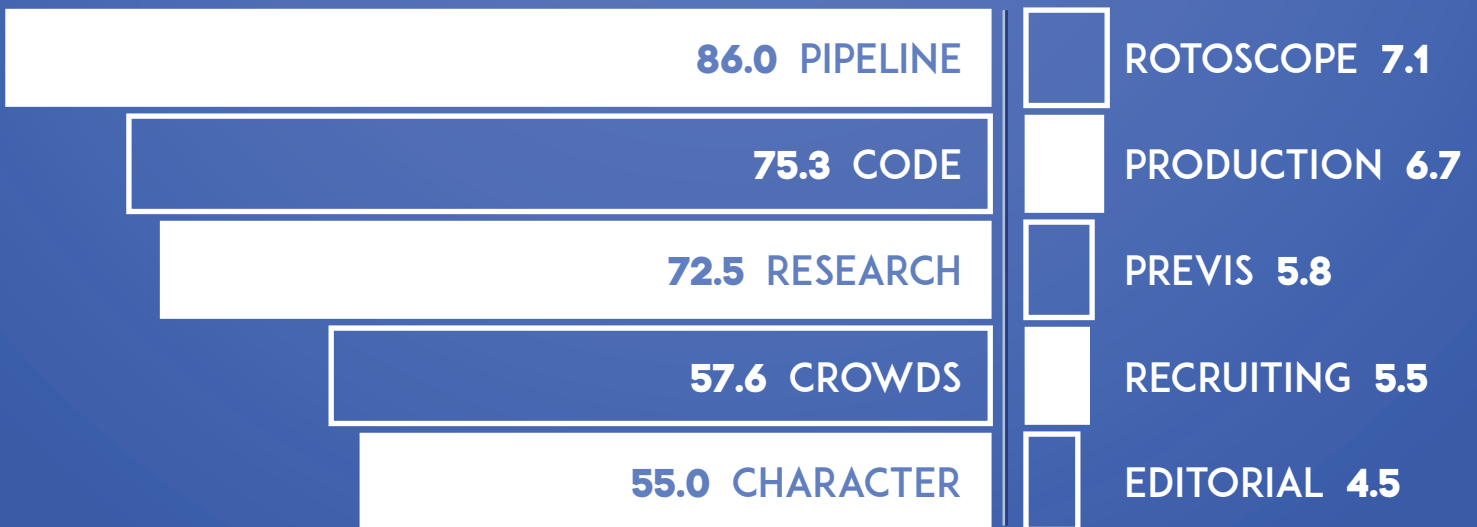


TOP FIVE MOST POPULAR LANGUAGES

█ Percentage Among Coders
█ Percentage Among All Artists

Top Coding Professions

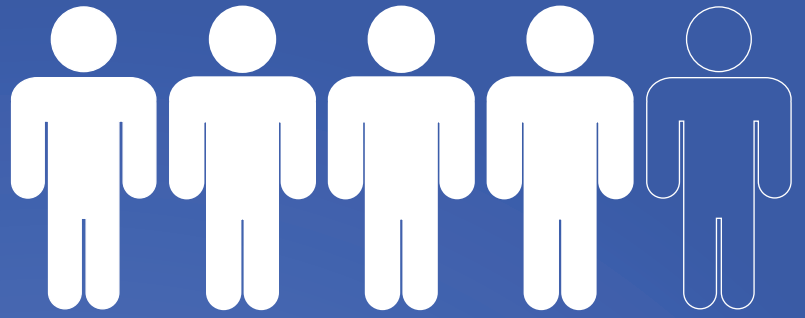
Bottom Coding Professions



CODING PERCENTAGES IN PROFESSIONS

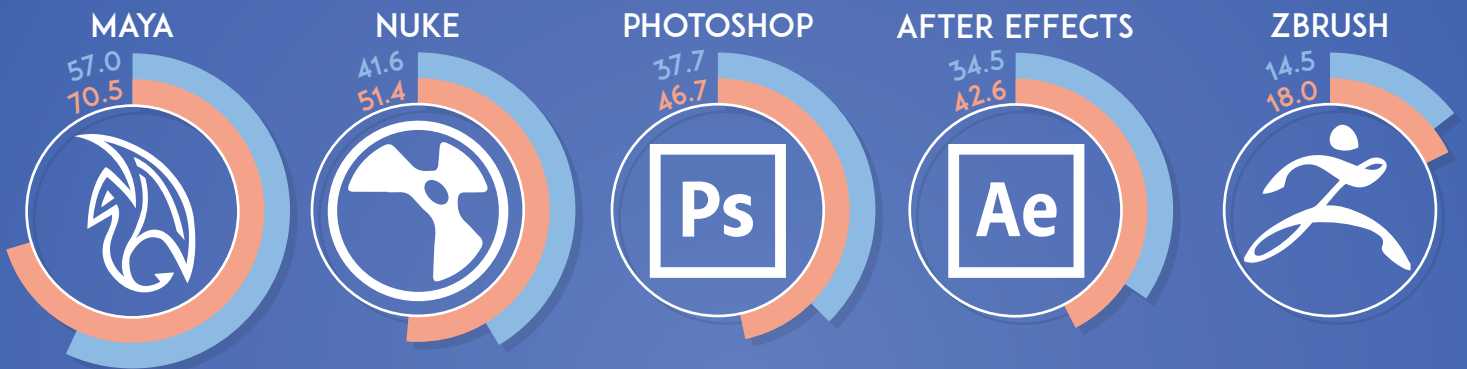
SOFTWARE PROFICIENCY

IN VISUAL EFFECTS



4:5

FOUR IN FIVE PROFESSIONALS KNOW VFX SOFTWARE



TOP FIVE MOST POPULAR PROGRAMS

█ Percentage Among Software Users
█ Percentage Among All Artists

Top Software Professions

Bottom Software Professions

93.2 FX	PRODUCTION 69.5
92.9 COMPOSITING	RESEARCH 68.9
92.0 GENERALIST	RECRUITING 68.5
91.9 ROTOSCOPE	SYSTEMS 58.9
91.8 MODELING	EXECUTIVE 52.6

SOFTWARE PROFICIENCY PERCENTAGES IN PROFESSIONS