**Computer and Mathematical Occupations** is projected to add 947 new jobs to the state economy, an increase of 3.62 percent. Of the 2,208 annual job openings, 460 are for those created from employees leaving the workforce, while 1,274 are from people changing jobs. Growth and expansion accounts for 474 annual openings.

**2-Year Projected (2018-2020) Growth Rate: 3.62%  
Biggest Gain: Software Developers, Applications (15-1132) – 221 jobs  
Fastest Gain: Information Security Analysts (15-1122) – 7.23%   
Biggest and Fastest Loser: Computer Programmers (15-1131) – 11 jobs (0.48%)**

**Short-Term Outlook 2018-2020**

**Computer and Mathematical Occupations (15-0000)**

The ***Computer Occupations*** occupational family is anticipating 866 new jobs, an increase of 3.46 percent. Software Developers, Applications leads the major group in numeric change with 221 new jobs. Information Security Analysts is slated to be the fastest growing occupation at a growth of 7.23 percent. Although improving from previous years, Computer Programmers are predicted to experience a small loss of 11 jobs. The occupational family is expecting around 2,095 annual job openings.

The ***Mathematical Science Occupations*** occupational familyis predicted to experience an increase of 81 jobs, an increase of 7.23 percent. Operations Research Analysts leads this occupational family with a gain of 43 new jobs. Around 113 annual job openings are anticipated for the occupational family.

**Workforce Development Area Outlook  
Computer and Mathematical Occupations**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Workforce Development Area** | **2018 Estimated Employment** | **2020 Projected Employment** | **Numeric Change** | **Percent Change** | **Annual Openings-Exits** | **Annual Openings- Transfers** | **Annual Openings-Change** | **Annual Openings- Total** |
| Northwest Arkansas | 9,236 | 9,639 | 403 | 4.36% | 160 | 454 | 202 | 816 |
| North Central Arkansas | 274 | 273 | -1 | -0.37% | 4 | 14 | 0 | 18 |
| Northeast Arkansas | 795 | 824 | 29 | 3.65% | 14 | 38 | 14 | 66 |
| Western Arkansas | 1,191 | 1,216 | 25 | 2.10% | 20 | 58 | 12 | 90 |
| West Central Arkansas | 821 | 825 | 4 | 0.49% | 16 | 40 | 2 | 58 |
| City of Little Rock | 6,312 | 6,541 | 229 | 3.63% | 110 | 306 | 114 | 530 |
| Eastern Arkansas | 122 | 123 | 1 | 0.82% | 2 | 6 | 0 | 8 |
| Southwest Arkansas | 359 | 363 | 4 | 1.11% | 6 | 18 | 2 | 26 |
| Southeast Arkansas | 488 | 487 | -1 | -0.20% | 10 | 23 | 0 | 33 |