# Personnel Strength and Readiness Interactive Dashboard

This product was developed due to high demand for strength and readiness analysis and the desire for individual customers to have customized products. I have provided three screen shots.

- This dashboard allows customers to customize what metrics that they need.
- This data is from a specified database and is shaped by a combination of SQL codes and Excel dashboard functions.
- The customer does not see the backend processing so it is a GUI output and the customer can pull the table and chart images directly from the outputs.
- The drop down menus are what allow the customer to specify targeted analysis.
- I show the ordering logic on the slide for this display.
- The data update automatically through scheduled back-end query runs.

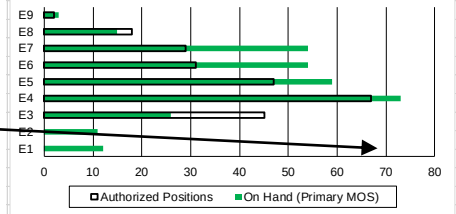
# Personnel Strength and Readiness Interactive Dashboard

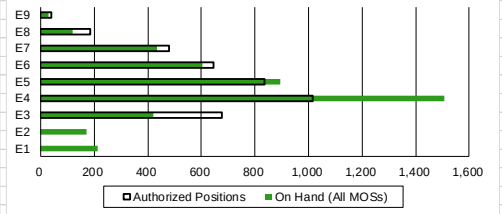
The outputs adjust based upon selection criteria. They include trends, categories, gender, grade

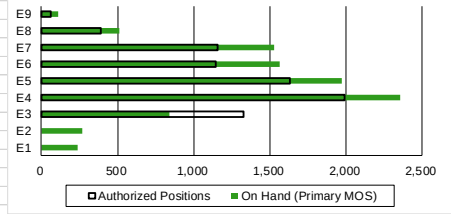
Select filters for specific RFIs

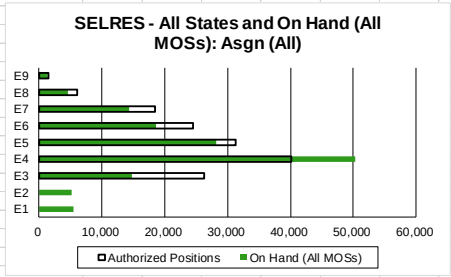
Filter for all personnel or for specific reasons

| Choose a MPC: | E | Choose a CMF: | 42A | Choose a State: | NC | Choose type of Position: | Authorized | Choose a Readiness Filter: | Asgn | Choose a RCC: | SELRES |
|---|---|---|---|---|---|---|---|---|---|---|---|




| | | | |
|---|---|---|---|
| Gender | 1 | All | 1 |
| RCC | 1 | SELRES | 1 |
| Type of CMF | 1 | MOS | |
| MPC | 1 | E | |
| State | 33 | NC | |
| CMF | 214 | 42A | |
| Required or Authorized | 1 | Authorized | 1 |
| Readiness | 1 | Asgn | 1 |

| | SELRES - State: NC and MOS: 42A: Asgn (All) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MPC: E, Grade >>> | E1 | E2 | E3 | E4 | E5 | E6 | E7 | E8 | E9 |
| On Hand (Primary MOS) | 12 | 11 | 26 | 73 | 59 | 54 | 54 | 15 | 3 |
| Authorized Positions | 0 | 0 | 45 | 67 | 47 | 31 | 29 | 18 | 2 |
| MOS Fill Percentage | ---% | ---% | 57.78% | 108.96% | 125.53% | 174.19% | 186.21% | 83.33% | 150.00% |
| MOS Delta | 12 | 11 | (19) | 6 | 12 | 23 | 25 | (3) | 1 |
| Vacancies: 42A | 0 | 0 | 31 | 39 | 5 | 5 | 1 | 0 | 0 |

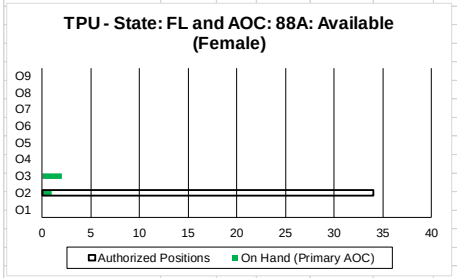
| | SELRES - State: NC and On Hand (All MOSs): Asgn (All) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MPC: E, Grade >>> | E1 | E2 | E3 | E4 | E5 | E6 | E7 | E8 | E9 |
| On Hand (All MOSs) | 212 | 170 | 420 | 1,507 | 895 | 605 | 435 | 121 | 31 |
| Authorized Positions | 0 | 0 | 677 | 1,016 | 835 | 646 | 478 | 184 | 40 |
| MOS Fill Percentage | ---% | ---% | 62.04% | 148.33% | 107.19% | 93.65% | 91.00% | 65.76% | 77.50% |
| MOS Delta | 212 | 170 | (257) | 491 | 60 | (41) | (43) | (63) | (9) |
| Vacancies (All MOSs) | 1 | 0 | 391 | 617 | 412 | 442 | 163 | 0 | 0 |

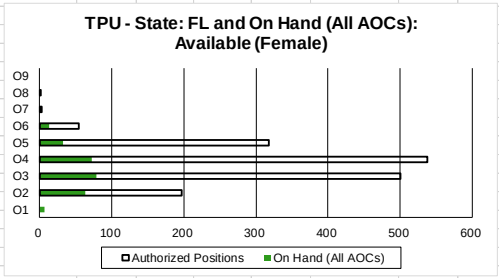
| | SELRES - All States and MOS:42A: Asgn (All) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MPC: E, Grade >>> | E1 | E2 | E3 | E4 | E5 | E6 | E7 | E8 | E9 |
| On Hand (Primary MOS) | 239 | 266 | 843 | 2,356 | 1,976 | 1,565 | 1,527 | 511 | 111 |
| Authorized Positions | 0 | 0 | 1,329 | 1,990 | 1,631 | 1,146 | 1,156 | 393 | 62 |
| MOS Fill Percentage | ---% | ---% | 63.43% | 118.39% | 121.15% | 136.56% | 132.09% | 130.03% | 179.03% |
| MOS Delta | 239 | 266 | (486) | 366 | 345 | 419 | 371 | 118 | 49 |
| Vacancies (Primary MOSs) | 1 | 0 | 858 | 978 | 465 | 397 | 141 | 0 | 0 |

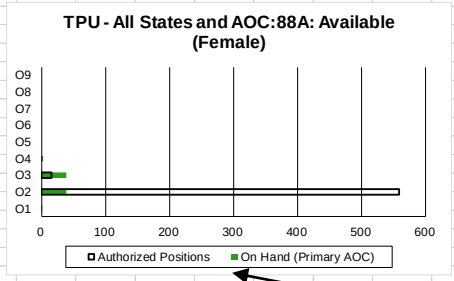
| | SELRES - All States and On Hand (All MOSs): Asgn (All) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MPC: E, Grade >>> | E1 | E2 | E3 | E4 | E5 | E6 | E7 | E8 | E9 |
| On Hand (All MOSs) | 5,505 | 5,237 | 14,819 | 50,290 | 28,144 | 18,557 | 14,322 | 4,602 | 1,291 |
| Authorized Positions | 0 | 0 | 26,224 | 40,106 | 31,307 | 24,535 | 18,524 | 6,034 | 1,447 |
| MOS Fill Percentage | ---% | ---% | 56.51% | 125.39% | 89.90% | 75.63% | 77.32% | 76.27% | 89.22% |
| MOS Delta | 5,505 | 5,237 | (11,405) | 10,184 | (3,163) | (5,978) | (4,202) | (1,432) | (156) |
| Total Vacancies: E | 96 | 10 | 16,596 | 23,245 | 14,172 | 13,785 | 6,017 | 4 | 0 |

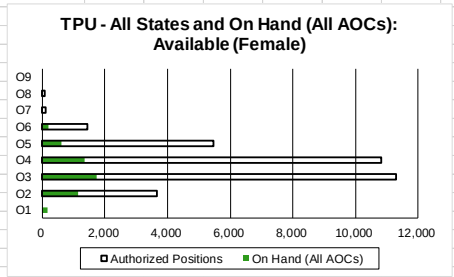
# Personnel Strength and Readiness Interactive Dashboard

Choose a MPC: O | Choose a CMF: 88A | Choose a State: FL | Choose type of Position: Authorized | Choose a Readiness Filter: Available | Choose a RCC: TPU | Choose a Gender: Female




| | | | |
|---|---|---|---|
| Gender | 2 | Female | 0 |
| RCC | 2 | TPU | 0 |
| Type of CMF | 2 | AOC | |
| MPC | 2 | O | |
| State | 13 | FL | |
| CMF | 370 | 88A | |
| Required or Authorized | 1 | Authorized | 1 |
| Readiness | 2 | Available | 1 |

| | TPU - State: FL and AOC: 88A: Available (Female) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MPC: O, Grade >>> | O1 | O2 | O3 | O4 | O5 | O6 | O7 | O8 | O9 |
| On Hand (Primary AOC) | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Authorized Positions | 0 | 34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AOC Fill Percentage | ---% | 0.029 | ---% | ---% | ---% | ---% | ---% | ---% | ---% |
| AOC Delta | 0 | (33) | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vacancies: 88A | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | TPU - State: FL and On Hand (All AOCs): Available (Female) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MPC: O, Grade >>> | O1 | O2 | O3 | O4 | O5 | O6 | O7 | O8 | O9 |
| On Hand (All AOCs) | 7 | 63 | 78 | 72 | 32 | 13 | 0 | 1 | 0 |
| Authorized Positions | 0 | 197 | 501 | 538 | 318 | 54 | 3 | 1 | 0 |
| AOC Fill Percentage | ---% | 0.32 | 15.57% | 13.38% | 10.06% | 24.07% | 0.00% | 100.00% | ---% |
| AOC Delta | 7 | (134) | (423) | (466) | (286) | (41) | (3) | 0 | 0 |
| Vacancies (All AOCs) | 0 | 98 | 333 | 249 | 202 | 0 | 0 | 0 | 0 |

| | TPU - All States and AOC:88A: Available (Female) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MPC: O, Grade >>> | O1 | O2 | O3 | O4 | O5 | O6 | O7 | O8 | O9 |
| On Hand (Primary AOC) | 1 | 38 | 38 | 2 | 0 | 0 | 0 | 0 | 0 |
| Authorized Positions | 0 | 558 | 16 | 0 | 0 | 0 | 0 | 0 | 0 |
| AOC Fill Percentage | ---% | 0.068 | 237.50% | ---% | ---% | ---% | ---% | ---% | ---% |
| AOC Delta | 1 | (520) | 22 | 2 | 0 | 0 | 0 | 0 | 0 |
| Vacancies (Primary AOCs) | 0 | 570 | 14 | 0 | 0 | 0 | 0 | 0 | 0 |

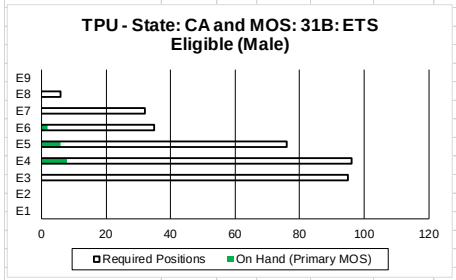
| | TPU - All States and On Hand (All AOCs): Available (Female) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MPC: O, Grade >>> | O1 | O2 | O3 | O4 | O5 | O6 | O7 | O8 | O9 |
| On Hand (All AOCs) | 151 | 1,132 | 1,720 | 1,355 | 602 | 209 | 9 | 3 | 0 |
| Authorized Positions | 0 | 3,673 | 11,291 | 10,825 | 5,480 | 1,429 | 113 | 69 | 0 |
| AOC Fill Percentage | ---% | 0.308 | 15.23% | 12.52% | 10.99% | 14.63% | 7.96% | 4.35% | ---% |
| AOC Delta | 151 | ##### | (9,571) | (9,470) | (4,878) | (1,220) | (104) | (66) | 0 |
| Total Vacancies: O | 3 | 3,666 | 10,168 | 5,601 | 1,931 | 0 | 1 | 0 | 0 |

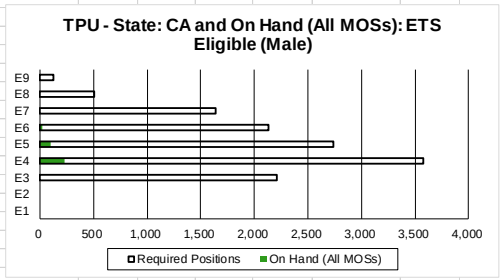
Selection criteria was specified for specific gender, milpay, category, and specific readiness caveats. The outputs have adjusted.

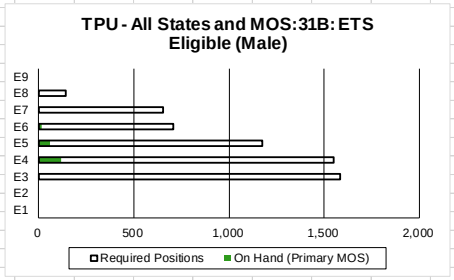
# Personnel Strength and Readiness Interactive Dashboard

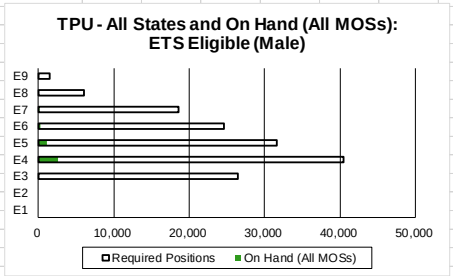
Selection output maintains a total graph for caveats as well.

| Choose a MPC: | E | Choose a CMF: | 31B | Choose a State: | CA | Choose type of Position: | Required | Choose a Readiness Filter: | ETS Eligible | Choose a RCC: | TPU | Choose a Gender: | Male |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|




| | | | |
|---|---|---|---|
| Gender | 3 | Male | 1 |
| RCC | 2 | TPU | 0 |
| Type of CMF | 1 | MOS | |
| MPC | 1 | E | |
| State | 8 | CA | |
| CMF | 166 | 31B | |
| Required or Authorized | 2 | Required | 1 |
| Readiness | 3 | ETS Eligible | 0 |

| | TPU - State: CA and MOS: 31B: ETS Eligible (Male) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **MPC: E, Grade >>>** | **E1** | **E2** | **E3** | **E4** | **E5** | **E6** | **E7** | **E8** | **E9** |
| **On Hand (Primary MOS)** | 0 | 0 | 0 | 8 | 6 | 2 | 0 | 0 | 0 |
| **Required Positions** | 0 | 0 | 95 | 96 | 76 | 35 | 32 | 6 | 0 |
| **MOS Fill Percentage** | ---% | ---% | 0.00% | 8.33% | 7.89% | 5.71% | 0.00% | 0.00% | ---% |
| **MOS Delta** | 0 | 0 | (95) | (88) | (70) | (33) | (32) | (6) | 0 |
| **Vacancies: 31B** | 0 | 0 | 70 | 53 | 36 | 9 | 6 | 0 | 0 |

| | TPU - State: CA and On Hand (All MOSs): ETS Eligible (Male) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **MPC: E, Grade >>>** | **E1** | **E2** | **E3** | **E4** | **E5** | **E6** | **E7** | **E8** | **E9** |
| **On Hand (All MOSs)** | 0 | 0 | 0 | 229 | 101 | 24 | 0 | 0 | 0 |
| **Required Positions** | 0 | 0 | 2,207 | 3,574 | 2,742 | 2,134 | 1,636 | 505 | 124 |
| **MOS Fill Percentage** | ---% | ---% | 0.00% | 6.41% | 3.68% | 1.12% | 0.00% | 0.00% | 0.00% |
| **MOS Delta** | 0 | 0 | (2,207) | (3,345) | (2,641) | (2,110) | (1,636) | (505) | (124) |
| **Vacancies (All MOSs)** | 4 | 0 | 1,399 | 2,130 | 1,273 | 1,207 | 644 | 0 | 0 |

| | TPU - All States and MOS:31B: ETS Eligible (Male) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **MPC: E, Grade >>>** | **E1** | **E2** | **E3** | **E4** | **E5** | **E6** | **E7** | **E8** | **E9** |
| **On Hand (Primary MOS)** | 0 | 0 | 0 | 115 | 61 | 16 | 0 | 0 | 0 |
| **Required Positions** | 0 | 0 | 1,584 | 1,551 | 1,176 | 708 | 655 | 140 | 0 |
| **MOS Fill Percentage** | ---% | ---% | 0.00% | 7.41% | 5.19% | 2.26% | 0.00% | 0.00% | ---% |
| **MOS Delta** | 0 | 0 | (1,584) | (1,436) | (1,115) | (692) | (655) | (140) | 0 |
| **Vacancies (Primary MOSs)** | 0 | 0 | 707 | 644 | 301 | 375 | 174 | 0 | 0 |

| | TPU - All States and On Hand (All MOSs): ETS Eligible (Male) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **MPC: E, Grade >>>** | **E1** | **E2** | **E3** | **E4** | **E5** | **E6** | **E7** | **E8** | **E9** |
| **On Hand (All MOSs)** | 0 | 0 | 0 | 2,556 | 1,155 | 292 | 3 | 0 | 0 |
| **Required Positions** | 0 | 0 | 26,384 | 40,487 | 31,598 | 24,655 | 18,624 | 6,034 | 1,447 |
| **MOS Fill Percentage** | ---% | ---% | 0.00% | 6.31% | 3.66% | 1.18% | 0.02% | 0.00% | 0.00% |
| **MOS Delta** | 0 | 0 | (26,384) | (37,931) | (30,443) | (24,363) | (18,621) | (6,034) | (1,447) |
| **Total Vacancies: E** | 96 | 10 | 16,596 | 23,245 | 14,172 | 13,785 | 6,017 | 4 | 0 |