



2024 DISABILITY EXPERIENCE OF THE OHIO STATE HIGHWAY PATROL

Year Ending December 31, 2024

February 1, 2025

To: The Honorable Governor Mike DeWine
Ohio Retirement Study Council
The Honorable Rob McColley, Senate President
The Honorable Matt Huffman, Speaker of the House
The Honorable Susan Manchester, Chair, Government Oversight and Reform
The Honorable Steve Wilson, Chair, Financial Institutions, Insurance and Technology
The Honorable Bob Peterson, Chair, Public Insurance and Pensions Committee

From: Carl Roark, Ph.D.
Executive Director
614.430.3557 (direct)
c.roark@ohprs.org

Re: **2024 Disability Experience of the State Highway Patrol**

The 2024 disability retirement experience for the State Highway Patrol is being provided pursuant to Ohio Revised Code Section 5505.181. The table below provides a summary:

| | |
|--|-------|
| Applications Pending, 12/31/2023 | 1 |
| +Applications Filed | 3 |
| =Total Disability Applications | 4 |
| -Applications Granted (1 in-the-line-of-duty) | 3 |
| -Applications Denied | 1 |
| -Applications Withdrawn | 0 |
| =Applications Pending, 12/31/2024 | 0 |
| Total Active Members, 12/31/2024 | 1,437 |
| Percentage of disability applications granted relative to active members | 0.21% |

5-Year Average of Percentage Granted to Active Members

| 2020 | 2021 | 2022 | 2023 | 2024 | 5-Year Average |
|-------|-------|-------|-------|-------|----------------|
| 0.39% | 0.41% | 0.65% | 0.43% | 0.21% | 0.42% |

Disabilities for OSHP officers are covered by ORC 5505.18 and OAC 5505-3-02. In-the-line-of-duty disabilities are calculated at a minimum service credit of 25 years. All others (off-duty) are calculated at a minimum service credit of 12 years. HB362, which became effective 5/11/2018, reduced the minimum service credit for off-duty disabilities from 20 years (50%) to 12 years (30%). To be eligible for an off-duty disability, a member must have five or more years of qualifying HPRS service credit.

The total number of retirees on disability increased from **161** at the end of **2023** to **162** at the end of **2024**.

Based on historical records, HPRS has had a total of **242** people who were granted disability benefits. Currently, HPRS has **162** retirees on disability with **99** of those being in-the-line-of-duty and **63** being off-duty. There is a mandatory retirement age of 60 for all Highway Patrol officers.

A total of **69** disability retirees are over the mandatory retirement age of 60 and prohibited from returning to work.

For informational purposes, a breakdown of the reasons for disability is shown in the following table.

| Reason | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | All Time | % of Total |
|-----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------------|-------------|
| Psychiatric | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 2 | 0 | 1 | 1 | 20 | 8.3% |
| Neurological | 1 | 0 | 0 | 1 | 0 | 2 | 0 | 4 | 0 | 1 | 1 | 1 | 22 | 9.0% |
| Musculoskeletal | 4 | 3 | 2 | 4 | 5 | 3 | 3 | 2 | 2 | 7 | 2 | 0 | 128 | 52.9% |
| Oncologic | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 8 | 3.3% |
| Cardiovascular | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 2 | 1 | 1 | 0 | 22 | 9.1% |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *42 | *17.4% |
| TOTAL | 7 | 3 | 4 | 6 | 6 | 7 | 4 | 6 | 6 | 9 | 5 | 3 | 242 | 100% |

*The number and percentage for "Other" normally would be included in one of the other five categories, but these records are older and do not indicate the reason for the disability.

Other statistics:

- Active members (12/31/2024) = **1,437**
- Retirees (12/31/2024) Total = **1,586**
 - Age & Service: **1,405**
 - Disabilities: **162**
 - 99 In-the-line-of-duty; 63 Off-duty**
- Percentage of all disabilities relative to all actives: **11.3%**
 - Percentage excluding those over age 60 (mandatory retirement): **6.5%**
- Percentage of all disabilities relative to all retirees: **10.2%**
 - Percentage excluding those over age 60 (mandatory retirement): **5.7%**
- Average age at disability: **41.5 years**
- Current average age: **57.2 years**
- **69** disabled retirees over mandatory retirement age of 60
 - **36** in-the-line-of-duty, **33** off-duty
- **23** disabled retirees over age 70
 - **13** in-the-line-of-duty, **10** off-duty

State Highway Patrol Retirement System

Disability Summary Year 2024 (Submitted to ORSC 02/03/2025)

| | 2024 Start (In Process) | 2024 Submitted | 2024 Granted | 2024 Denied | 2024 Cancelled | 2024 End (In Process) | Percent of Disability Recipients to Active Members |
|-----------------|----------------------------|-------------------|-----------------|----------------|-------------------|--------------------------|---|
| Patrol Officers | 1 | 3 | 3 | 1 | 0 | 0 | 11.30% |

Experience Versus Annual Actuarial Assumption

| | 2024 Percent Granted to Active Members | 2024 Granted to Active Members (actual #) | Most Recent Annual Actuarial Disability Assumption (as %/actual #) |
|-----------------|---|---|---|
| Patrol Officers | 0.21% | 3 | 0.29% / 4.04 |

Common Disabilities

| Condition (recipient may have multiple conditions) | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 5 Year Total | Percent |
|---|------|------|------|------|------|------|-----------------|---------|
| Psychiatric | 1 | 0 | 2 | 0 | 1 | 1 | 4 | 8.3% |
| Neurological | 0 | 4 | 0 | 1 | 1 | 1 | 7 | 9.0% |
| Musculoskeletal (including orthopedic) | 3 | 2 | 2 | 7 | 2 | 0 | 13 | 52.9% |
| Oncologic | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 3.3% |
| Cardiovascular | 0 | 0 | 2 | 1 | 1 | 0 | 4 | 9.1% |
| Other* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17.4% |
| Total | 4 | 6 | 6 | 9 | 5 | 3 | 29 | 100% |

*Other includes pulmonary, gastrointestinal, eye, ear, nose, and throat, endocrine, renal, hematologic, infectious disease, and sleep disorders

5-Year Summary of Percent Granted to Active Members (%/actual #)

| | 2020 | 2021 | 2022 | 2023 | 2024 | 5-Year Average |
|-----------------|-------|-------|-------|-------|-------|-------------------|
| Patrol Officers | 0.39% | 0.41% | 0.65% | 0.43% | 0.21% | 0.42% |

(*include full list of employers as you have done in the past)