

**ANNUAL REPORT ON ELECTROCONVULSIVE THERAPY (ECT) IN VERMONT  
July 1, 2021-June 30, 2023 (Fiscal Year 2023)**

**Number and Percentage of Individuals Receiving ECT by Age and Sex**

| Hospital                                           | Total | 0-17      | 18-21     | 22-34       | 35-49       | 50-64       | 65+         | F           | M           |
|----------------------------------------------------|-------|-----------|-----------|-------------|-------------|-------------|-------------|-------------|-------------|
| University of Vermont Medical Center<br>Burlington | 88    | 2<br>2.3% | 1<br>1.1% | 13<br>14.8% | 19<br>21.6% | 31<br>35.2% | 22<br>25.0% | 55<br>62.5% | 33<br>37.5% |
| Veterans Administration<br>White River Junction    | 19    | 0<br>0.0% | 0<br>0.0% | 0<br>0.0%   | 11<br>57.9% | 6<br>31.6%  | 2<br>10.5%  | 3<br>15.8%  | 16<br>84.2% |
| Central Vermont Medical Center<br>Berlin           | 5     | 0<br>0.0% | 0<br>0.0% | 0<br>0.0%   | 0<br>0.0%   | 2<br>40.0%  | 3<br>60.0%  | 3<br>60.0%  | 2<br>40.0%  |
| All hospitals                                      | 112   | 2<br>1.8% | 1<br>0.9% | 13<br>11.6% | 30<br>26.8% | 39<br>34.8% | 27<br>24.1% | 61<br>54.5% | 51<br>45.5% |

**Number and Percentage of ECT Treatments, by Location and Type**

| Hospital                                           | Number of Treatments |                         | Inpatient    |             |           |           |           |           | Outpatient    |             |           |            |           |           |
|----------------------------------------------------|----------------------|-------------------------|--------------|-------------|-----------|-----------|-----------|-----------|---------------|-------------|-----------|------------|-----------|-----------|
|                                                    | Total                | Number of Tx per Person | Unilateral   | Bitemporal  | Bilateral | Bifrontal | LART      | Other     | Unilateral    | Bitemporal  | Bilateral | Bifrontal  | LART      | Other     |
| University of Vermont Medical Center<br>Burlington | 1,799                | 20.4                    | 500<br>27.8% | 26<br>1.4%  | 0<br>0.0% | 0<br>0.0% | 0<br>0.0% | 0<br>0.0% | 1220<br>67.8% | 24<br>1.3%  | 3<br>0.2% | 26<br>1.4% | 0<br>0.0% | 0<br>0.0% |
| Veterans Administration<br>White River Junction    | 134                  | 7.1                     | 61<br>45.5%  | 32<br>23.9% | 0<br>0.0% | 0<br>0.0% | 0<br>0.0% | 0<br>0.0% | 12<br>9.0%    | 29<br>21.6% | 0<br>0.0% | 0<br>0.0%  | 0<br>0.0% | 0<br>0.0% |
| Central Vermont Medical Center<br>Berlin           | 134                  | 26.8                    | 0<br>0.0%    | 0<br>0.0%   | 0<br>0.0% | 0<br>0.0% | 0<br>0.0% | 0<br>0.0% | 134<br>100.0% | 0<br>0.0%   | 0<br>0.0% | 0<br>0.0%  | 0<br>0.0% | 0<br>0.0% |
| All hospitals                                      | 2,067                | 18.5                    | 561<br>27.1% | 58<br>2.8%  | 0<br>0.0% | 0<br>0.0% | 0<br>0.0% | 0<br>0.0% | 1366<br>66.1% | 53<br>2.6%  | 3<br>0.1% | 26<br>1.3% | 0<br>0.0% | 0<br>0.0% |

**Number and Percentage of Individuals Receiving Treatments by Location and Type of Treatment**

| Hospital                                           | Total | Inpat. Only | Outpat. Only | Both        | Unilateral Only | Bitemporal Only | Bilateral Only | Bifrontal Only | LART Only | Other Only | Combination |
|----------------------------------------------------|-------|-------------|--------------|-------------|-----------------|-----------------|----------------|----------------|-----------|------------|-------------|
| University of Vermont Medical Center<br>Burlington | 88    | 12<br>13.6% | 38<br>43.2%  | 38<br>43.2% | 80<br>90.9%     | 0<br>0.0%       | 0<br>0.0%      | 0<br>0.0%      | 0<br>0.0% | 0<br>0.0%  | 8<br>9.1%   |
| Veterans Administration<br>White River Junction    | 19    | 14<br>73.7% | 4<br>21.1%   | 1<br>5.3%   | 10<br>52.6%     | 5<br>26.3%      | 0<br>0.0%      | 0<br>0.0%      | 0<br>0.0% | 0<br>0.0%  | 4<br>21.1%  |
| Central Vermont Medical Center<br>Berlin           | 5     | 0<br>0.0%   | 5<br>100.0%  | 0<br>0.0%   | 5<br>100.0%     | 0<br>0.0%       | 0<br>0.0%      | 0<br>0.0%      | 0<br>0.0% | 0<br>0.0%  | 0<br>0.0%   |
| All hospitals                                      | 112   | 26<br>23.2% | 47<br>42.0%  | 39<br>34.8% | 95<br>84.8%     | 5<br>4.5%       | 0<br>0.0%      | 0<br>0.0%      | 0<br>0.0% | 0<br>0.0%  | 12<br>10.7% |

**Individuals with Some Degree of Memory Impairment  
By Number of Treatments and Treatment Type**

| Hospital      | Memory Impairment During FY | Total | Sum of Treatments in Year |       |     | Treatment Type Status |                 |                |                |           |            |             |
|---------------|-----------------------------|-------|---------------------------|-------|-----|-----------------------|-----------------|----------------|----------------|-----------|------------|-------------|
|               |                             |       | 1-12                      | 13-29 | 30+ | Unilateral Only       | Bitemporal Only | Bilateral Only | Bifrontal Only | LART Only | Other Only | Combination |
| All hospitals | No                          | 22    | 16                        | 4     | 2   | 16                    | 3               | 0              | 0              | 0         | 0          | 3           |
|               | Yes                         | 62    | 17                        | 31    | 14  | 55                    | 0               | 0              | 0              | 0         | 0          | 7           |
|               | Unreported/<br>Missing      | 28    |                           |       |     |                       |                 |                |                |           |            |             |

Based on reports from hospitals to the Vermont Department of Mental Health. The reports contain monthly individual-level summaries for each patient.

A 'No' means no memory impairment recorded after any episode of treatment no matter how many episodes occurred throughout the year for each individual who received ECT Treatment. 'Yes' means at least one recorded memory impairment no matter how many episodes of treatment might have occurred for each individual receiving treatment. For example, if one individual received 12 treatments and experienced memory impairment after one treatment but not after the other 11 treatments, this individual would still be recorded as having some degree of memory impairment for the year.

**ANNUAL REPORT ON ELECTROCONVULSIVE THERAPY (ECT) IN VERMONT**  
**Number and Percentage of Post-Treatment Episode Global Improvement Scale (GIS) Scores**  
**July 1, 2021-June 30, 2023 (Fiscal Year 2023)**

|                       |                                      | Total Episodes Assessed | GIS Scores         |               |                    |                  |                 |              |                 | Not Assessed |
|-----------------------|--------------------------------------|-------------------------|--------------------|---------------|--------------------|------------------|-----------------|--------------|-----------------|--------------|
|                       |                                      |                         | Very much improved | Much improved | Minimally improved | No change        | Minimally worse | Much worse   | Very much worse |              |
|                       |                                      |                         | - 1 -              | - 2 -         | - 3 -              | - 4 -            | - 5 -           | - 6 -        | - 7 -           | - 0 -        |
| <b>Hospital</b>       | University of Vermont Medical Center | <b>518</b>              | 321                | 129           | 60                 | 8                | 0               | 0            | 0               | 2            |
|                       |                                      |                         | 62%                | 25%           | 12%                | 2%               | 0%              | 0%           | 0%              | 0%           |
|                       | Veterans Administration              | <b>11</b>               | 6                  | 5             | 0                  | 0                | 0               | 0            | 0               | 26           |
|                       |                                      |                         | 55%                | 45%           | 0%                 | 0%               | 0%              | 0%           | 0%              | 70%          |
|                       | Central Vermont Medical Center       | <b>134</b>              | 24                 | 49            | 37                 | 22               | 2               | 0            | 0               | 0            |
|                       |                                      |                         | 18%                | 37%           | 28%                | 16%              | 1%              | 0%           | 0%              | 0%           |
| <b>Gender</b>         | Male                                 | <b>246</b>              | 120                | 69            | 50                 | 6                | 1               | 0            | 0               | 16           |
|                       |                                      |                         | 49%                | 28%           | 20%                | 2%               | 0%              | 0%           | 0%              | 6%           |
|                       | Female                               | <b>410</b>              | 225                | 113           | 47                 | 24               | 1               | 0            | 0               | 12           |
|                       |                                      |                         | 55%                | 28%           | 11%                | 6%               | 0%              | 0%           | 0%              | 3%           |
| <b>Age</b>            | 0-17                                 | <b>13</b>               | 9                  | 4             | 0                  | 0                | 0               | 0            | 0               | 0            |
|                       |                                      |                         | 69%                | 31%           | 0%                 | 0%               | 0%              | 0%           | 0%              | 0%           |
|                       | 18-21                                | <b>12</b>               | 1                  | 5             | 6                  | 0                | 0               | 0            | 0               | 0            |
|                       |                                      |                         | 8%                 | 42%           | 50%                | 0%               | 0%              | 0%           | 0%              | 0%           |
|                       | 22-34                                | <b>59</b>               | 33                 | 13            | 12                 | 1                | 0               | 0            | 0               | 0            |
|                       |                                      |                         | 56%                | 22%           | 20%                | 2%               | 0%              | 0%           | 0%              | 0%           |
|                       | 35-49                                | <b>170</b>              | 96                 | 53            | 19                 | 2                | 0               | 0            | 0               | 20           |
|                       |                                      |                         | 56%                | 31%           | 11%                | 1%               | 0%              | 0%           | 0%              | 11%          |
|                       | 50-64                                | <b>262</b>              | 125                | 77            | 34                 | 25               | 1               | 0            | 0               | 7            |
|                       |                                      |                         | 48%                | 29%           | 13%                | 10%              | 0%              | 0%           | 0%              | 3%           |
|                       | 65+                                  | <b>146</b>              | 87                 | 30            | 26                 | 2                | 1               | 0            | 0               | 1            |
|                       |                                      |                         | 60%                | 21%           | 18%                | 1%               | 1%              | 0%           | 0%              | 1%           |
|                       | Unknown                              | <b>0</b>                | 0                  | 0             | 0                  | 0                | 0               | 0            | 0               | 0            |
|                       |                                      |                         | NA                 | NA            | NA                 | NA               | NA              | NA           | NA              | NA           |
| <b>Treatment Type</b> | Unilateral Only                      | <b>636</b>              | 335                | 176           | 93                 | 30               | 2               | 0            | 0               | 13           |
|                       |                                      |                         | 53%                | 28%           | 15%                | 5%               | 0%              | 0%           | 0%              | 2%           |
|                       | Bitemporal Only                      | <b>10</b>               | 4                  | 5             | 1                  | 0                | 0               | 0            | 0               | 12           |
|                       |                                      |                         | 40%                | 50%           | 10%                | 0%               | 0%              | 0%           | 0%              | 55%          |
|                       | Bilateral Only                       | <b>2</b>                | 1                  | 1             | 0                  | 0                | 0               | 0            | 0               | 0            |
|                       |                                      |                         | 50%                | 50%           | 0%                 | 0%               | 0%              | 0%           | 0%              | 0%           |
|                       | Bifrontal Only                       | <b>6</b>                | 6                  | 0             | 0                  | 0                | 0               | 0            | 0               | 0            |
|                       |                                      |                         | 100%               | 0%            | 0%                 | 0%               | 0%              | 0%           | 0%              | 0%           |
|                       | LART Only                            | <b>0</b>                | 0                  | 0             | 0                  | 0                | 0               | 0            | 0               | 0            |
|                       |                                      |                         | NA                 | NA            | NA                 | NA               | NA              | NA           | NA              | NA           |
| Other Only            | <b>0</b>                             | 0                       | 0                  | 0             | 0                  | 0                | 0               | 0            | 0               |              |
|                       |                                      | NA                      | NA                 | NA            | NA                 | NA               | NA              | NA           | NA              |              |
|                       | Combination                          | <b>9</b>                | 5                  | 1             | 3                  | 0                | 0               | 0            | 0               | 3            |
|                       |                                      |                         | 56%                | 11%           | 33%                | 0%               | 0%              | 0%           | 0%              | 25%          |
|                       | <b>Total</b>                         | <b>663</b>              | 351                | 183           | 97                 | 30               | 2               | 0            | 0               | 28           |
|                       |                                      |                         | 53%                | 28%           | 15%                | 5%               | 0%              | 0%           | 0%              | 4%           |
|                       |                                      |                         | <b>Improved</b>    |               |                    | <b>No Change</b> |                 | <b>Worse</b> |                 |              |
|                       |                                      |                         | 631                |               |                    | 30               |                 | 2            |                 |              |
|                       |                                      |                         | 95%                |               |                    | 5%               |                 | 0.3%         |                 |              |

Based on reports from hospitals to the Vermont Department of Mental Health. The reports contain monthly individual-level summaries for each patient.

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July 1, 2021-June 30, 2023 (Fiscal Year 2023)**

**Individuals with Some Degree of Memory Impairment  
By Number of Treatments and Treatment Type**

| Hospital                                           | Memory Impairment During FY | Total | Sum of treatments in Year |       |     | Treatment Type Status |                 |                |                |           |            |             |
|----------------------------------------------------|-----------------------------|-------|---------------------------|-------|-----|-----------------------|-----------------|----------------|----------------|-----------|------------|-------------|
|                                                    |                             |       | 1-12                      | 13-29 | 30+ | Unilateral Only       | Bitemporal Only | Bilateral Only | Bifrontal Only | LART Only | Other Only | Combination |
| University of Vermont Medical Center<br>Burlington | No                          | 13    | 8                         | 3     | 2   | 12                    | 0               | 0              | 0              | 0         | 0          | 1           |
|                                                    | Yes                         | 58    | 15                        | 31    | 12  | 52                    | 0               | 0              | 0              | 0         | 0          | 6           |
| Veterans Administration<br>White River Junction    | No                          | 9     | 8                         | 1     | 0   | 4                     | 3               | 0              | 0              | 0         | 0          | 2           |
|                                                    | Yes                         | 2     | 2                         | 0     | 0   | 1                     | 0               | 0              | 0              | 0         | 0          | 1           |
| Central Vermont Medical Center<br>Berlin           | No                          | 0     | 0                         | 0     | 0   | 0                     | 0               | 0              | 0              | 0         | 0          | 0           |
|                                                    | Yes                         | 2     | 0                         | 0     | 2   | 2                     | 0               | 0              | 0              | 0         | 0          | 0           |
| All hospitals                                      | No                          | 22    | 16                        | 4     | 2   | 16                    | 3               | 0              | 0              | 0         | 0          | 3           |
|                                                    | Yes                         | 62    | 17                        | 31    | 14  | 55                    | 0               | 0              | 0              | 0         | 0          | 7           |

Based on reports from hospitals to the Vermont Department of Mental Health. The reports contain monthly individual-level summaries for each patient.

Note: Central Vermont Medical Center provided no data on Memory Impairment during FY21 or FY22.

A 'No' means no memory impairment recorded after any episode of treatment no matter how many episodes occurred throughout the year for each individual who received ECT Treatment. 'Yes' means at least one recorded memory impairment no matter how many episodes of treatment might have occurred for each individual receiving treatment. For example, if one individual received 12 treatments and experienced memory impairment after one treatment but not after the other 11 treatments, this individual would still be recorded as having some degree of memory impairment for the year.

**REPORT ON ELECTROCONVULSIVE THERAPY (ECT) IN VERMONT  
July 1, 2000-June 30, 2023 (Fiscal Years 2001 - 2023)**

**Number of Individuals Receiving ECT by Gender**

| Hospital                                        |        | Fiscal Year (FY) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------------------------------------------------|--------|------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                                                 |        | 2001             | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
| University of Vermont Medical Center Burlington | Total  | 33               | 43   | 55   | 66   | 79   | 79   | 91   | 87   | 81   | 84   | 92   | 76   | 88   | 98   | 76   | 69   | 59   | 84   | 104  | 90   | 65   | 83   | 88   |
|                                                 | Male   | 11               | 11   | 17   | 20   | 20   | 26   | 33   | 31   | 29   | 23   | 34   | 32   | 33   | 41   | 23   | 27   | 20   | 45   | 47   | 33   | 25   | 37   | 33   |
|                                                 | Female | 22               | 32   | 38   | 46   | 59   | 53   | 58   | 56   | 52   | 61   | 58   | 44   | 55   | 57   | 53   | 42   | 39   | 39   | 57   | 57   | 40   | 46   | 55   |
| Brattleboro Retreat Brattleboro*                | Total  | 0                | 8    | 13   | 6    | 10   | 25   | 30   | 35   | 42   | 22   | 11   | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
|                                                 | Male   | 0                | 1    | 2    | 1    | 2    | 7    | 6    | 15   | 13   | 12   | 5    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
|                                                 | Female | 0                | 7    | 11   | 5    | 8    | 18   | 24   | 20   | 29   | 10   | 6    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| Veterans Administration** White River Junction  | Total  | 13               | 16   | 16   | 23   | 18   | 11   | -    | -    | -    | -    | -    | 14   | 51   | 45   | 44   | 1    | 49   | 45   | 27   | 36   | 13   | 19   |      |
|                                                 | Male   | 12               | 16   | 14   | 21   | 17   | 9    | -    | -    | -    | -    | -    | 12   | 42   | 42   | 41   | 1    | 46   | 37   | 24   | 32   | 9    | 16   |      |
|                                                 | Female | 1                | 0    | 2    | 2    | 1    | 2    | -    | -    | -    | -    | -    | 2    | 9    | 3    | 3    | 0    | 3    | 8    | 3    | 4    | 4    | 3    |      |
| Springfield Hospital Springfield                | Total  | -                | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 3    | -    | -    | -    | -    |
|                                                 | Male   | -                | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 1    | -    | -    | -    | -    |
|                                                 | Female | -                | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 2    | -    | -    | -    | -    |
| Central Vermont Medical Center*** Berlin        | Total  | -                | -    | -    | -    | -    | -    | 6    | 20   | 25   | 17   | 17   | 7    | 2    | 3    | 1    | 1    | 1    | 1    | 6    | 9    | 8    | 5    |      |
|                                                 | Male   | -                | -    | -    | -    | -    | -    | 2    | 8    | 13   | 6    | 10   | 1    | 0    | 0    | 0    | 0    | 0    | 0    | 2    | 3    | 2    | 2    |      |
|                                                 | Female | -                | -    | -    | -    | -    | -    | 4    | 12   | 12   | 11   | 7    | 6    | 2    | 3    | 1    | 1    | 1    | 1    | 4    | 6    | 6    | 3    |      |
| Total                                           | Total  | 46               | 67   | 84   | 95   | 107  | 115  | 121  | 128  | 143  | 131  | 120  | 93   | 109  | 151  | 124  | 114  | 61   | 134  | 153  | 123  | 110  | 104  | 112  |
|                                                 | Male   | 23               | 28   | 33   | 42   | 39   | 42   | 39   | 48   | 50   | 48   | 45   | 42   | 46   | 83   | 65   | 68   | 21   | 91   | 85   | 59   | 60   | 48   | 51   |
|                                                 | Female | 23               | 39   | 51   | 53   | 68   | 73   | 82   | 80   | 93   | 83   | 75   | 51   | 63   | 68   | 59   | 46   | 40   | 43   | 68   | 64   | 50   | 56   | 61   |

**Number of Treatments and Treatments Per Person**

| Hospital                                        |                     | Fiscal Year (FY) |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |       |       |       |       |       |       |
|-------------------------------------------------|---------------------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|
|                                                 |                     | 2001             | 2002  | 2003  | 2004  | 2005  | 2006  | 2007  | 2008  | 2009  | 2010  | 2011  | 2012  | 2013  | 2014  | 2015  | 2016  | 2017 | 2018  | 2019  | 2020  | 2021  | 2022  | 2023  |
| University of Vermont Medical Center Burlington | Treatments          | 500              | 607   | 783   | 1,164 | 1,179 | 1,080 | 1,238 | 1,281 | 1,121 | 1,118 | 1,226 | 1,017 | 1,184 | 1,510 | 924   | 1,183 | 920  | 1,619 | 1,719 | 1,354 | 1,024 | 949   | 1,799 |
|                                                 | Treatments / Person | 15.2             | 14.1  | 14.2  | 17.6  | 14.9  | 13.7  | 13.6  | 14.7  | 13.8  | 13.3  | 13.3  | 13.4  | 13.5  | 15.4  | 12.2  | 17.1  | 15.6 | 19.3  | 16.5  | 15.0  | 15.8  | 11.4  | 20.4  |
| Brattleboro Retreat Brattleboro*                | Treatments          | 244              | 465   | 538   | 419   | 260   | 465   | 350   | 407   | 510   | 209   | 43    | -     | -     | -     | -     | -     | -    | -     | -     | -     | -     | -     | -     |
|                                                 | Treatments / Person | --               | 58.1  | 41.4  | 69.8  | 26.0  | 18.6  | 11.7  | 11.6  | 12.1  | 9.5   | 3.9   | -     | -     | -     | -     | -     | -    | -     | -     | -     | -     | -     | -     |
| Veterans Administration** White River Junction  | Treatments          | 88               | 148   | 178   | 302   | 155   | 75    | 0     | 0     | 0     | 0     | 0     | 46    | 555   | 423   | 441   | 4     | 425  | 397   | 249   | 332   | 80    | 134   |       |
|                                                 | Treatments / Person | 6.8              | 9.3   | 11.1  | 13.1  | 8.6   | 6.8   | -     | -     | -     | -     | -     | 3.3   | 10.9  | 9.4   | 10.0  | 4.0   | 8.7  | 8.8   | 9.2   | 9.2   | 6.2   | 7.1   |       |
| Springfield Hospital Springfield                | Treatments          | -                | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    | -     | 8     | -     | -     | -     | -     |
|                                                 | Treatments / Person | -                | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    | -     | 2.7   | -     | -     | -     | -     |
| Central Vermont Medical Center*** Berlin        | Treatments          | -                | -     | -     | -     | -     | -     | 31    | 214   | 266   | 178   | 124   | 71    | 5     | 18    | 5     | 7     | 7    | 17    | 43    | 111   | 111   | 134   |       |
|                                                 | Treatments / Person | -                | -     | -     | -     | -     | -     | 5.2   | 10.7  | 10.6  | 10.5  | 7.3   | 10.1  | 2.5   | 6.0   | 5.0   | 7.0   | 7.0  | 17.0  | 7.2   | 12.3  | 13.9  | 26.8  |       |
| Total                                           | Treatments          | 832              | 1,220 | 1,499 | 1,885 | 1,594 | 1,620 | 1,588 | 1,719 | 1,845 | 1,593 | 1,447 | 1,141 | 1,301 | 2,070 | 1,365 | 1,629 | 931  | 2,051 | 2,141 | 1,646 | 1,467 | 1,140 | 2,067 |
|                                                 | Treatments / Person | 18.1             | 18.2  | 17.8  | 19.8  | 14.9  | 14.1  | 13.1  | 13.4  | 12.9  | 12.2  | 12.1  | 12.3  | 11.9  | 13.7  | 11.0  | 14.3  | 15.3 | 15.3  | 14.0  | 13.4  | 13.3  | 11.0  | 18.5  |

Based on reports from hospitals to the Vermont Department of Mental Health. The reports contain monthly individual-level summaries for each patient.

\*Brattleboro Retreat discontinued ECT January 2010. FY2011 data represents a partial year of information.

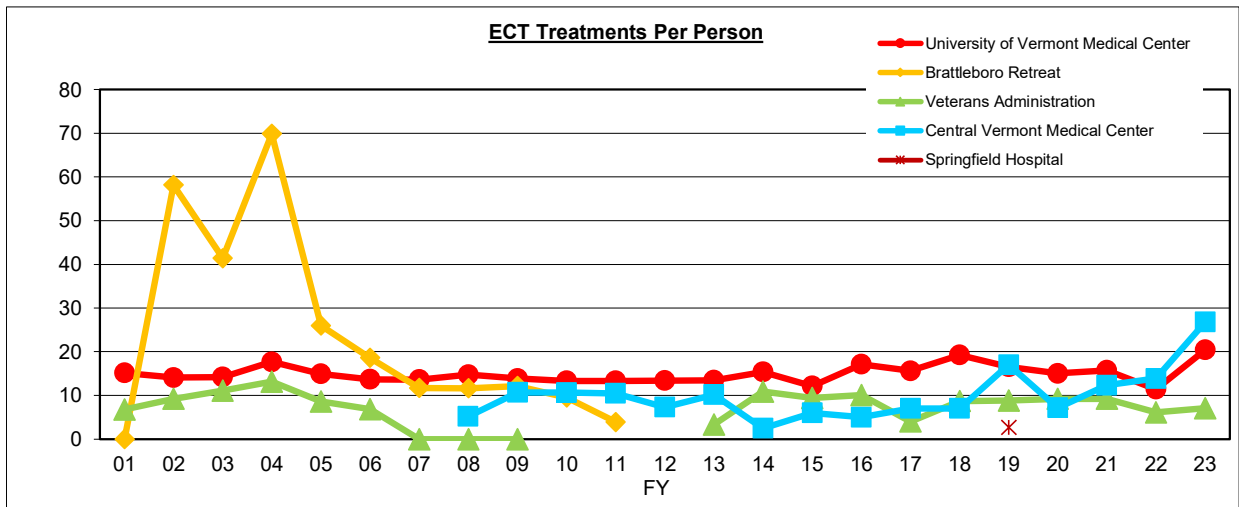
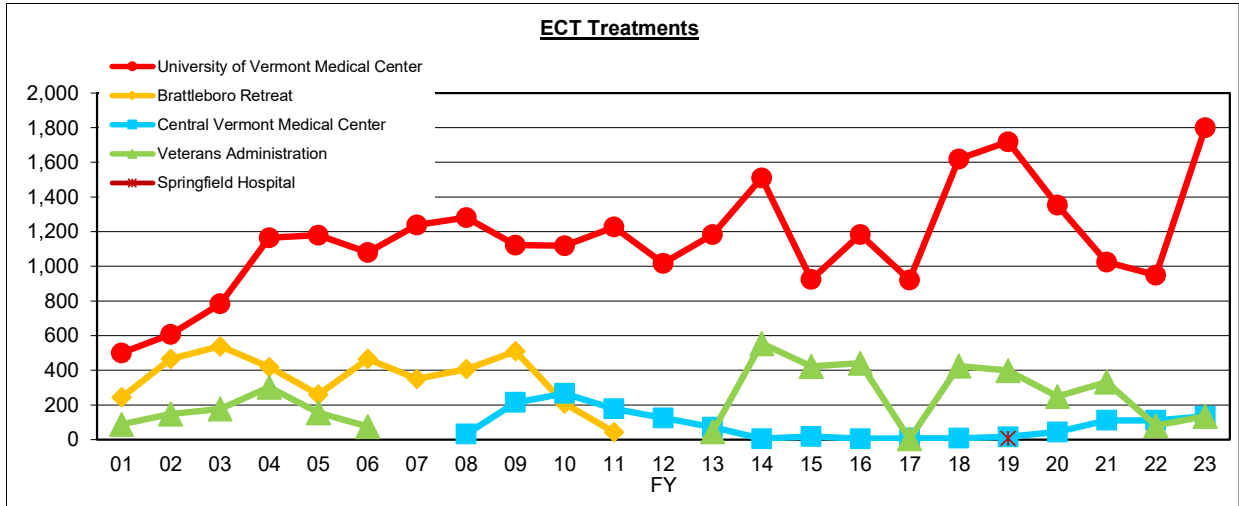
\*\*The Veterans Administration stopped providing data after FY2009 and restarted submitting data in June 2013.

\*\*\*Central Vermont Medical Center did not start providing ECT until April 2008. FY2008 data represents a partial year of information.

# REPORT ON ELECTROCONVULSIVE THERAPY (ECT) IN VERMONT

## July 1, 2000-June 30, 2023 (Fiscal Years 2001 - 2023)

### Number of Treatments and Treatments per Person



Based on reports from hospitals to the Vermont Department of Mental Health. The reports contain monthly individual-level summaries for each patient.

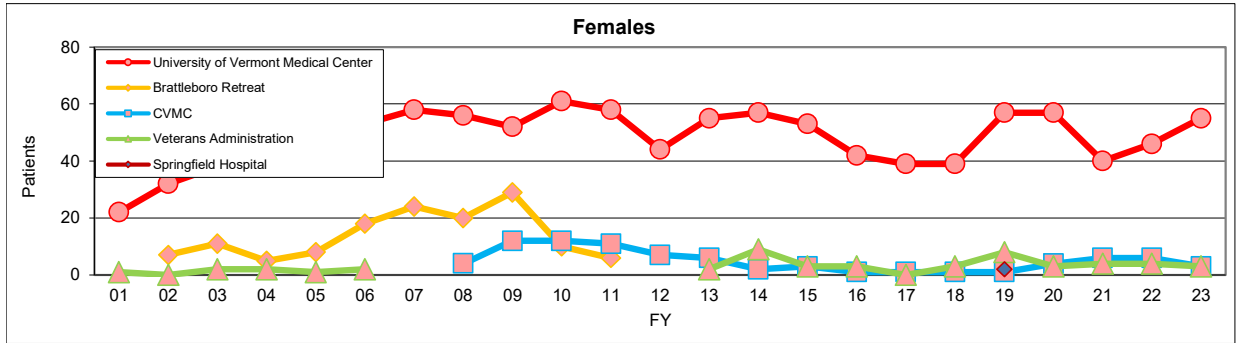
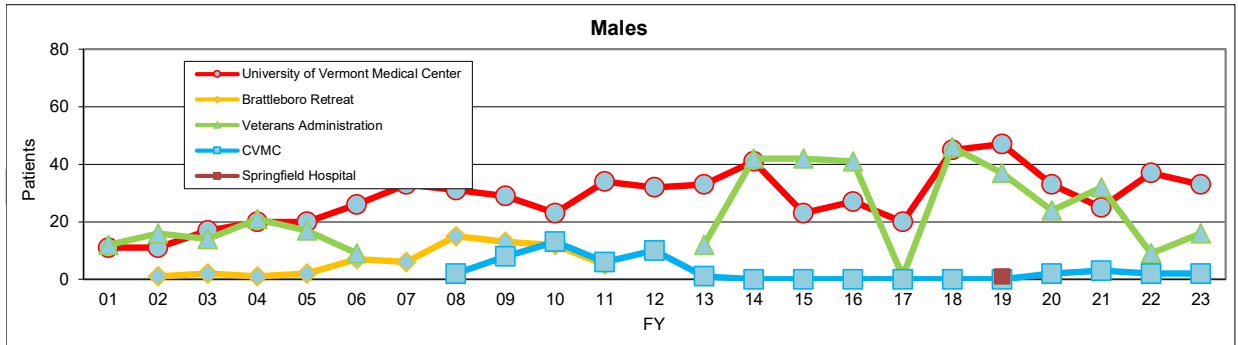
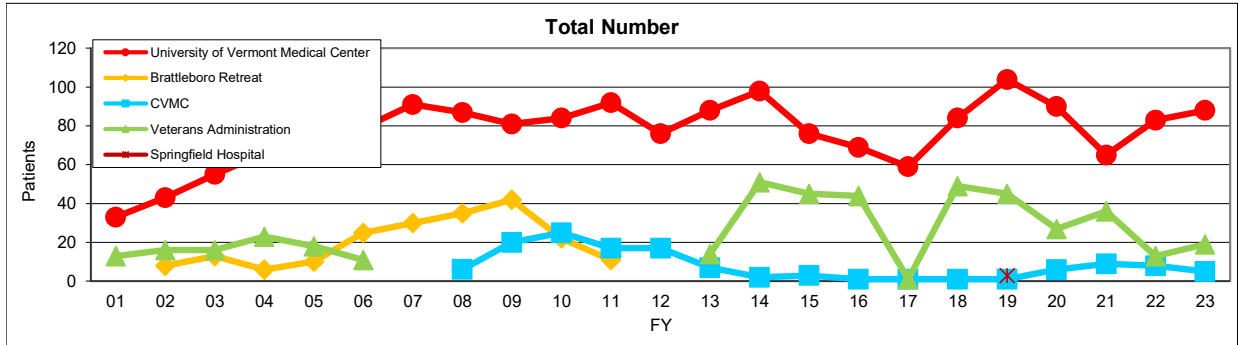
\*Brattleboro Retreat discontinued ECT January 2010. FY2011 data represents a partial year of information.

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\*\*\*Central Vermont Medical Center did not start providing ECT until April 2008. FY2008 data represents a partial year of information.

# REPORT ON ELECTROCONVULSIVE THERAPY (ECT) IN VERMONT July 1, 2000-June 30, 2023 (Fiscal Years 2001 - 2023)

## Number of Individuals Receiving ECT Total and by Gender



Based on reports from hospitals to the Vermont Department of Mental Health. The reports contain monthly individual-level summaries for each patient.

\*Brattleboro Retreat discontinued ECT January 2010. FY2011 data represents a partial year of information.

\*\*The Veterans Administration stopped providing data after FY2009 and restarted submitting data in June 2013.

\*\*\*Central Vermont Medical Center did not start providing ECT until April 2008. FY2008 data represents a partial year of information.

| Hospital             | MMSE<br>Baseline<br>Mean | MMSE Follow-<br>Up<br>Mean | MMSE Improvement |              |           |              |           |              |
|----------------------|--------------------------|----------------------------|------------------|--------------|-----------|--------------|-----------|--------------|
|                      |                          |                            | Improved         |              | Declined  |              | No Change |              |
|                      |                          |                            | Number           | Percentage   | Number    | Percentage   | Number    | Percentage   |
| CVMC                 | 28.2                     | 30.0                       | 2                | 40.0%        | 0         | 0.0%         | 3         | 60.0%        |
| UVM-MC               | 23.5                     | 26.5                       | 33               | 40.7%        | 17        | 21.0%        | 31        | 38.3%        |
| VA                   | 23.7                     | 23.0                       | 1                | 100.0%       | 0         | 0.0%         | 0         | 0.0%         |
| <b>Total (n= 87)</b> | <b>25.1</b>              | <b>26.5</b>                | <b>36</b>        | <b>41.4%</b> | <b>17</b> | <b>19.5%</b> | <b>34</b> | <b>39.1%</b> |

Note: Baseline values are the first reported value for that patient in the reporting period and the "Follow-Up" value are the last reported value for that patient in the reporting period. An improvement constitutes a positive change in score between baseline and follow-up.

| Hospital             | MADRS<br>Baseline<br>Mean | MADRS Follow-<br>Up<br>Mean | MADRS Improvement |              |          |             |           |             |
|----------------------|---------------------------|-----------------------------|-------------------|--------------|----------|-------------|-----------|-------------|
|                      |                           |                             | Improved          |              | Declined |             | No Change |             |
|                      |                           |                             | Number            | Percentage   | Number   | Percentage  | Number    | Percentage  |
| CVMC                 | 30.4                      | 21.8                        | 4                 | 80.0%        | 1        | 20.0%       | 0         | 0.0%        |
| UVM-MC               | 36.2                      | 19.6                        | 73                | 90.1%        | 5        | 6.2%        | 3         | 3.7%        |
| VA                   | 38.2                      | 20.9                        | 7                 | 100.0%       | 0        | 0.0%        | 0         | 0.0%        |
| <b>Total (n= 93)</b> | <b>34.9</b>               | <b>20.7</b>                 | <b>84</b>         | <b>90.3%</b> | <b>6</b> | <b>6.5%</b> | <b>3</b>  | <b>3.2%</b> |

Note: Baseline values are the first reported value for that patient in the reporting period and the "Follow-Up" value are the last reported value for that patient in the reporting period. An improvement constitutes a positive change in score between baseline and follow-up.