

**Table 2A.10.1: Average Length of Hospital Stay (LOS) and Mean Hospital Charges for Low Back and Neck Pain Disorders, by Sex, United States 2013**

| Length of Stay (LOS)                           | All Hospital Discharges |                      |                               | Discharges for Male Sex |                      |                               | Discharges for Female Sex |                      |                               |
|--|-------------------------|----------------------|-------------------------------|-------------------------|----------------------|-------------------------------|---------------------------|----------------------|-------------------------------|
|  | Mean LOS All Discharges | Discharges (in 000s) | Total Hospital Days (in 000s) | Mean LOS All Discharges | Discharges (in 000s) | Total Hospital Days (in 000s) | Mean LOS All Discharges   | Discharges (in 000s) | Total Hospital Days (in 000s) |
| <b>Lumbar/Low Back Pain</b>                    |                         |                      |                               |                         |                      |                               |                           |                      |                               |
| Back Disorders                                 | 4.7                     | 1,782.5              | 8,377.75                      | 4.7                     | 777.5                | 3,654.25                      | 4.7                       | 1,004.8              | 4,722.56                      |
| Disc Disorders                                 | 4.5                     | 553.5                | 2,490.75                      | 4.5                     | 250.4                | 1,126.80                      | 4.5                       | 303.1                | 1,363.95                      |
| Back Injury                                    | 6.8                     | 192.0                | 1,305.60                      | 7.6                     | 88.4                 | 671.84                        | 6.1                       | 103.6                | 631.96                        |
| All Lumbar and Low Back Pain                   | 4.8                     | 2,363.5              | 11,344.80                     | 4.9                     | 1,043.6              | 5,113.64                      | 4.8                       | 1,319.7              | 6,334.56                      |
| Ratio Lumbar Back Pain to All Visits           | 1.04                    |                      |                               | 212.98                  |                      |                               | 1.12                      |                      |                               |
| Proportion Lumbar/Low Back to Total Discharges |                         | 7%                   | 7%                            |                         | 7%                   | 7%                            |                           | 6%                   | 7%                            |
| <b>Cervical/Neck Pain</b>                      |                         |                      |                               |                         |                      |                               |                           |                      |                               |
| Neck Disorders                                 | 4.4                     | 401.7                | 1,767.48                      | 4.6                     | 188.2                | 865.72                        | 4.3                       | 213.5                | 918.05                        |
| Cervical Disc Disorders                        | 3.5                     | 196.0                | 686.00                        | 3.6                     | 91.4                 | 329.04                        | 3.3                       | 104.5                | 344.85                        |
| Neck Injury                                    | 7.2                     | 76.7                 | 552.24                        | 8.0                     | 43.0                 | 344.00                        | 6.2                       | 33.8                 | 209.56                        |
| All Cervical Back Pain                         | 4.6                     | 614.2                | 2,825.32                      | 4.9                     | 293.0                | 1,435.70                      | 4.7                       | 321.1                | 1,509.17                      |
| Ratio Cervical/Neck Pain to All Visits         | 1.00                    |                      |                               | 1.00                    |                      |                               | 1.09                      |                      |                               |
| Proportion Cervical/Neck to Total Discharges   |                         | 2%                   | 2%                            |                         | 2%                   | 2%                            |                           | 2%                   | 2%                            |
| All Back Pain Disorders                        | 4.8                     | 2,977.0              | 14,289.60                     | 4.9                     | 1,306.2              | 6,400.38                      | 4.7                       | 1,670.5              | 7,851.35                      |
| All Hospital Visits                            | 4.6                     | 35,590.6             | 163,716.76                    | 4.9                     | 15,154.2             | 74,255.58                     | 4.3                       | 20,436.4             | 87,876.52                     |
| Ratio Back Pain to All Visits                  | 1.04                    |                      |                               | 1.00                    |                      |                               | 1.09                      |                      |                               |
| Proportion Back Pain of Total Discharges       |                         | 8%                   | 9%                            |                         | 9%                   | 9%                            |                           | 8%                   | 9%                            |

**Table 2A.10.1: Average Length of Hospital Stay (LOS) and Mean Hospital Charges for Low Back and Neck Pain Disorders, by Sex, United States 2013**

| Mean Charges                                | Hospital Discharges [1]        |                         |  | Discharges for Male Sex        |                         |  | Discharges for Female Sex      |                         |  |
|---|--------------------------------|-------------------------|--|--------------------------------|-------------------------|--|--------------------------------|-------------------------|--|
|   | Mean Charges<br>(in \$1, 000s) | Discharges<br>(in 000s) | Total Hospital<br>Charges<br>(in millions) | Mean Charges<br>(in \$1, 000s) | Discharges<br>(in 000s) | Total Hospital<br>Charges<br>(in millions) | Mean Charges<br>(in \$1, 000s) | Discharges<br>(in 000s) | Total Hospital<br>Charges<br>(in millions) |
| <b>Lumbar/Low Back Pain</b>                 |                                |                         |  |                                |                         |  |                                |                         |  |
| Back Disorders                              | \$46.1                         | 1,782.5                 | \$82,173.3                                 | \$48.1                         | 777.5                   | \$37,397.8                                 | \$44.6                         | 1,004.8                 | \$44,814.1                                 |
| Disc Disorders                              | \$61.5                         | 553.5                   | \$34,040.3                                 | \$64.4                         | 250.4                   | \$16,125.8                                 | \$59.2                         | 303.1                   | \$17,943.5                                 |
| Back Injury                                 | \$80.8                         | 192.0                   | \$15,513.6                                 | \$100.4                        | 88.4                    | \$8,875.4                                  | \$64.1                         | 103.6                   | \$6,640.8                                  |
| All Lumbar and Low Back Pain                | \$50.9                         | 2,363.5                 | \$120,302.2                                | \$54.6                         | 1,043.6                 | \$56,980.6                                 | \$48.0                         | 1,319.7                 | \$63,345.6                                 |
| Ratio Lumbar Back Pain to All Visits        | 1.29                           |                         |  | 1.22                           |                         |  | 1.35                           |                         |  |
| Proportion Lumbar/Low Back to Total Charges |                                | 7%                      | 9%   |                                | 7%                      | 8%   |                                | 6%                      | 9%   |
| <b>Cervical/Neck Pain</b>                   |                                |                         |  |                                |                         |  |                                |                         |  |
| Neck Disorders                              | \$52.9                         | 401.7                   | \$21,249.9                                 | \$56.5                         | 188.2                   | \$10,633.3                                 | \$49.7                         | 213.5                   | \$10,611.0                                 |
| Cervical Disc Disorders                     | \$57.8                         | 196.0                   | \$11,328.8                                 | \$61.3                         | 91.4                    | \$5,602.8                                  | \$54.7                         | 104.5                   | \$5,716.2                                  |
| Neck Injury                                 | \$97.4                         | 76.7                    | \$7,470.6                                  | \$112.7                        | 43.0                    | \$4,846.1                                  | \$77.9                         | 33.8                    | \$2,633.0                                  |
| All Cervical Back Pain                      | \$58.6                         | 614.2                   | \$35,992.1                                 | \$64.7                         | 293.0                   | \$18,957.1                                 | \$53.0                         | 321.1                   | \$17,018.3                                 |
| Ratio Cervical/Neck Pain to All Visits      | 1.48                           |                         |  | 1.44                           |                         |  | 1.49                           |                         |  |
| Proportion Cervical/Neck to Total Charges   |                                | 2%                      | 3%   |                                | 2%                      | 3%   |                                | 2%                      | 2%   |
| All Back Pain Disorders                     | \$52.6                         | 2,977.0                 | \$156,590.2                                | \$56.7                         | 1,306.2                 | \$74,061.5                                 | \$49.4                         | 1,670.5                 | \$82,522.7                                 |
| All Hospital Visits                         | \$39.5                         | 35,590.6                | \$1,405,828.7                              | \$44.9                         | 15,154.2                | \$680,423.6                                | \$35.5                         | 20,436.4                | \$725,492.2                                |
| Ratio Back Pain to All Visits               | 1.33                           |                         |  | 1.26                           |                         |  | 1.39                           |                         |  |
| Proportion Back Pain of Total Discharges    |                                | 8%                      | 11%  |                                | 9%                      | 11%  |                                | 8%                      | 11%  |

Source: HCUP National Inpatient Sample (NIS). Healthcare Cost and Utilization Project (HCUP). 2013. Agency for Healthcare Research and Quality, Rockville, MD. [www.hcup-us.ahrq.gov/nisoverview.jsp](http://www.hcup-us.ahrq.gov/nisoverview.jsp)