

**Table 1. Summary of all unique whale events and mortalities observed along the Gulf of Mexico Coast, US East Coast and Atlantic Canadian Provinces, 2006-2010. Determinations of human-caused mortality follow the criteria established by the NEFSC.**

| Species   | Western North Atlantic right whale ( <i>Eubalaena glacialis</i> ) | Gulf of Maine humpback whale ( <i>Megaptera novaeangliae</i> ) | Western North Atlantic fin whale ( <i>Balaenoptera physalus</i> ) | Nova Scotian sei whale ( <i>B.borealis</i> ) | Western North Atlantic blue whale ( <i>B. musculus</i> ) | Canadian East Coast minke whale ( <i>B. acutorostrata</i> ) | Northern Gulf of Mexico Bryde's whale ( <i>B. edeni</i> ) | Unidentified fin/sei whale  | Unidentified balaenopterid <sup>c</sup> | Unidentified whale spp.         | Totals     |
|---|---|--|---|--|--|---|---|-----------------------------|---|---------------------------------|------------|
| Total events <sup>a,b</sup><br>(2006, 2007, 2008, 2009, 2010) | <b>55</b><br>(12, 6, 14, 15, 8)                                   | <b>208</b><br>(49, 37, 47, 42, 33)                             | <b>43</b><br>(9, 13, 6, 8, 7)                                     | <b>12</b><br>(5, 1, 4, 2, 0)                 | <b>1</b><br>(0, 0, 0, 0, 1)                              | <b>112</b><br>(25, 27, 24, 15, 21)                          | <b>2</b><br>(1, 0, 0, 1, 0)                               | <b>4</b><br>(2, 1, 0, 0, 1) | <b>9</b><br>(1, 2, 0, 1, 5)             | <b>54</b><br>(13, 9, 11, 8, 13) | <b>500</b> |
| Total confirmed mortalities                                   | <b>19</b><br>(6, 3, 3, 4, 3)                                      | <b>119</b><br>(33, 21, 27, 21, 17)                             | <b>31</b><br>(7, 8, 5, 5, 6)                                      | <b>10</b><br>(4, 1, 3, 2, 0)                 | <b>1</b><br>(0, 0, 0, 0, 1)                              | <b>79</b><br>(18, 20, 17, 9, 15)                            | <b>2</b><br>(1, 0, 0, 1, 0)                               | <b>3</b><br>(1, 1, 0, 0, 1) | <b>9</b><br>(1, 2, 0, 1, 5)             | <b>40</b><br>(10, 6, 8, 6, 10)  | <b>313</b> |
| Confirmed entanglement mortalities                            | <b>4</b><br>(1, 1, 0, 0, 2)                                       | <b>9</b><br>(1, 1, 2, 2, 3)                                    | <b>2</b><br>(0, 2, 0, 0, 0)                                       | <b>1</b><br>(0, 0, 1, 0, 0)                  | <b>0</b>   | <b>7</b><br>(2, 1, 4, 0, 0)                                 | <b>0</b>  | <b>0</b>                    | <b>0</b>                                | <b>1</b><br>(0, 1, 0, 0, 0)     | <b>24</b>  |
| Confirmed vessel strike mortalities                           | <b>5</b><br>(4, 0, 0, 0, 1)                                       | <b>10</b><br>(3, 3, 1, 0, 3)                                   | <b>6</b><br>(0, 2, 1, 1, 2)                                       | <b>3</b><br>(1, 1, 0, 1, 0)                  | <b>0</b>   | <b>2</b><br>(0, 0, 0, 1, 1)                                 | <b>1</b><br>(0, 0, 0, 1, 0)                               | <b>0</b>                    | <b>0</b>                                | <b>1</b><br>(0, 0, 0, 0, 1)     | <b>28</b>  |
| Confirmed mortalities, NOT vessel strike or entanglement      | <b>5</b><br>(0, 1, 3, 1, 0)                                       | <b>2</b><br>(1, 0, 0, 0, 1)                                    | <b>4</b><br>(0, 0, 2, 1, 1)                                       | <b>0</b>                                     | <b>0</b>   | <b>4</b><br>(1, 1, 0, 1, 1)                                 | <b>1</b><br>(1, 0, 0, 0, 0)                               | <b>0</b>                    | <b>0</b>                                | <b>0</b>                        | <b>16</b>  |
| Confirmed mortalities, IITD <sup>d</sup>                      | <b>5</b><br>(1, 1, 0, 3, 0)                                       | <b>98</b><br>(28, 17, 24, 19, 10)                              | <b>19</b><br>(7, 4, 2, 3, 3)                                      | <b>6</b><br>(3, 0, 2, 1, 0)                  | <b>1</b><br>(0, 0, 0, 0, 1)                              | <b>66</b><br>(15, 18, 13, 7, 13)                            | <b>0</b>  | <b>3</b><br>(1, 1, 0, 0, 1) | <b>9</b><br>(1, 2, 0, 1, 5)             | <b>38</b><br>(10, 5, 8, 6, 9)   | <b>245</b> |

<sup>a</sup> Includes the following types of events : entanglements, vessel strikes, natural causes, and unconfirmed origin or fate. Does not include entrapments.

<sup>b</sup> Excludes resights of previously reported individuals unless a new injury was documented.

<sup>c</sup> Described as having throat grooves (rorqual pleats).

<sup>d</sup> IITD = insufficient information to determine cause of death or if the injury was serious and likely lethal.

**Table 2. Summary of confirmed large whale entanglement events along the Gulf of Mexico Coast, US East Coast and Atlantic Canadian Provinces, 2006-2010. Determinations of human-caused mortality and serious injury follow the criteria established by the NEFSC.**

| Species  | Western North Atlantic right whale ( <i>Eubalaena glacialis</i> ) | Gulf of Maine humpback whale ( <i>Megaptera novaeangliae</i> ) | Western North Atlantic fin whale ( <i>Balaenoptera physalus</i> ) | Nova Scotian sei whale ( <i>B. borealis</i> ) | Western North Atlantic blue whale ( <i>B. musculus</i> ) | Canadian East Coast minke whale ( <i>B. acutorostrata</i> ) | Northern Gulf of Mexico Bryde's whale ( <i>B. edeni</i> ) | Unidentified fin/sei whale  | Unidentified balaenopterid | Unidentified whale spp.     | Totals     |
|--|---|--|---|---|--|---|---|-----------------------------|----------------------------|-----------------------------|------------|
| Confirmed entanglement events (2006, 2007, 2008, 2009, 2010)                   | <b>33</b><br>(5, 4, 10, 8, 6)                                     | <b>101</b><br>(20, 14, 22, 24, 21)                             | <b>15</b><br>(2, 6, 2, 4, 1)                                      | <b>3</b><br>(1, 0, 2, 0, 0)                   | <b>0</b>   | <b>48</b><br>(8, 12, 15, 7, 6)                              | <b>0</b>  | <b>1</b><br>(1, 0, 0, 0, 0) | <b>0</b>                   | <b>5</b><br>(1, 1, 1, 0, 2) | <b>206</b> |
| Confirmed entanglement mortalities   | <b>4</b><br>(1, 1, 0, 0, 2)                                       | <b>9</b><br>(1, 1, 2, 2, 3)                                    | <b>2</b><br>(0, 2, 0, 0, 0)                                       | <b>1</b><br>(0, 0, 1, 0, 0)                   | <b>0</b>   | <b>7</b><br>(2, 1, 4, 0, 0)                                 | <b>0</b>  | <b>0</b>                    | <b>0</b>                   | <b>1</b><br>(0, 1, 0, 0, 0) | <b>24</b>  |
| Confirmed entanglement serious injuries  | <b>5</b><br>(0, 0, 1, 2, 2)                                       | <b>20</b><br>(4, 2, 4, 3, 7)                                   | <b>2</b><br>(1, 1, 0, 0, 0)                                       | <b>2</b><br>(1, 0, 1, 0, 0)                   | <b>0</b>   | <b>4</b><br>(0, 1, 0, 2, 1)                                 | <b>0</b>  | <b>0</b>                    | <b>0</b>                   | <b>0</b>                    | <b>33</b>  |
| Confirmed entanglement events, NOT serious injury/mortality <sup>a</sup>       | <b>21</b><br>(3, 2, 9, 5, 2)                                      | <b>37</b><br>(8, 7, 7, 9, 6)                                   | <b>2</b><br>(0, 1, 1, 0, 0)                                       | <b>0</b>                                      | <b>0</b>   | <b>13</b><br>(4, 3, 1, 2, 3)                                | <b>0</b>  | <b>0</b>                    | <b>0</b>                   | <b>0</b>                    | <b>73</b>  |
| Confirmed entanglement events, IITD <sup>b</sup>                               | <b>2</b><br>(1, 0, 0, 1, 0)                                       | <b>20<sup>c</sup></b><br>(3, 4, 5, 5, 3)                       | <b>6</b><br>(1, 2, 0, 3, 0)                                       | <b>0</b>                                      | <b>0</b>   | <b>14<sup>c</sup></b><br>(2, 3, 6, 2, 1)                    | <b>0</b>  | <b>1</b><br>(1, 0, 0, 0, 0) | <b>0</b>                   | <b>2</b><br>(1, 0, 0, 0, 1) | <b>45</b>  |
| Mortality with evidence of entanglement, but not confirmed as COD <sup>d</sup> | <b>1</b><br>(0, 1, 0, 0, 0)                                       | <b>15</b><br>(3, 1, 4, 5, 2)                                   | <b>3</b><br>(0, 0, 1, 1, 1)                                       | <b>0</b>                                      | <b>0</b>   | <b>10</b><br>(0, 4, 4, 1, 1)                                | <b>0</b>  | <b>0</b>                    | <b>0</b>                   | <b>2</b><br>(0, 0, 1, 0, 1) | <b>31</b>  |

<sup>a</sup> Includes cases where animal shed gear or was disentangled thereby potentially avoiding serious injury.

<sup>b</sup> IITD = insufficient information to determine cause of death or if the injury was serious and likely lethal.

<sup>c</sup> This value includes one event where evidence of both recent entanglement and vessel strike was present, but vessel strike was determined to be the primary cause of injury.

<sup>d</sup> COD = cause of death

**Table 3. Summary of confirmed large whale vessel strike events along the Gulf of Mexico Coast, US East Coast and Atlantic Canadian Provinces, 2006-2010. Determinations of human-caused mortality and serious injury follow the criteria established by the NEFSC.**

| Species   | Western North Atlantic right whale ( <i>Eubalaena glacialis</i> ) | Gulf of Maine humpback whale ( <i>Megaptera novaeangliae</i> ) | Western North Atlantic fin whale ( <i>Balaenoptera physalus</i> ) | Nova Scotian sei whale ( <i>B.borealis</i> ) | Western North Atlantic blue whale ( <i>B. musculus</i> ) | Canadian East Coast minke whale ( <i>B. acutorostrata</i> ) | Northern Gulf of Mexico Bryde's whale ( <i>B. edeni</i> ) | Unidentified fin/sei whale | Unidentified balaenopterid  | Unidentified whale spp.     | Totals    |
|---|---|--|---|--|--|---|---|----------------------------|-----------------------------|-----------------------------|-----------|
| Confirmed vessel strike events (2006, 2007, 2008, 2009, 2010)                   | <b>13</b><br>(6, 1, 1, 3, 2)                                      | <b>21</b><br>(3, 5, 5, 4, 4)                                   | <b>8</b><br>(0, 3, 1, 1, 3)                                       | <b>3</b><br>(1, 1, 0, 1, 0)                  | <b>0</b>   | <b>2</b><br>(0, 0, 0, 1, 1)                                 | <b>1</b><br>(0, 0, 0, 1, 0)                               | <b>0</b>                   | <b>1</b><br>(0, 0, 0, 0, 1) | <b>9</b><br>(3, 2, 1, 2, 1) | <b>58</b> |
| Confirmed vessel strike mortalities   | <b>5</b><br>(4, 0, 0, 0, 1)                                       | <b>10</b><br>(3, 3, 1, 0, 3)                                   | <b>6</b><br>(0, 2, 1, 1, 2)                                       | <b>3</b><br>(1, 1, 0, 1, 0)                  | <b>0</b>   | <b>2</b><br>(0, 0, 0, 1, 1)                                 | <b>1</b><br>(0, 0, 0, 1, 0)                               | <b>0</b>                   | <b>0</b>                    | <b>1</b><br>(0, 0, 0, 0, 1) | <b>28</b> |
| Confirmed vessel strike serious injuries  | <b>1</b><br>(1, 0, 0, 0, 0)                                       | <b>0</b>   | <b>0</b>  | <b>0</b>                                     | <b>0</b>   | <b>0</b>  | <b>0</b>  | <b>0</b>                   | <b>0</b>                    | <b>0</b>                    | <b>1</b>  |
| Confirmed vessel strike events, NOT serious injury/mortality                    | <b>5</b><br>(1, 1, 0, 2, 1)                                       | <b>11<sup>a</sup></b><br>(0, 2, 4, 4, 1)                       | <b>2</b><br>(0, 1, 0, 0, 1)                                       | <b>0</b>                                     | <b>0</b>   | <b>0</b>  | <b>0</b>  | <b>0</b>                   | <b>0</b>                    | <b>0</b>                    | <b>18</b> |
| Confirmed vessel strike events, IITD <sup>b</sup>                               | <b>2<sup>a</sup></b><br>(0, 0, 1, 1, 0)                           | <b>0</b>   | <b>0</b>  | <b>0</b>                                     | <b>0</b>   | <b>0</b>  | <b>0</b>  | <b>0</b>                   | <b>0</b>                    | <b>7</b><br>(2, 2, 1, 2, 0) | <b>9</b>  |
| Mortality with evidence of vessel strike, but not confirmed as COD <sup>c</sup> | <b>0</b>  | <b>0</b>   | <b>0</b>  | <b>0</b>                                     | <b>0</b>   | <b>0</b>  | <b>0</b>  | <b>0</b>                   | <b>1</b><br>(0, 0, 0, 0, 1) | <b>1</b><br>(1, 0, 0, 0, 0) | <b>2</b>  |

<sup>a</sup> This value includes one event where evidence of both recent entanglement and vessel strike was present, but entanglement was determined to be the primary cause of injury.

<sup>b</sup> IITD = insufficient information to determine cause of death or if the injury was serious and likely lethal.

<sup>c</sup> COD = cause of death