**Supplementary Data 3**

Average change for each vessel category for each marine ecoregion. Estimated changes correspond to the difference between April 2020, when more stringent lockdown measures took place globally, and April 2019, as a reference period. Data ordered by increasing absolute change for `All vessels` category.

| Suppl. Data 3. | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Ecoregion** | **Province** | **All vessels** | | **Cargo** | | **Tanker** | | **Passenger** | | **Fishing** | | **Other** | |
| **Absolute change** | **Relative change** | **Absolute change** | **Relative change** | **Absolute change** | **Relative change** | **Absolute change** | **Relative change** | **Absolute change** | **Relative change** | **Absolute change** | **Relative change** |
| (x10-3 vessels/km2) | (%) | (x10-3 vessels/km2) | (%) | (x10-3 vessels/km2) | (%) | (x10-3 vessels/km2) | (%) | (x10-3 vessels/km2) | (%) | (x10-3 vessels/km2) | (%) |
| Puget Trough/Georgia Basin | Cold Temperate Northeast Pacific | -113.19 | -19.1 | -8.32 | -6.7 | 12.59 | 34.1 | -18.57 | -62.0 | -4.42 | -7.6 | -88.52 | -23.4 |
| Alboran Sea | Mediterranean Sea | -110.90 | -12.2 | -40.82 | -6.9 | 21.61 | 8.7 | -21.03 | -68.9 | 0.15 | 1.6 | -63.86 | -61.7 |
| North Sea | Northern European Seas | -83.17 | -10.9 | -14.34 | -3.7 | -0.97 | -0.5 | -6.43 | -39.0 | -5.50 | -11.0 | -52.93 | -33.8 |
| Western Mediterranean | Mediterranean Sea | -68.64 | -20.3 | -20.32 | -10.6 | 4.35 | 5.7 | -11.64 | -63.2 | -3.47 | -32.5 | -33.94 | -69.1 |
| South European Atlantic Shelf | Lusitanian | -63.87 | -14.6 | -25.70 | -10.0 | 0.90 | 0.9 | -5.72 | -51.8 | -4.02 | -13.5 | -26.70 | -53.5 |
| Adriatic Sea | Mediterranean Sea | -62.88 | -21.2 | -17.45 | -11.1 | -8.91 | -13.2 | -15.25 | -67.8 | -7.33 | -23.5 | -23.26 | -53.5 |
| Western India | West and South Indian Shelf | -62.84 | -28.4 | -26.61 | -26.4 | -27.51 | -27.3 | -2.07 | -47.5 | -5.19 | -53.6 | -4.22 | -23.8 |
| Malacca Strait | Sunda Shelf | -53.38 | -4.3 | -54.48 | -7.5 | 9.57 | 2.2 | -4.45 | -32.0 | -7.94 | -24.2 | -16.60 | -13.6 |
| Southern Vietnam | Sunda Shelf | -47.63 | -27.3 | -24.14 | -29.2 | -0.59 | -4.5 | -0.66 | -12.4 | 11.54 | 8.6 | 3.89 | 11.6 |
| Rio de la Plata | Warm Temperate Southwestern Atlantic | -43.88 | -14.3 | -58.61 | -18.4 | 1.55 | 2.8 | -1.08 | -21.1 | -2.91 | -13.0 | -20.05 | -40.1 |
| Celtic Seas | Northern European Seas | -43.52 | -16.4 | -6.89 | -5.1 | 0.14 | 0.2 | -3.72 | -33.2 | -6.50 | -19.3 | -22.43 | -48.6 |
| Gulf of Oman | Somali/Arabian | -43.05 | -12.1 | -10.85 | -8.1 | -28.29 | -13.0 | -5.23 | -69.7 | 0.85 | 37.7 | -2.38 | -11.3 |
| Baltic Sea | Northern European Seas | -37.80 | -7.1 | -21.97 | -6.3 | 10.04 | 8.3 | -3.88 | -25.2 | -5.65 | -24.3 | -13.44 | -19.8 |
| Ionian Sea | Mediterranean Sea | -32.93 | -7.3 | -24.68 | -8.4 | 10.05 | 8.1 | -4.99 | -48.4 | -1.48 | -21.4 | -14.00 | -43.6 |
| Northern Norway and Finnmark | Northern European Seas | -26.81 | -10.5 | -1.49 | -2.0 | -9.19 | -20.4 | -13.89 | -53.4 | -11.45 | -9.6 | -2.59 | -7.0 |
| Floridian | Tropical Northwestern Atlantic | -26.40 | -17.6 | 6.29 | 19.9 | -0.04 | -0.3 | -2.78 | -26.5 | 0.34 | 3.8 | -26.84 | -26.4 |
| Southern Norway | Northern European Seas | -25.96 | -7.6 | -3.69 | -2.5 | -2.76 | -5.6 | -14.30 | -54.6 | -3.21 | -4.5 | -8.39 | -11.7 |
| Eastern Caribbean | Tropical Northwestern Atlantic | -25.89 | -37.5 | -1.53 | -7.5 | -0.59 | -4.2 | -3.12 | -55.9 | -0.66 | -21.2 | -21.39 | -68.6 |
| Carolinian | Warm Temperate Northwest Atlantic | -25.60 | -19.6 | -7.17 | -10.7 | 2.24 | 21.0 | -1.10 | -28.0 | -0.14 | -3.3 | -17.93 | -32.6 |
| Virginian | Cold Temperate Northwest Atlantic | -25.28 | -15.3 | -4.51 | -6.0 | -4.25 | -16.3 | -0.57 | -8.6 | 0.43 | 1.2 | -8.73 | -16.9 |
| Aegean Sea | Mediterranean Sea | -23.87 | -4.8 | 3.07 | 0.9 | 0.74 | 0.7 | -7.40 | -51.4 | -4.48 | -30.2 | -16.63 | -37.6 |
| Manning-Hawkesbury | East Central Australian Shelf | -21.27 | -21.2 | -5.04 | -8.3 | -1.03 | -8.9 | -1.98 | -30.4 | -0.22 | -7.3 | -16.89 | -45.4 |
| Bahamian | Tropical Northwestern Atlantic | -21.22 | -21.9 | -4.39 | -9.0 | -0.91 | -3.5 | -2.56 | -25.9 | -0.39 | -16.5 | -11.69 | -57.0 |
| Tweed-Moreton | East Central Australian Shelf | -18.76 | -18.2 | -1.73 | -2.8 | 1.18 | 11.2 | 0.82 | 21.5 | -0.56 | -11.2 | -11.85 | -37.9 |
| Northeastern New Zealand | Northern New Zealand | -18.29 | -38.2 | -7.52 | -24.7 | 0.14 | 2.2 | -1.11 | -28.7 | -0.81 | -15.1 | -10.57 | -58.4 |
| Gulf of Guinea Upwelling | Gulf of Guinea | -17.77 | -21.9 | -8.31 | -20.1 | -4.64 | -18.8 | -0.45 | -23.1 | -1.15 | -12.4 | -2.59 | -34.0 |
| Andaman Sea Coral Coast | Andaman | -15.77 | -19.0 | -6.14 | -12.3 | -1.07 | -6.0 | -4.33 | -52.1 | -1.82 | -23.2 | -10.00 | -53.2 |
| Eastern Philippines | Western Coral Triangle | -14.55 | -13.8 | -11.18 | -13.6 | -1.73 | -9.7 | -0.70 | -12.0 | -1.79 | -48.7 | -0.56 | -8.1 |
| Patagonian Shelf | Magellanic | -14.20 | -28.8 | 0.78 | 5.0 | -1.32 | -20.8 | -0.34 | -15.6 | -10.65 | -40.2 | -1.72 | -28.1 |
| Channels and Fjords of Southern Chile | Magellanic | -13.48 | -30.9 | 2.19 | 9.9 | -1.96 | -18.3 | -0.81 | -14.4 | -22.93 | -84.6 | -2.32 | -23.1 |
| North Patagonian Gulfs | Magellanic | -13.33 | -34.3 | -0.18 | -2.2 | -0.29 | -4.4 | -0.07 | -3.7 | -12.75 | -48.3 | -1.25 | -26.3 |
| Palawan/North Borneo | Western Coral Triangle | -13.10 | -9.8 | -12.01 | -11.2 | -2.68 | -11.9 | -0.89 | -31.4 | -0.00 | -0.0 | 0.28 | 2.9 |
| Cape Howe | Southeast Australian Shelf | -12.97 | -20.8 | -7.59 | -16.3 | -0.38 | -3.5 | 1.95 | 68.9 | 0.24 | 7.6 | -14.18 | -67.0 |
| South Kuroshio | South Kuroshio | -12.83 | -10.2 | -8.04 | -9.9 | -3.16 | -8.9 | -1.23 | -29.5 | 0.62 | 13.2 | -1.04 | -16.2 |
| Sunda Shelf/Java Sea | Sunda Shelf | -12.57 | -6.8 | -12.44 | -11.0 | -3.68 | -6.6 | 0.02 | 0.4 | 0.85 | 28.5 | 2.62 | 12.8 |
| Central Peru | Warm Temperate Southeastern Pacific | -12.28 | -21.7 | -4.00 | -11.1 | 0.19 | 1.5 | -0.00 | -0.1 | -4.45 | -63.3 | -3.41 | -51.7 |
| South China Sea Oceanic Islands | South China Sea | -12.17 | -20.0 | -8.46 | -22.3 | -3.41 | -13.9 | 0.24 | 17.5 | 0.97 | 64.5 | -0.07 | -2.9 |
| Gulf of Tonkin | South China Sea | -11.35 | -3.2 | -2.06 | -1.5 | -0.71 | -2.1 | 2.35 | 42.3 | -12.20 | -7.9 | 5.97 | 7.3 |
| Saharan Upwelling | Lusitanian | -11.25 | -5.2 | -8.60 | -5.9 | 2.89 | 5.2 | -2.70 | -41.2 | 0.71 | 12.6 | -3.23 | -22.1 |
| Arabian (Persian) Gulf | Somali/Arabian | -11.22 | -3.0 | -6.24 | -4.8 | 4.66 | 2.7 | -1.19 | -20.0 | 10.86 | 99.7 | -5.33 | -5.7 |
| Oyashio Current | Cold Temperate Northwest Pacific | -11.15 | -10.6 | -7.26 | -9.2 | -0.36 | -4.3 | -0.12 | -5.3 | -5.51 | -23.1 | -0.97 | -17.6 |
| Cortezian | Warm Temperate Northeast Pacific | -11.04 | -27.5 | 2.48 | 24.1 | -3.95 | -36.6 | -2.99 | -54.2 | -0.64 | -13.5 | -8.76 | -38.0 |
| Houtman | West Central Australian Shelf | -10.78 | -18.0 | -1.00 | -2.9 | -1.05 | -11.6 | -0.14 | -3.6 | -1.10 | -26.0 | -8.32 | -48.3 |
| West Caroline Islands | Tropical Northwestern Pacific | -10.77 | -27.4 | -2.85 | -11.4 | 0.20 | 5.1 | 1.98 | 150.7 | -1.71 | -32.4 | -7.29 | -69.4 |
| Eastern India | Bay of Bengal | -10.61 | -18.0 | -4.42 | -11.6 | -1.75 | -10.7 | -0.77 | -29.6 | -0.95 | -31.8 | -1.00 | -18.4 |
| Bermuda | Tropical Northwestern Atlantic | -10.22 | -20.8 | -3.68 | -14.6 | -3.03 | -16.8 | -1.89 | -53.0 | -0.31 | -17.4 | -1.43 | -32.6 |
| Eastern Galapagos Islands | Galapagos | -10.18 | -50.9 | -0.42 | -6.7 | 0.11 | 5.7 | -32.13 | -88.0 | -2.45 | -39.9 | -5.57 | -65.1 |
| Uruguay-Buenos Aires Shelf | Warm Temperate Southwestern Atlantic | -9.81 | -12.8 | -2.01 | -4.8 | 0.95 | 10.0 | 0.14 | 6.5 | -4.31 | -19.2 | -2.90 | -40.0 |
| Southern Caribbean | Tropical Northwestern Atlantic | -9.77 | -12.6 | -2.21 | -5.5 | -1.48 | -5.4 | -1.35 | -42.9 | -0.21 | -5.8 | -3.03 | -38.6 |
| Chiloense | Magellanic | -9.76 | -21.5 | -0.61 | -2.5 | 1.04 | 23.2 | -0.52 | -9.0 | -8.54 | -66.6 | -1.65 | -14.9 |
| Tunisian Plateau/Gulf of Sidra | Mediterranean Sea | -9.58 | -17.9 | -3.82 | -11.6 | -2.89 | -16.2 | 0.66 | 36.1 | -1.70 | -37.5 | -2.36 | -40.1 |
| Northern Gulf of Mexico | Warm Temperate Northwest Atlantic | -9.37 | -5.6 | -5.24 | -9.6 | 3.82 | 5.7 | -1.44 | -17.5 | 0.38 | 1.9 | -2.80 | -5.5 |
| Three Kings-North Cape | Northern New Zealand | -9.06 | -32.2 | -6.48 | -30.5 | -0.51 | -15.4 | -0.56 | -26.7 | 0.10 | 3.6 | -0.95 | -25.9 |
| Gulf of St. Lawrence - Eastern Scotian Shelf | Cold Temperate Northwest Atlantic | -8.84 | -11.9 | 1.70 | 3.0 | -8.49 | -35.5 | -0.23 | -8.0 | -0.63 | -10.2 | 1.14 | 17.7 |
| Guayaquil | Tropical East Pacific | -8.82 | -16.1 | -5.05 | -14.1 | -1.98 | -14.7 | 0.24 | 13.7 | 0.20 | 5.6 | -1.40 | -26.3 |
| Gulf of Guinea West | Gulf of Guinea | -8.39 | -8.4 | -2.57 | -4.4 | -5.18 | -17.4 | -0.12 | -5.8 | 0.47 | 7.5 | -0.37 | -5.8 |
| Western Caribbean | Tropical Northwestern Atlantic | -8.33 | -17.5 | -0.84 | -3.1 | 1.18 | 10.8 | -7.65 | -73.6 | -0.01 | -0.8 | -1.25 | -23.6 |
| Araucanian | Warm Temperate Southeastern Pacific | -8.32 | -22.8 | -1.40 | -7.8 | 1.32 | 25.0 | -0.84 | -32.2 | -2.15 | -15.8 | 2.33 | 57.6 |
| Azores Canaries Madeira | Lusitanian | -8.21 | -10.7 | -3.09 | -7.0 | -0.11 | -0.6 | -1.88 | -36.3 | -0.33 | -9.3 | -3.03 | -31.0 |
| Greater Antilles | Tropical Northwestern Atlantic | -8.12 | -7.5 | -0.81 | -1.5 | 1.29 | 3.1 | -4.94 | -65.2 | -0.01 | -0.8 | -3.51 | -31.8 |
| Bassian | Southeast Australian Shelf | -8.00 | -24.8 | -0.45 | -2.0 | -0.16 | -2.1 | 1.33 | 39.3 | -0.03 | -1.0 | -9.57 | -55.4 |
| Northern Grand Banks - Southern Labrador | Arctic | -7.97 | -47.4 | 0.40 | 8.3 | -4.24 | -53.5 | -0.30 | -7.8 | -7.93 | -66.7 | 0.97 | 17.0 |
| Faroe Plateau | Northern European Seas | -7.54 | -11.9 | -2.06 | -9.0 | -0.98 | -14.3 | 0.18 | 4.9 | -2.84 | -7.9 | -0.94 | -11.3 |
| Bismarck Sea | Eastern Coral Triangle | -7.47 | -10.7 | -4.96 | -9.3 | -0.52 | -6.7 | 2.39 | 125.9 | -0.69 | -8.7 | -1.80 | -35.7 |
| Levantine Sea | Mediterranean Sea | -6.95 | -2.8 | -10.93 | -6.2 | 10.93 | 17.7 | -0.96 | -21.3 | 3.31 | 95.8 | -6.80 | -36.2 |
| Gulf of Alaska | Cold Temperate Northeast Pacific | -6.75 | -12.2 | 0.66 | 1.6 | -0.27 | -4.3 | 0.03 | 0.7 | -4.83 | -28.5 | -3.39 | -22.6 |
| Gulf of Maine/Bay of Fundy | Cold Temperate Northwest Atlantic | -6.69 | -12.6 | 1.36 | 6.5 | -1.78 | -12.2 | 0.00 | 0.1 | -0.93 | -6.8 | -1.57 | -14.6 |
| Northern Bay of Bengal | Bay of Bengal | -6.61 | -11.8 | -2.99 | -7.5 | -3.00 | -18.6 | -0.17 | -9.9 | 0.54 | 38.4 | -0.78 | -14.7 |
| Central New Zealand | Southern New Zealand | -6.09 | -25.8 | -4.03 | -23.1 | -1.81 | -28.5 | -0.07 | -2.2 | -0.58 | -8.9 | -2.22 | -34.4 |
| Western Galapagos Islands | Galapagos | -5.99 | -45.0 | -2.04 | -37.4 | -0.25 | -14.4 | -19.40 | -90.1 | 0.61 | 24.1 | -3.81 | -55.6 |
| South and West Iceland | Northern European Seas | -5.81 | -10.1 | -1.19 | -6.2 | -0.95 | -14.8 | -2.03 | -32.4 | -1.92 | -5.5 | -0.64 | -4.9 |
| Panama Bight | Tropical East Pacific | -5.42 | -8.0 | 2.85 | 6.8 | -1.48 | -6.1 | 0.16 | 5.4 | 0.59 | 18.5 | -1.94 | -20.7 |
| Sea of Japan/East Sea | Cold Temperate Northwest Pacific | -5.33 | -2.9 | -1.03 | -0.8 | 0.94 | 2.9 | -0.95 | -20.2 | -1.21 | -6.4 | -1.16 | -8.5 |
| Central and Southern Great Barrier Reef | Northeast Australian Shelf | -4.83 | -5.6 | -15.45 | -15.2 | 5.25 | 22.9 | -2.64 | -52.0 | -1.43 | -28.9 | 0.49 | 2.8 |
| Southern Gulf of Mexico | Tropical Northwestern Atlantic | -4.66 | -4.4 | -1.37 | -3.1 | -0.80 | -1.5 | -0.03 | -0.5 | 0.01 | 0.8 | -0.29 | -3.1 |
| Southwestern Caribbean | Tropical Northwestern Atlantic | -4.59 | -5.7 | -1.26 | -2.5 | 0.77 | 3.0 | -1.37 | -39.6 | 0.66 | 24.5 | -1.86 | -29.7 |
| Humboldtian | Warm Temperate Southeastern Pacific | -4.54 | -13.3 | -1.30 | -5.8 | -0.89 | -11.7 | -0.27 | -16.3 | -2.25 | -43.9 | -0.72 | -17.6 |
| Marquesas | Marquesas | -4.49 | -43.1 | 0.15 | 8.1 | 0.09 | 6.9 | -0.45 | -25.6 | -1.94 | -36.8 | -5.27 | -54.8 |
| Lord Howe and Norfolk Islands | Lord Howe and Norfolk Islands | -4.45 | -31.7 | -2.75 | -26.2 | -0.75 | -27.0 | -1.11 | -42.2 | -0.55 | -26.0 | -0.13 | -5.5 |
| Eastern Bering Sea | Arctic | -4.44 | -13.2 | 16.07 | 47.3 | -2.60 | -37.2 | 1.73 | 76.3 | -3.20 | -17.0 | 1.21 | 19.8 |
| Andaman and Nicobar Islands | Andaman | -4.40 | -4.6 | -3.50 | -6.0 | 1.42 | 3.8 | -1.16 | -40.2 | 1.64 | 37.8 | -0.22 | -4.1 |
| Society Islands | Southeast Polynesia | -4.27 | -42.0 | -0.22 | -7.2 | -0.02 | -1.3 | -1.35 | -42.0 | -0.27 | -10.3 | -3.03 | -37.5 |
| Western Bassian | Southeast Australian Shelf | -4.15 | -11.9 | -3.18 | -11.2 | -1.71 | -17.9 | 2.41 | 129.1 | -0.06 | -3.1 | -1.57 | -30.3 |
| Southeast Papua New Guinea | Eastern Coral Triangle | -4.13 | -14.4 | 0.76 | 5.8 | -0.53 | -6.9 | 0.71 | 52.8 | -1.83 | -35.6 | -2.99 | -39.9 |
| North and East Iceland | Arctic | -4.01 | -18.4 | 0.96 | 10.1 | -0.69 | -13.4 | -1.18 | -26.0 | -2.63 | -19.4 | -1.72 | -15.8 |
| Magdalena Transition | Warm Temperate Northeast Pacific | -3.95 | -4.4 | 4.57 | 7.7 | -2.55 | -10.3 | -1.98 | -27.6 | -1.66 | -53.8 | -2.51 | -19.1 |
| Bonaparte Coast | Sahul Shelf | -3.92 | -26.8 | -0.44 | -8.9 | -0.25 | -5.3 | -1.38 | -40.8 | -0.73 | -17.4 | -1.80 | -29.6 |
| Fiji Islands | Tropical Southwestern Pacific | -3.90 | -30.6 | 0.05 | 1.6 | 0.19 | 8.9 | 0.35 | 15.7 | -2.41 | -32.1 | -0.40 | -9.8 |
| Tristan Gough | Tristan Gough | -3.88 | -24.2 | 1.43 | 12.4 | -0.46 | -16.6 | NA | NA | -2.13 | -41.8 | -0.45 | -15.4 |
| St. Helena and Ascension Islands | St. Helena and Ascension Islands | -3.86 | -47.8 | -0.42 | -12.4 | -0.65 | -29.3 | -0.03 | -2.2 | 0.42 | 25.6 | -4.18 | -61.5 |
| Southern California Bight | Warm Temperate Northeast Pacific | -3.85 | -5.2 | 2.14 | 5.2 | -1.30 | -8.1 | -0.68 | -8.9 | -0.78 | -18.8 | -1.14 | -5.1 |
| Sao Pedro and Sao Paulo Islands | Tropical Southwestern Atlantic | -3.81 | -12.9 | -1.99 | -9.1 | -1.25 | -23.3 | 0.59 | 30.1 | 0.68 | 49.7 | -0.26 | -11.4 |
| Eastern Brazil | Tropical Southwestern Atlantic | -3.74 | -4.6 | -3.13 | -5.8 | 0.45 | 2.3 | 0.19 | 9.0 | -0.37 | -16.3 | -0.66 | -5.1 |
| North American Pacific Fijordland | Cold Temperate Northeast Pacific | -3.62 | -7.3 | 2.02 | 13.1 | 0.05 | 1.0 | -6.67 | -57.4 | 1.44 | 9.3 | -2.38 | -9.9 |
| Kamchatka Shelf and Coast | Cold Temperate Northwest Pacific | -3.59 | -8.2 | -8.00 | -24.1 | 0.39 | 7.8 | 0.73 | 31.5 | 2.58 | 12.1 | -0.56 | -14.9 |
| South Australian Gulfs | Southwest Australian Shelf | -3.44 | -13.7 | -2.91 | -13.9 | -0.32 | -5.7 | 0.09 | 3.9 | 0.57 | 21.2 | -1.92 | -25.6 |
| New Caledonia | Tropical Southwestern Pacific | -3.42 | -22.8 | -2.27 | -22.0 | -0.76 | -24.8 | -1.69 | -52.6 | -0.02 | -0.6 | -0.33 | -10.7 |
| Aleutian Islands | Cold Temperate Northeast Pacific | -3.41 | -6.0 | -2.89 | -5.0 | 0.09 | 2.2 | 0.37 | 18.2 | -1.21 | -9.3 | 0.50 | 12.2 |
| Mascarene Islands | Western Indian Ocean | -3.36 | -3.9 | -0.13 | -0.2 | -0.05 | -0.3 | -0.48 | -25.6 | -0.89 | -16.0 | -1.46 | -35.4 |
| South New Zealand | Southern New Zealand | -3.02 | -19.6 | -2.87 | -23.3 | -0.36 | -9.3 | -2.72 | -46.5 | 1.80 | 21.5 | -0.20 | -5.7 |
| Papua | Western Coral Triangle | -3.02 | -10.3 | -2.16 | -11.2 | 0.01 | 0.3 | -3.64 | -59.4 | 0.66 | 51.0 | 0.09 | 1.5 |
| Cape Verde | West African Transition | -2.95 | -9.1 | -2.63 | -12.0 | -0.21 | -3.9 | 0.10 | 3.9 | 0.65 | 26.1 | -0.29 | -9.6 |
| South India and Sri Lanka | West and South Indian Shelf | -2.94 | -1.2 | -19.62 | -14.8 | 8.55 | 8.8 | -1.72 | -40.5 | 9.62 | 48.6 | 2.51 | 15.9 |
| Gulf of Guinea Islands | Gulf of Guinea | -2.89 | -9.7 | -2.14 | -15.4 | 0.20 | 1.5 | 0.45 | 28.0 | -0.14 | -7.8 | -0.41 | -14.8 |
| Southeast Madagascar | Western Indian Ocean | -2.79 | -2.8 | -3.00 | -3.7 | 4.24 | 23.5 | -0.64 | -27.3 | -1.13 | -30.6 | -1.55 | -38.3 |
| Solomon Sea | Eastern Coral Triangle | -2.74 | -3.9 | -4.86 | -7.9 | -0.35 | -3.6 | 3.64 | 201.4 | 0.07 | 1.8 | -1.22 | -20.4 |
| Fernando de Naronha and Atoll das Rocas | Tropical Southwestern Atlantic | -2.69 | -5.8 | -1.69 | -5.6 | 0.11 | 0.9 | 0.79 | 44.3 | -0.50 | -22.6 | -0.66 | -18.9 |
| Chiapas-Nicaragua | Tropical East Pacific | -2.59 | -4.0 | 0.62 | 1.3 | 1.07 | 6.9 | -1.19 | -37.2 | 0.14 | 7.5 | -1.98 | -42.0 |
| Namib | Benguela | -2.51 | -4.8 | -2.77 | -13.2 | 6.17 | 32.6 | -0.69 | -32.8 | -1.97 | -23.0 | -3.23 | -48.1 |
| Central Chile | Warm Temperate Southeastern Pacific | -2.39 | -7.8 | -3.39 | -14.2 | 0.69 | 11.4 | 0.27 | 17.2 | 3.66 | 243.9 | -0.57 | -16.1 |
| Northern California | Cold Temperate Northeast Pacific | -2.36 | -3.4 | 1.77 | 4.5 | 1.41 | 9.9 | -2.87 | -51.6 | 3.13 | 53.5 | -3.83 | -22.1 |
| Northeastern Honshu | Cold Temperate Northwest Pacific | -2.28 | -1.0 | 0.61 | 0.4 | -3.67 | -8.1 | -1.77 | -20.7 | 0.50 | 2.6 | 0.87 | 5.9 |
| Bight of Sofala/Swamp Coast | Western Indian Ocean | -2.11 | -4.3 | -1.29 | -4.3 | 4.95 | 35.4 | NA | NA | -0.96 | -25.3 | -5.63 | -67.3 |
| Sahelian Upwelling | West African Transition | -1.96 | -1.8 | -5.80 | -8.5 | -1.73 | -5.9 | -0.80 | -28.2 | 1.79 | 18.8 | 1.03 | 11.5 |
| Trindade and Martin Vaz Islands | Tropical Southwestern Atlantic | -1.95 | -26.9 | -1.53 | -25.3 | -0.28 | -13.3 | NA | NA | NA | NA | 0.51 | 36.2 |
| Malvinas/Falklands | Magellanic | -1.91 | -6.6 | 0.59 | 11.5 | -0.68 | -19.3 | -0.16 | -7.2 | 1.37 | 7.1 | 0.83 | 7.6 |
| Juan Fernandez and Desventuradas | Juan Fernandez and Desventuradas | -1.81 | -24.0 | 0.18 | 4.5 | 0.17 | 9.3 | NA | NA | -2.41 | -47.9 | -0.28 | -13.3 |
| Northern Labrador | Arctic | -1.77 | -32.1 | 0.11 | 4.5 | NA | NA | NA | NA | -3.39 | -43.0 | -0.93 | -28.3 |
| Mariana Islands | Tropical Northwestern Pacific | -1.72 | -10.8 | -1.51 | -14.0 | 0.01 | 0.4 | NA | NA | -0.46 | -13.6 | 0.82 | 35.6 |
| East African Coral Coast | Western Indian Ocean | -1.71 | -5.7 | -2.27 | -12.4 | 0.71 | 11.3 | 0.34 | 17.2 | -2.55 | -43.3 | -0.16 | -2.0 |
| Solomon Archipelago | Eastern Coral Triangle | -1.67 | -7.1 | -1.76 | -15.0 | -0.12 | -3.1 | -0.41 | -23.4 | -0.69 | -13.2 | 1.97 | 24.1 |
| Sea of Okhotsk | Cold Temperate Northwest Pacific | -1.56 | -3.5 | -0.20 | -1.7 | 0.12 | 1.9 | 2.16 | 103.6 | 0.01 | 0.1 | -0.51 | -6.8 |
| Gulf of Papua | Sahul Shelf | -1.49 | -7.2 | -0.90 | -8.1 | -0.12 | -1.3 | 1.08 | 81.9 | -0.03 | -2.0 | 0.70 | 17.4 |
| South Georgia | Scotia Sea | -1.44 | -38.3 | NA | NA | NA | NA | NA | NA | -0.73 | -23.5 | NA | NA |
| Cocos Islands | Tropical East Pacific | -1.42 | -10.5 | -0.53 | -7.8 | -0.35 | -8.1 | -0.00 | -0.1 | 0.54 | 25.0 | -0.53 | -19.9 |
| Leeuwin | Southwest Australian Shelf | -1.34 | -3.9 | -1.50 | -5.9 | -0.24 | -2.6 | 2.53 | 38.6 | -0.80 | -29.9 | 0.02 | 0.4 |
| Oregon, Washington, Vancouver Coast and Shelf | Cold Temperate Northeast Pacific | -1.26 | -1.5 | -3.64 | -6.3 | 3.60 | 36.2 | -2.39 | -50.5 | 0.13 | 1.1 | -0.03 | -0.2 |
| Ogasawara Islands | Tropical Northwestern Pacific | -1.11 | -4.3 | -0.54 | -4.6 | 0.66 | 15.6 | -0.33 | -17.9 | -0.44 | -5.4 | -0.59 | -18.2 |
| Coral Sea | Tropical Southwestern Pacific | -1.04 | -2.8 | 0.16 | 0.5 | -0.16 | -1.7 | 1.10 | 66.8 | -1.38 | -38.9 | -0.52 | -16.4 |
| Gulf of Guinea South | Gulf of Guinea | -1.02 | -2.6 | -0.07 | -0.4 | 1.47 | 11.7 | 1.48 | 34.8 | 1.08 | 62.2 | -2.12 | -20.1 |
| Central Kuroshio Current | Warm Temperate Northwest Pacific | -1.02 | -0.2 | 14.23 | 4.3 | -2.73 | -1.8 | -3.61 | -27.9 | 0.49 | 2.4 | -5.17 | -12.4 |
| Clipperton | Tropical East Pacific | -0.98 | -15.5 | -0.77 | -22.3 | 0.16 | 6.0 | NA | NA | -0.06 | -3.4 | 0.06 | 4.8 |
| Great Australian Bight | Southwest Australian Shelf | -0.86 | -9.5 | -0.75 | -10.0 | 0.73 | 27.5 | NA | NA | -0.07 | -3.5 | -0.32 | -14.0 |
| Angolan | Gulf of Guinea | -0.80 | -2.7 | -0.92 | -8.6 | 2.79 | 29.0 | 0.58 | 17.7 | -0.29 | -6.0 | -1.61 | -20.1 |
| Snares Island | Southern New Zealand | -0.75 | -7.6 | NA | NA | NA | NA | NA | NA | 0.39 | 4.2 | 0.29 | 15.0 |
| Scotian Shelf | Cold Temperate Northwest Atlantic | -0.73 | -1.7 | 2.77 | 14.2 | -2.59 | -23.4 | -0.75 | -24.5 | 2.93 | 19.6 | 0.34 | 4.7 |
| Bounty and Antipodes Islands | Subantarctic New Zealand | -0.66 | -20.3 | -0.13 | -6.5 | NA | NA | NA | NA | -3.48 | -57.8 | 0.02 | 1.2 |
| Gilbert/Ellis Islands | Marshall, Gilbert and Ellis Islands | -0.48 | -5.6 | -0.12 | -5.5 | 0.10 | 6.2 | -0.01 | -0.5 | -0.54 | -10.1 | 0.27 | 9.6 |
| Hawaii | Hawaii | -0.48 | -5.4 | -0.21 | -4.9 | 0.47 | 18.7 | 0.53 | 21.4 | 0.27 | 4.4 | 0.31 | 8.4 |
| Amsterdam-St Paul | Amsterdam-St Paul | -0.45 | -17.9 | -0.43 | -19.6 | -0.14 | -7.7 | NA | NA | 0.07 | 3.9 | -3.12 | -63.8 |
| Crozet Islands | Subantarctic Islands | -0.35 | -15.7 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| South Sandwich Islands | Scotia Sea | -0.29 | -11.0 | NA | NA | NA | NA | NA | NA | -0.06 | -2.6 | NA | NA |
| Samoa Islands | Central Polynesia | -0.29 | -5.4 | 0.31 | 13.1 | 0.12 | 7.7 | -0.75 | -35.0 | 0.19 | 5.9 | 0.29 | 12.7 |
| Rio Grande | Warm Temperate Southwestern Atlantic | -0.27 | -0.3 | -4.82 | -6.9 | 0.13 | 0.7 | 1.01 | 56.4 | 4.65 | 61.8 | -0.79 | -13.5 |
| South Shetland Islands | Scotia Sea | -0.23 | -3.9 | 0.22 | 5.7 | NA | NA | NA | NA | 1.23 | 29.6 | -0.94 | -24.1 |
| Mexican Tropical Pacific | Tropical East Pacific | -0.21 | -0.2 | 2.47 | 4.0 | 1.28 | 4.8 | -2.30 | -47.3 | 0.21 | 7.9 | -3.61 | -47.4 |
| Cargados Carajos/Tromelin Island | Western Indian Ocean | -0.16 | -0.9 | -0.59 | -4.8 | 0.62 | 19.5 | -0.05 | -3.7 | -0.27 | -8.7 | -0.88 | -20.8 |
| Chatham Island | Southern New Zealand | -0.14 | -5.1 | -0.06 | -2.9 | NA | NA | NA | NA | -0.24 | -10.8 | -0.03 | -1.5 |
| Rapa-Pitcairn | Southeast Polynesia | -0.14 | -5.0 | 0.09 | 4.5 | 0.09 | 6.5 | -0.84 | -36.7 | NA | NA | -0.92 | -38.1 |
| Southern Cook/Austral Islands | Southeast Polynesia | -0.13 | -4.5 | 0.15 | 6.7 | -0.11 | -7.1 | -0.22 | -14.0 | -0.15 | -6.6 | -0.14 | -8.5 |
| Chagos | Central Indian Ocean Islands | -0.12 | -0.3 | 2.91 | 9.1 | -1.39 | -18.2 | 0.02 | 1.3 | -3.48 | -39.1 | -0.78 | -29.4 |
| Kerguelen Islands | Subantarctic Islands | -0.11 | -4.5 | NA | NA | NA | NA | NA | NA | -0.25 | -10.4 | NA | NA |
| Campbell Island | Subantarctic New Zealand | -0.11 | -4.0 | NA | NA | NA | NA | NA | NA | -0.12 | -4.5 | NA | NA |
| West Greenland Shelf | Arctic | -0.09 | -0.6 | 0.53 | 7.6 | -0.17 | -5.6 | 0.88 | 21.7 | 1.50 | 14.4 | -0.47 | -5.6 |
| Western Sumatra | Andaman | -0.09 | -0.2 | -0.41 | -1.3 | 0.50 | 2.7 | -1.10 | -44.3 | -0.88 | -23.9 | -0.45 | -8.6 |
| Easter Island | Easter Island | -0.08 | -3.5 | 0.30 | 15.2 | 0.08 | 5.2 | NA | NA | NA | NA | -0.57 | -28.2 |
| Arnhem Coast to Gulf of Carpenteria | Sahul Shelf | -0.04 | -0.2 | 0.54 | 3.8 | 1.77 | 23.3 | -0.62 | -29.5 | 0.61 | 18.6 | -1.19 | -28.0 |
| Prince Edward Islands | Subantarctic Islands | -0.02 | -1.2 | NA | NA | NA | NA | -0.02 | -0.9 | -0.00 | -0.0 | NA | NA |
| Macquarie Island | Subantarctic Islands | 0.05 | 2.4 | NA | NA | NA | NA | NA | NA | 0.05 | 2.4 | NA | NA |
| Cocos-Keeling/Christmas Island | Java Transitional | 0.07 | 0.5 | 0.34 | 2.9 | -0.31 | -8.7 | 0.27 | 20.2 | -2.32 | -59.5 | -0.22 | -11.2 |
| Amundsen/Bellingshausen Sea | Continental High Antarctic | 0.12 | 3.2 | NA | NA | NA | NA | NA | NA | 0.12 | 3.2 | NA | NA |
| Delagoa | Western Indian Ocean | 0.19 | 0.3 | -2.21 | -5.4 | 4.22 | 28.9 | -0.39 | -20.7 | 1.08 | 32.0 | -1.44 | -29.9 |
| Marshall Islands | Marshall, Gilbert and Ellis Islands | 0.21 | 2.7 | 0.14 | 6.0 | 0.28 | 19.7 | NA | NA | -0.16 | -2.5 | -0.16 | -7.1 |
| Tonga Islands | Tropical Southwestern Pacific | 0.35 | 5.5 | 0.36 | 16.6 | -0.07 | -4.1 | -0.69 | -33.4 | 0.49 | 21.3 | 1.67 | 36.9 |
| Phoenix/Tokelau/Northern Cook Islands | Central Polynesia | 0.41 | 7.9 | -0.01 | -0.6 | -0.09 | -6.3 | 0.01 | 0.8 | 0.27 | 7.2 | 2.02 | 96.5 |
| Kermadec Island | Northern New Zealand | 0.48 | 12.6 | 1.42 | 58.9 | NA | NA | NA | NA | 0.54 | 20.1 | -0.30 | -16.5 |
| Antarctic Peninsula | Scotia Sea | 0.49 | 7.8 | 0.70 | 20.6 | NA | NA | NA | NA | 1.50 | 25.2 | -1.11 | -22.7 |
| Vanuatu | Tropical Southwestern Pacific | 0.51 | 6.7 | -0.06 | -2.5 | 0.14 | 9.0 | -0.43 | -23.3 | -0.46 | -12.7 | 2.22 | 50.7 |
| Natal | Agulhas | 0.58 | 0.3 | 2.11 | 1.5 | 6.90 | 16.7 | -0.42 | -19.4 | -2.34 | -39.2 | -5.06 | -54.4 |
| Exmouth to Broome | Northwest Australian Shelf | 0.76 | 1.9 | 3.24 | 9.9 | 0.87 | 10.6 | 0.15 | 7.3 | -0.44 | -14.2 | -0.56 | -9.0 |
| Northern Monsoon Current Coast | Western Indian Ocean | 0.83 | 4.8 | -0.65 | -10.5 | 0.62 | 27.5 | NA | NA | -0.73 | -11.5 | 2.17 | 16.7 |
| East Caroline Islands | Tropical Northwestern Pacific | 0.93 | 5.1 | -1.17 | -10.3 | 0.02 | 0.7 | -0.11 | -7.7 | 2.41 | 50.3 | -0.16 | -5.7 |
| Shark Bay | West Central Australian Shelf | 1.04 | 2.7 | 0.57 | 1.9 | -1.65 | -20.3 | 2.21 | 153.2 | -0.12 | -2.4 | 0.72 | 15.4 |
| North and East Barents Sea | Arctic | 1.05 | 2.7 | 3.09 | 24.9 | -1.08 | -6.2 | 1.77 | 22.2 | -0.35 | -1.4 | 0.22 | 2.8 |
| Ningaloo | Northwest Australian Shelf | 1.32 | 4.8 | 0.85 | 3.9 | 0.04 | 0.6 | 2.33 | 165.7 | 0.82 | 16.7 | 1.38 | 32.6 |
| Southeastern Brazil | Warm Temperate Southwestern Atlantic | 1.33 | 1.0 | 5.14 | 6.5 | 1.17 | 4.5 | 0.05 | 2.2 | -6.94 | -36.8 | -0.93 | -5.0 |
| Tuamotus | Southeast Polynesia | 1.44 | 23.9 | -0.11 | -5.4 | 0.09 | 6.6 | -0.50 | -26.9 | 4.52 | 227.8 | -1.40 | -20.9 |
| Northern Galapagos Islands | Galapagos | 1.56 | 20.0 | 1.65 | 24.0 | 0.77 | 50.0 | NA | NA | 0.25 | 13.8 | 0.24 | 12.1 |
| Northeast Sulawesi | Western Coral Triangle | 1.76 | 11.3 | 1.13 | 15.4 | 0.90 | 37.6 | 0.54 | 22.5 | -2.18 | -10.3 | 0.28 | 7.6 |
| Halmahera | Western Coral Triangle | 1.78 | 3.3 | -2.75 | -6.7 | 1.38 | 12.4 | 0.46 | 14.9 | 3.01 | 231.9 | 2.34 | 82.6 |
| East Greenland Shelf | Arctic | 1.86 | 32.3 | 1.43 | 41.6 | -0.06 | -2.6 | NA | NA | 1.84 | 35.1 | 1.41 | 37.9 |
| Agulhas Bank | Agulhas | 2.47 | 1.3 | 5.95 | 4.4 | 5.74 | 12.2 | 0.79 | 26.0 | -3.34 | -21.9 | -7.49 | -53.7 |
| Revillagigedos | Tropical East Pacific | 2.71 | 18.6 | 1.44 | 22.8 | 2.12 | 34.5 | NA | NA | 0.24 | 11.2 | -0.73 | -27.6 |
| Line Islands | Central Polynesia | 2.78 | 67.9 | -0.15 | -7.2 | 0.07 | 4.8 | -0.15 | -10.6 | 0.87 | 37.5 | 5.57 | 282.4 |
| Northeastern Brazil | Tropical Southwestern Atlantic | 2.94 | 3.5 | 1.80 | 3.3 | 1.12 | 4.5 | 0.15 | 7.4 | -1.30 | -44.6 | -0.08 | -1.3 |
| Namaqua | Benguela | 2.94 | 2.4 | 0.77 | 1.1 | 7.73 | 22.0 | -2.46 | -46.6 | -3.52 | -21.5 | -3.92 | -44.8 |
| Torres Strait Northern Great Barrier Reef | Northeast Australian Shelf | 3.32 | 5.0 | -5.94 | -9.4 | 1.50 | 5.6 | -4.90 | -70.0 | -1.43 | -41.3 | -6.86 | -43.0 |
| Western and Northern Madagascar | Western Indian Ocean | 3.41 | 12.9 | 1.53 | 7.4 | 2.35 | 31.1 | 0.01 | 0.7 | 0.33 | 13.0 | -0.30 | -11.5 |
| Maldives | Central Indian Ocean Islands | 3.46 | 5.4 | -1.15 | -3.3 | 3.17 | 10.1 | 0.27 | 9.5 | -1.53 | -19.4 | -0.75 | -14.8 |
| Gulf of Guinea Central | Gulf of Guinea | 3.60 | 4.5 | -0.58 | -2.0 | 0.70 | 2.9 | 2.67 | 53.6 | -0.66 | -5.9 | 3.70 | 17.4 |
| Nicoya | Tropical East Pacific | 3.69 | 3.7 | 0.81 | 1.2 | 3.42 | 10.0 | -4.28 | -70.3 | 0.84 | 29.4 | -3.02 | -39.0 |
| Seychelles | Western Indian Ocean | 3.74 | 22.4 | 1.89 | 21.8 | 3.94 | 73.6 | 0.03 | 2.0 | -0.60 | -19.6 | -0.21 | -4.0 |
| Amazonia | North Brazil Shelf | 3.77 | 7.9 | 3.60 | 11.1 | 0.78 | 5.0 | -0.13 | -8.0 | 0.32 | 17.5 | -0.83 | -23.0 |
| Guianan | North Brazil Shelf | 3.80 | 7.4 | 1.43 | 5.1 | 1.76 | 10.4 | -0.09 | -4.9 | 3.80 | 201.2 | -1.81 | -23.0 |
| South Orkney Islands | Scotia Sea | 4.19 | 88.2 | 0.11 | 3.9 | NA | NA | NA | NA | 4.74 | 129.3 | -1.43 | -35.3 |
| Auckland Island | Subantarctic New Zealand | 5.84 | 128.0 | NA | NA | NA | NA | NA | NA | 5.10 | 112.0 | NA | NA |
| Banda Sea | Western Coral Triangle | 6.38 | 17.0 | 1.05 | 4.4 | 0.13 | 1.5 | 0.01 | 0.3 | 4.44 | 331.0 | 2.78 | 55.4 |
| Gulf of Thailand | Sunda Shelf | 6.71 | 9.0 | 1.45 | 3.0 | 3.18 | 15.0 | -0.35 | -11.1 | 3.02 | 55.2 | 1.03 | 14.3 |
| White Sea | Arctic | 7.17 | 17.6 | 11.11 | 37.5 | -2.54 | -16.5 | 0.00 | 0.0 | 0.22 | 5.4 | -2.48 | -28.1 |
| Gulf of Aden | Red Sea and Gulf of Aden | 7.34 | 4.4 | -5.14 | -4.6 | 7.86 | 12.4 | -4.80 | -60.7 | 6.25 | 340.0 | -1.24 | -12.1 |
| Lesser Sunda | Western Coral Triangle | 8.48 | 14.0 | 1.41 | 3.0 | 1.44 | 11.4 | -1.56 | -26.6 | -3.43 | -35.1 | 1.40 | 25.9 |
| Western Arabian Sea | Somali/Arabian | 10.06 | 7.0 | -1.22 | -1.6 | 14.28 | 25.2 | -4.07 | -66.1 | 2.14 | 109.2 | -1.13 | -10.5 |
| Southern Java | Java Transitional | 11.73 | 24.2 | 1.50 | 5.5 | -2.60 | -13.3 | -2.35 | -35.3 | 1.48 | 42.3 | 8.53 | 77.6 |
| Southern Grand Banks - South Newfoundland | Cold Temperate Northwest Atlantic | 11.97 | 41.8 | 9.54 | 67.2 | -0.22 | -2.7 | -0.02 | -0.8 | -2.73 | -38.4 | 5.63 | 111.8 |
| Central Somali Coast | Somali/Arabian | 13.92 | 68.6 | -1.66 | -24.9 | -0.02 | -1.1 | NA | NA | -2.62 | -19.2 | 5.89 | 41.5 |
| Southern Red Sea | Red Sea and Gulf of Aden | 14.40 | 4.6 | 0.49 | 0.2 | 5.90 | 4.6 | -4.86 | -60.2 | 8.80 | 612.9 | -1.14 | -6.8 |
| Northern and Central Red Sea | Red Sea and Gulf of Aden | 15.26 | 3.7 | 8.34 | 2.9 | 35.80 | 25.1 | -4.58 | -46.5 | 10.87 | 572.1 | -6.25 | -26.2 |
| Sulawesi Sea/Makassar Strait | Western Coral Triangle | 16.25 | 13.5 | 4.82 | 5.2 | 2.21 | 14.0 | 0.39 | 11.0 | -3.56 | -53.6 | 12.84 | 99.4 |
| Kara Sea | Arctic | 26.49 | 87.6 | 12.53 | 96.7 | 12.13 | 53.8 | NA | NA | NA | NA | 1.06 | 11.2 |
| Black Sea | Black Sea | 32.27 | 13.5 | 24.50 | 14.8 | 4.33 | 7.4 | -1.34 | -23.7 | 2.24 | 19.8 | -0.18 | -0.9 |
| Arafura Sea | Sahul Shelf | 46.49 | 124.5 | -3.07 | -15.2 | 0.63 | 12.2 | -1.33 | -43.8 | 16.71 | 511.0 | 31.54 | 211.6 |
| East China Sea | Warm Temperate Northwest Pacific | 47.39 | 3.5 | 19.48 | 2.5 | -11.81 | -6.1 | -2.53 | -33.3 | 14.09 | 5.9 | 67.06 | 45.1 |
| Yellow Sea | Cold Temperate Northwest Pacific | 68.05 | 5.3 | -9.45 | -1.5 | 5.33 | 3.6 | -2.15 | -26.2 | -31.22 | -10.0 | 113.41 | 57.5 |
| Southern China | South China Sea | 106.19 | 7.3 | -35.60 | -4.5 | -2.57 | -1.5 | -2.40 | -23.9 | 38.72 | 10.9 | 101.92 | 63.0 |