

Table 1 Polar bear population summary, with historical comparisons (2 pgs)

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| Population                                       | Country [Denmark on behalf of Greenland] | Abundance Estimate ["#" is a model simulation #] | Year of Estimate [ ] previous assessments | Year of PBSG Meet                  | Range or ±2 SE ["#" indicates a simulation]         | Status @ 2009 [@ 2005]             | Current Trend * @ 2009 [@ 2005]    | Declining Trend Concerns @ 2009                             |
|--|--|--|---|------------------------------------|---|------------------------------------|------------------------------------|---|
| Arctic Basin (formerly excluded Queen Elizabeth) | All                                      | Unkn - 0<br>[Unkn - 0]<br>[200 – guess]          | Never<br>[Never]<br>[1997?]               | 2009<br>[2005]<br>[1997]           | n/a   | Data deficient<br>[Data deficient] | Data deficient<br>[Data deficient] |   |
| Baffin Bay                                       | Canada/<br>Denmark*                      | 2,074<br>[1,546]#<br>[2,074]<br>[2,200]          | 1998<br>[2004]<br>[1998]<br>[1996]        | 2009<br>[2005]<br>[2005]<br>[2001] | 1,544-2,604<br>[690-2,402]#<br>[1,544-2,604]<br>-   | Data deficient<br>[Reduced]        | Declining<br>[Declining]           | Over-hunting  |
| Barents Sea (formerly Svalbard)                  | Norway/<br>Russia                        | 2,650<br>[2,650]<br>[3,500]‡                     | 2004<br>[2004]<br>[1982]‡                 | 2009<br>[2005]<br>[2001]           | 1,900-3,600<br>[1,900-3,600]<br>[2,000-5,000]‡      | Data deficient<br>[Data deficient] | Data deficient<br>[Data deficient] | ‡this estimate included part of Kara Sea as defined in 2001 |
| Chukchi Sea                                      | Russia/USA                               | Unkn – 0<br>[2,000]<br>[2,000+]<br>[2,000-5,000] | unavailable<br>[1993]<br>[1997]<br>?      | 2009<br>[2005]<br>[2001]<br>[1997] | n/a<br>-<br>-<br>Limited survey                     | Reduced<br>[Data deficient]        | Declining<br>[Data deficient]      | Sea ice loss & poaching                                     |
| Davis Strait                                     | Canada/<br>Denmark*                      | 2,142<br>[1,650]#<br>[1,400]                     | 2007<br>[2004]<br>[1996]                  | 2009<br>[2005]<br>[2001]           | 1,811-2,534<br>[1,000-2,300]#<br>-                  | Not reduced<br>[Data deficient]    | Declining<br>[Data Deficient]      | Over-hunting  |
| East Greenland                                   | Denmark*                                 | Unkn – 0<br>[Unkn – 0]<br>[2,000]                | Never<br>[Never]<br>[1997]                | 2009<br>[2005]<br>[2001]           | n/a<br>-<br>-                                       | Data deficient<br>[Data deficient] | Data deficient<br>[Data deficient] |   |
| Foxe Basin                                       | Canada                                   | 2,197<br>[2,300]#<br>[2,197]<br>[2,300]          | 1994<br>[2004]<br>[1994]<br>[1996]        | 2009<br>[2005]<br>[2005]<br>[2001] | 1,677-2,717<br>[1,780-2,820]#<br>[1,677-2,717]<br>- | Data deficient<br>[Data deficient] | Data deficient<br>[Data deficient] |   |
| Gulf of Boothia                                  | Canada                                   | 1,592<br>[1,523]<br>[900]                        | 2000<br>[2000]<br>[1986]                  | 2009<br>[2005]<br>[2001]           | 870-2,314<br>[953-2,093]<br>-                       | Not reduced<br>[Not reduced]       | Stable<br>[Stable]                 | 2005 & 2000 #s not typos                                    |
| Kane Basin                                       | Canada/<br>Denmark*                      | 164<br>-<br>[200]                                | 1994-1997<br>-<br>[1996]                  | 2009<br>-<br>[2001]                | 94-234<br>-<br>-                                    | Data deficient<br>[Reduced]        | Declining<br>[Declining]           | Over-hunting  |

|   |                |   |                                  |                                  |                                      |   |                                     |   |
|---|----------------|---|----------------------------------|----------------------------------|--------------------------------------|---|-------------------------------------|---|
| Kara Sea (now includes W half of Novaya Zemlya)   | Russia         | Unkn - 0<br>[Unkn – 0]<br>-                               | Never<br>[Never]<br>-            | 2009<br>[2005]<br>-              | n/a<br>-<br>-                        | Data deficient<br>[Data deficient]        | Data deficient<br>[Data deficient]  |   |
| Lancaster Sound                                   | Canada         | 2541<br>[2,541]<br>[1,700]                                | 1998<br>[1998]<br>[1996]         | 2009<br>[2005]<br>[2001]         | 1,759-3,323<br>-<br>-                | Data deficient<br>[Not reduced]           | Declining<br>[Stable]               | Over-hunting                                  |
| Laptev Sea (now includes E half of Novaya Zemlya) | Russia         | 800-1,200<br>[800-1,200]<br>[800-1,200]<br>limited survey | 1993<br>[1993]<br>[1993]<br>-    | 2009<br>[2005]<br>[2001]<br>-    | n/a<br>-<br>-<br>-                   | Data deficient<br>[Data deficient]        | Data deficient<br>[Data deficient]  |   |
| M'Clintock Channel                                | Canada         | 284<br>[284]<br>[350]                                     | 2000<br>[2000]<br>[2001]         | 2009<br>[2005]<br>[2001]         | 166-402<br>[166-402]<br>-            | Reduced<br>[Severely Reduced ]            | Increasing<br>[Increasing]          |   |
| Northern Beaufort Sea                             | Canada         | 1,202<br>[1,200]<br>[1,200]                               | 2006<br>[1986]<br>[1987]         | 2009<br>[2005]<br>[2001]         | 686-1,718<br>-<br>-                  | Not reduced<br>[Not reduced]              | Stable<br>[Stable]                  |   |
| Norwegian Bay                                     | Canada         | 190<br>[190]<br>[100]                                     | 1998<br>[1998]<br>[1979]         | 2009<br>[2005]<br>[2001]         | 102-278<br>-<br>-                    | Data deficient<br>[Not reduced]           | Declining<br>[Declining]            | Over – hunting                                |
| Southern Beaufort Sea                             | Canada/<br>USA | 1,526<br>[1,526]<br>[1,800]<br>-                          | 2006<br>[2006]<br>[2001]<br>-    | 2009<br>[2005]<br>[2001]<br>-    | 1,210-1,842<br>-<br>-<br>-           | Reduced<br>[Reduced]                      | Declining<br>[Declining]            | Sea ice loss decline not statist. significant |
| Southern Hudson Bay (formerly E. Hudson Bay)      | Canada         | 950<br>[1,000]<br>[1,000]                                 | 2005<br>[1998]<br>[1986]         | 2009<br>[2005]<br>[2001]         | 900-1,000<br>[684-1,116]<br>-        | Not reduced<br>[Not reduced]              | Stable<br>[Stable]                  |   |
| Viscount Melville                                 | Canada         | 161<br>215#<br>[161]<br>[230]                             | 1992<br>1996<br>[1992]<br>[1992] | 2009<br>2005<br>[2005]<br>[2001] | 121-201<br>99-331#<br>[121-201]<br>- | Data Deficient<br>[Severely reduced 2005] | Data Deficient<br>[Increasing 2005] | Data not changed but now considered deficient |
| Western Hudson Bay                                | Canada         | 935<br>[935]<br>[1,200]                                   | 2004<br>[2004]<br>[1997]         | 2009<br>[2005]<br>[2001]         | 791-1,079<br>[791-1,079]<br>-        | Reduced<br>[Reduced]                      | Declining<br>[Declining]            | Statistically significant decline             |

\* In 2005, this column was labelled "Observed or predicted trend"