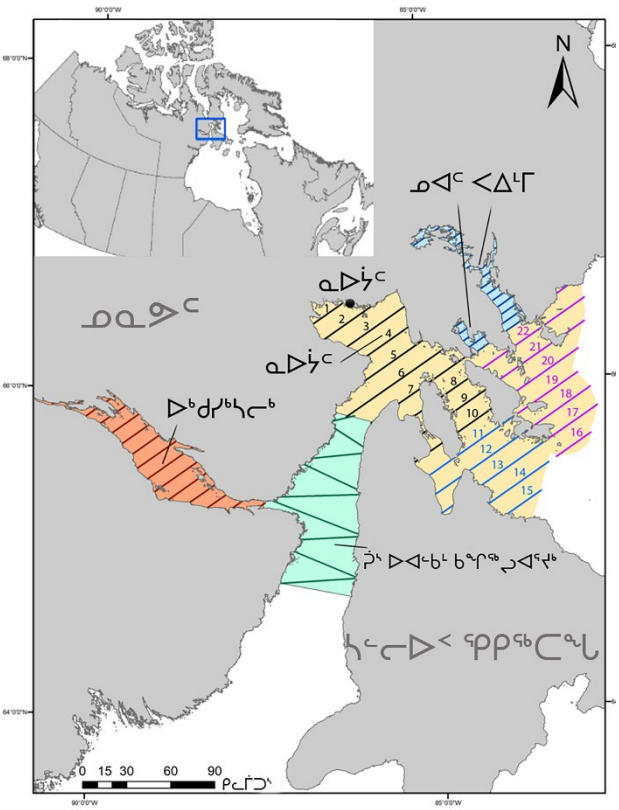
Fisheries and Oceans Canada | Pêches et Océans Canada
Ecosystems and Oceans Science | Sciences des écosystèmes et des océans

ᑲᓇᑕᐅᑉ ᖃᐅᔨᓴᕐᓂᕐᒧᑦ ᐃᓱᒪᓕᐅᖅᑎᖕᒋᑦ
ᕿᑎᐊᓐᓂ ᐊᒻᒪ ᐅᑭᐅᖅᑕᖅᑑᑉ ᓄᓇᕐᑯᑎᖓᑎ ᖃᐅᔨᓴᕐᓂᕐᒧᑦ ᐅᖃᐅᔨᓯᖅᑐᑦ ᐅᓂᑉᒣᓕᐊᖓ 2020/055

ᐱᑕᖃᕐᓂᖕᒋᓐᓂᒃ ᐃᓱᒪᒋᔭᐅᔪᑦ ᑲᓇᖕᓇᖕᒐᓐᓂ ᐄᐊᑦᓴᓐ ᐸᐃ ᑑᒫᓖᑦ ᐅᓄᕐᓂᖕᒋᓐᓂᑦ 2018 ᖃᖕᒐᑕᓲᒃᑯᑦ ᖃᐅᔨᓴᖅᑎᓪᓗᒋᑦ

ᑑᒫᓖᑦ (*Monodon monoceros*).



ᐊᔾᔨᖑᐊᖅ 1. ᓄᓇᖑᐊᖅ ᓇᓗᓇᐃᖅᓯᐸᓗᓐᓂ ᓯᑕᒪᐃᓕᖕᒐᔪᓐᓂᒃ ᐊᕕᒃᓯᒪᔪᓐᓂᒃ ᖃᐅᔨᓴᕐᓂᑰᓚᐅᖅᑐᓐᓂᒃ 2018–ᖑᑎᓪᓗᒍ ᖃᖕᒐᑕᓲᒃᑯᑦ ᑲᓇᖕᓇᖕᒐᓐᓂ ᐄᐊᑦᓴᓐ ᐸᐃ ᑕᕆᐅᖕᒐᑕ. ᑲᓚᖕᒋᑦ ᐊᔾᔨᖕᒋᒋᑦᑐᑦ ᐅᐸᓗᑦ ᐊᕕᒃᓯᒪᔪᑦ ᖃᐸᐅᓂᖕᒋᑦ ᖃᖕᒐᑕᑎᓪᓗᒋᑦ

ᐃᓗᓕᖕᒋᑦ:

ᐃᓄᐃᑦ ᓂᕿᑦᓴᖅᓯᐅᕐᓂᕐᒧᑦ ᐊᖑᓇᓱᖕᓂᖕᒐᑦ ᑲᓇᖕᓇᖕᒐᓐᓂ ᐄᐊᑦᓴᓐ ᐸᐃ ᑑᒫᓕᖕᒋᓐᓂᒃ ᑭᕙᓪᓕᕐᒥ ᓄᓇᕗᑉ ᐃᓗᐊᓐᓂ, ᐅᓄᕐᓂᖕᒋᑦ ᒥᑭᓂᖅᓴᐅᑉᓗᑎᒃ ᕿᑭᖅᑖᓗᖕᒥ ᐊᒻᒪ ᓄᓇᕕᖕᒥ.

ᓂᕿᒃᓴᐅᓂᐊᕐᓗᑎᒃ ᐊᖑᓇᓱᒃᑕᐅᓂᖕᒋᑦ ᑲᓇᖕᓇᖕᒐᓐᓂ ᐄᐊᑦᓴᓐ ᐸᐃ ᑑᒫᓕᖕᒋᑕ ᒪᓐᓇ ᒥᐊᓂᕆᔭᐅᕗᑦ ᐊᖑᓇᓱᒪᐅᔪᓪᓗᐊᖅᑐᑦ ᖃᑉᓯᐅᓂᖕᒋᑕ (TALC) ᐅᖃᐅᑎᔭᐅᓯᒪ ᑉᓗᑎᒃ ᑲᓇᑕᐅᑉ ᐃᒪᕐᒥᐅᑕᓕᕆᔨᖕᒋᓐᓂᑦ, ᖃᖕᒐᑕᓲᒃᑯᑦ ᖃᑉᓯᐅᓂᖕᒋ ᖃᐅᔨᓴᒐᐅᑉᓗᑎᒃ ᑲᓇᖕᓇᖕᒐᓐᓂ ᐄᐊᑦᓴᓐ ᐸᐃ ᑑᒫᓕᖕᒋᑕ ᐊᐅᔭᐅᑎᓪᓗᒍ. ᐊᖑᓇᓱᒪᐅᓂᐊᖅᑐᑦ ᓈᒻᒪᑎᐊᕐᑯᑉᓗᒋᑦ, ᐊᖑᓇᓱᒪᐅᔪᓪᓗᐊᖅᑐᑦ ᖃᑉᓯᐅᓂᖕᒋᑦ (TAH) ᐅᖕᒐᑕᐅᓐᓂᖅ ᐊᔪᖅᐳᑦ. ᒪᓐᓇᐅᔪᖅ ᐊᖑᓇᓱᒪᐅᔪᓪᓗᐊᓂᖕᒋᑦ ᖃᑉᓯᐅᓂᖕᒋ ᑲᓇᓇᖕᒐᓐᓂ ᐄᐊᑦᓴᓐ ᐸᐃ ᑑᒫᓕᖕᒋᑕ ᐊᕿᒃᑕᐅᓯᒪᕗᑦ ᓄᓇᕗᒻᒥ

ᐆᒪᔪᓕᕆᔨᕐᔪᐊᑯᑦ ᑲᑎᒪᔨᖏᓐᓄᑦ, ᑐᖓᕕᖃᖅᓗᑎᒃ ᐃᒪᕐᒥᐅᑕᓕᕆᔨᑦ ᖃᖓᑕᐸᓗᑎᒃ ᖃᐅᔨᓴᕐᓂᖓᓐᓂ 2011–ᒥ. ᖃᖓᑕᐸᓗᑎᒃ ᖃᐅᔨᓴᓚᐅᕐᒪᑕ ᐱᐊᓂᓚᐅᕐᒪᑦ 2018-ᒥ. ᑲᓇᑕᐅᐸ ᐃᒪᕐᒥᐅᑕᓕᕆᔨᖏᑦ ᑐᒃᓯᕋᓚᐅᕐᒪᑕ ᖃᐅᔨᓴᕐᕕᔨᐸᓗᑎᒃ ᓄᑕᖑᖅᓯᒪᔪᓐᓂᒃ ᐱᑕᖃᓕᕐᓂᖏᓐᓂᒃ ᑑᒫᓖᑦ.

ᓇᐃᓕᒋᐊᖅᓯᒪᔪᑦ

- ᖃᖓᑕᓲᒃᑯᑦ ᖃᐅᔨᓴᕐᓂᖅ ᐃᓗᐊᓐᓂ 3–14 ᐊᐅᒍᕐ 2018 ᑐᑭᓯᑎᑦᓯᓚᐅᕐᒪᑦ ᐱᑕᖃᕐᓂᖏᓐᓂᒃ ᐄᐊᑦᓴᓐ ᐸᐃ ᑲᓇᖕᓇᖓᓐᓂ (NHB) ᑑᒫᓕᖕᓂᒃ. ᑭᓯᐊᓐᓂ ᑭᓯᓚᐅᖏᑕᖏᑦ ᐳᐃᓯᒪᖏᑐᓐᓂᒃ, ᖃᓂᒋᔭᖓᓐᓂ ᐃᓱᒋᔭᐅᕗᑦ 19,200 (95% CI = 11,300–32,900) ᑑᒫᓕᒃᑕᖃᕐᒪᑦ.
- ᖃᖓᑕᐸᓗᑎᒃ ᖃᐅᔨᓴᓚᐅᕐᒪᑕ ᑲᓇᖕᓇᖓᓐᓂ ᐄᐊᑦᓴᓐ ᐸᐃᒻᒥ ᑑᒫᓕᖏᓐᓂᒃ ᖃᐅᔨᓴᓚᐅᕐᒪᑕ 2011 ᐃᓱᒪᒋᔭᐅᓯᒪᔪᑦ ᐅᓄᕐᓂᖏᑦ ᖃᓂᒋᔭᖓᓐᓂ 12,500 (95% CI = 7,500–20,700) ᑑᒫᓕᒃᑕᖃᕐᒪᑦ.
- ᐃᓗᐊᓐᓂ 2018 ᖃᐅᔨᓴᕐᓂᖏᑕ ᐊᔨᒋᓚᐅᕐᒪᒍ 2011 ᐊᕿᒃᑕᐅᓯᒪᔪᑉ ᖃᐅᔨᓴᕐᓂᐅᑉ, ᑭᓯᐊᓐᓂ ᖃᐅᔨᓴᕐᓂᖓᑦ ᐊᖏᓂᖅᓴᐅᓚᐅᕐᒪᑦ ᐅᒃᑯᓯᒃᓴᓕᒃ ᐃᓚᐅᑉᓗᓐᓂ ᐃᓚᐅᕐᑯᔭᐅᓚᐅᕐᓂᖓᑦ ᐊᕐᕕᖅ ᐊᖑᓇᓱᒃᑎᑦ ᑲᑎᒪᔨᖏᑦ ᓇᐅᔾᔭᓐᓂ.
- ᐃᓗᐊᓐᓂ 2018 ᐱᑕᖃᕋᓱᒋᔭᖓᑦ ᖃᐅᔨᓴᕐᓂᑯᑦ ᐃᓱᒪᒋᔭᐅᑉᐸᓗᑎᒃ ᐊᔪᖏᑎᑦᓯᓂᐊᕐᒪᑦ ᖃᓂᒋᔭᖏᓐᓂᒃ ᐃᓱᒪᓕᐅᕐᓗᑎᒃ ᒥᐊᓂᕆᔭᐅᓂᖏᓐᓄᑦ ᑐᖓᕕᖃᕐᓗᑎᒃ ᖃᐅᔨᒪᓂᖏᓐᓂᒃ ᐅᓄᕐᓂᖏᑦ ᖃᐅᔨᒋᐊᕐᓗᒋᑦ.

ᓯᕗᓪᓕᕐᒥᒃ ᖃᓄᐃᓐᓂᖓ

ᑑᒫᓖᑦ (*Monodon monoceros*) ᐃᓗᐊᓐᓂ ᐄᐊᑦᓴᓐ ᐸᐃ ᑲᓇᖕᓇᖓᓐᓂ (NHB) ᐊᔨᐅᖏᑦᑐᑦ ᐃᓂᒋᔭᖓᓪᓗ ᐱᑕᖃᓗᐊᖅᐸᖏᑦᑐᖅ ᑑᒫᓕᖕᓂᒃ. ᖃᖓᑕᐸᓗᑎᒃ ᖃᐅᔨᓴᕐᓂᖓᑦ ᑑᖕᒫᖕᒥᑦ ᑕᐃᐸᓯᒪᖓᓐᓂ ᐱᒋᐊᕐᓂᖏᓐᓂ 1980, 2000, ᐊᒻᒪ 2011. ᐃᓗᐊᓐᓂ 2011, ᑕᑯᔭᐅᕙᖕᓂᖏᑦ ᐊᒻᒪ ᐊᔨᓕᐅᕈᑎᒃᑯᑦ ᐅᓄᕐᓂᖏᑦ ᐃᓱᒪᒋᔭᐅᕗᑦ ᖃᓂᒋᔭᖓᓂᓯᐅᕐᒪᑕ 12,500 (95% ᐅᒃᐱᕐᓇᖅᑐᒻᒥᒃ ᐊᑯᓐᓂᖅᓱᖅᑐᖅ [CI] = 7,500–20,700) (100–ᒧᑦ ᑭᓯᑕᐅᓯᒪᓂᖓᑦ ᐃᓱᒪᒋᔭᐅᓯᒪᔪᑦ) ᑑᒫᓖᑦ. ᐱᑕᖃᕐᓂᖓᓐᓂᒃ ᓄᑕᖑᖅᑎᖅᓯᒪᔪᑦ ᖃᐸᓯᐅᓂᖏᓐᓂᒃ ᐄᐊᑦᓴᓐ ᐸᐃᒻᒥ ᑑᒫᓖᑦ, ᖃᐅᔨᓴᓚᐅᕐᒪᑕ ᐊᐅᒍᕐ 2018.

ᖃᐅᔨᓴᒐᐅᓂᖏᑦ

ᖃᐅᔨᓴᕐᓂᖅ

ᖃᖓᑕᐸᓗᑎᒃ ᖃᐅᔨᓴᓚᐅᕐᒪᑕ 3–14 ᐊᐅᒍᕐ, 2018 ᐄᐊᑦᓴᓐ ᐸᐃ ᑲᓇᖕᓇᖓᓐᓂ. ᐊᕕᒃᓯᒪᓚᐅᕐᒪᑦ ᓯᑕᒪᐃᓕᖓᐸᓗᓐᓂ ᖃᐅᔨᓴᕐᓂᖓᑦ: ᐅᑯᓯᒃᓴᓕᒃ, ᕈᐅᕐ ᕕᐅᑲᒻ ᓴᐅᓐ, ᓇᐅᔾᑦ ᐊᒻᒪ ᓄᐊᑦ ᐸᐃᕐ, ᐃᓚᐅᐸᓗᓐᓂ ᒍᐊ ᐸᐃ ᐊᒻᒪ ᓚᐃᔭᓐ ᑲᕐᒋᖅᓱᖓ (ᐊᔨᖑᐊᖅ 1.) ᐃᓗᐊᓐᓂ 2018 ᖃᐅᔨᓴᕐᓂᖓᓐᓂ ᐊᔨᖓᓐᓂᒃ ᖃᐅᔨᓴᕐᓂᐅᓚᐅᖅᑐᐸ 2011 ᐊᑐᖅᑎᓪᓗᒍ ᐊᖏᓂᖅᓴᐅᓕᕐᓗᓐᓂ ᖃᐅᔨᓴᕐᓂᖓᑦ ᐅᑯᓯᒃᓴᓕᒃ ᐃᓚᐅᓕᕐᓗᓐᓂ, ᐃᓚᐅᕐᑯᔭᐅᐸᓗᓐᓂ ᐊᕐᕕᖅ ᐊᖑᓇᓱᒃᑎᑦ ᑲᑎᒪᔨᖏᑦ ᓇᐅᔾᔭᓐᓂ.

ᖃᐅᔨᓴᕈᑎᑦ ᐊᑕᐅᓯᐊᕐᓱᑎᒃ ᐊᑐᒐᐅᓚᐅᕐᒪᑕ ᑭᓯᐊᓂᑐᐊᖅ ᓄᐊᑦ ᐸᐃᒻᒥ ᑐᒡᓕᐊᓐᓂᒃ ᖃᐅᔨᓴᒐᐅᐸᓗᓐᓂ. ᓄᐊᑦ ᐸᐃᒻᒥ ᒪᕈᐃᒐᐅᐸᓗᓐᓂ ᑎᑎᕋᖅᓯᒪᓂᖏᓐᓂ ᖃᐅᔨᓴᕐᓂᖓᑦ ᐊᔨᖏᖏᓂᖏᑦ ᒡᐅᒃᑐᕋᒐᐅᓯᒪᐸᓗᑎᒃ ᖃᓂᒋᔭᖏᓐᓂᒃ ᐊᑐᕐᓗᑎᒃ (CV), ᐆᒃᑐᕋᐅᑕᐅᐸᓗᑎᒃ ᐊᑐᒐᐅᐸᓗᑎᒡᓗ ᑭᖑᓪᓕᕐᒥᒃ ᖃᐸᓯᐅᓂᖏᓐᓂᒃ ᖃᐅᔨᓴᕐᒪᑕ, ᐃᓱᒪᒋᔭᐅᓚᐅᕐᒥᔪᑦ ᐊᖃᐅᒪᔪᑦ ᑑᒫᓖᑦ ᓄᐃᑕᖏᑐᑦ, ᐱᑕᖃᕋᓱᒋᔭᐅᐸᓗᑎᒃ ᐃᓱᒪᒋᔭᐅᓂᖏᑎᒍᑦ, ᖃᐅᔨᓴᖅᑐᑦ ᐃᓛᓐᓂᑯᑦ ᑕᑯᖏᑕᖃᖅᑕᕐᒪᑕ ᖃᐅᔨᓴᕐᓂᖏᑕ ᑎᑎᕋᖅᓯᒪᓂᖏᓐᓂ. ᐅᕐᑯᒪᐃᓐᓂᖏᑦ ᐆᒃᑐᒐᐅᓯᒪᓚᐅᕐᒪᑕ ᓈᓴᐅᒻᒥᒃ ᐊᑐᕐᓗᑎᒃ 2.80 (CV = 0.05) ᑑᒫᓖᑦ ᖃᖓᑕᖅᑎᑕᐅᓯᒪᔪᒻᒥᒃ ᖃᐅᔨᓴᕈᒻᒥᒃ ᐊᑐᓚᐅᕐᒪᑕ 9–ᖑᐸᓗᑎᒃ ᐄᐊᑦᓴᓐ ᐸᐃ ᑲᓇᖕᓇᖓᓐᓂ ᑑᒫᓖᑦ 2006–2007 ᑕᕆᐅᒻᒥ ᓄᐃᑕᓚᐅᕐᒪᑕ 0–2 ᒥᑐᒡᒥᒃ, ᐱᖓᓱᐃᑦ ᖃᖓᑕᖅᑎᑕᐅᓯᒪᔪᒃᑯᑦ ᖃᐅᔨᓴᒐᐅᔪᑦ ᖃᐅᔨᓴᒐᐅᐸᓗᑎᒃ ᐊᖃᐅᒪᓂᖏᑦ ᕿᑭᖅᑖᔫᐸ ᐃᑭᖓᓐᓂ ᑑᒫᓖᖏᓐᓂ 1999–2000, ᓂᐸᑕᓕᐅᕐᒪᑦ ᑑᒫᓕᒃ ᐃᓗᐊᓐᓂ 2011 ᖃᐅᔨᓴᕐᓂᖓᓐᓂ. ᐃᓱᒪᒋᔭᐅᓯᒪᔪᑦ ᐆᒃᑐᕋᒐᐅᐸᓗᑎᒃ

ᑲᑎᑕᐅᓯᒪᔪᓐᓂᒃ ᖃᐅᔨᓴᕐᓂᑯᓐᓂᒃ ᐃᓗᐊᓐᓂ 2018 ᑕᐅᑐᒃᓗᑎᒃ ᖃᐅᔨᓴᕐᓂᖓᑦ ᐊᕿᒃᑕᐅᓯᒪᔪᑦ ᐆᒃᑐᕋᒐᐅᓯᒪᐸᓗᓐᓂ 1.36 (CV = 0.09).

ᖃᐅᔨᓴᒐᐅᓂᖏᑦ

ᐃᓱᒪᒋᔭᐅᔪᑦ ᖃᐸᓯᐅᓂᖏᑦ ᑑᒫᓖᑦ ᑎᑎᕋᖅᓯᒪᔪᑦ ᒪᓕᒃᓗᒋᑦ ᓈᓴᐅᑎᖃᓚᐅᕐᒪᑕ 5,100 (95% CI = 3,000–8,500). ᐊᖃᐅᒪᔪᑦ ᐃᓱᒪᒋᔭᐅᕐᑯᓯᐅᑎᐸᓗᒋᑦ ᓄᐃᑕᖏᑑᒐᓗᐃᑦ ᖃᓂᒋᔭᖓᓐᓂ ᐅᓄᖅᑎᒋᓚᐅᕐᒪᑕ 19,200 (95% CI = 11,300–32,900) ᑑᒫᓖᑦ.

ᐱᔪᑕᐅᐸᓗᑎᒃ ᓇᓗᓇᕈᑕᐅᔪᑦ

ᐊᑐᐃᓐᓇᐅᓂᖓᑦ ᐊᕿᒃᑕᐅᓯᒪᔪᑦ ᐃᓕᕐᑯᓯᖏᑦ ᖃᐅᔨᓴᕐᓂᐅᐸ ᐃᓗᐊᓐᓂ ᓄᐃᑕᖏᑎᓪᓗᒋᑦ ᑑᒫᓖᑦ ᐱᐅᓂᖅᓴᐅᐸᓗᑎᒃ ᐃᓱᒪᒋᔭᐅᓯᒪᔪᑦ ᐊᑐᐃᓐᓇᐅᕗᑦ ᐅᑯᓄᖓ ᐊᐊᑦᓴᓐ ᐸᐃ ᑲᓇᖕᓇᖓᓐᓂ ᑑᒫᓖᑦ; ᑭᓯᐊᓐᓂ, ᖃᖓᑕᖅᑎᑕᐅᓯᒪᔪᒃᑯᑦ ᖃᐅᔨᓴᒐᐅᔪᑦ 9–ᑐᐊᒍᖕᒪᑕ ᐊᐊᑦᓴᓐ ᐸᐃ ᑲᓇᖕᓇᖓᓐᓂ ᑑᒫᓖᑦ ᐃᓗᐊᓐᓂ 2006–2007 ᐊᒻᒪ ᐱᖓᓱᑦ ᑑᒫᓖᑦ ᕿᒥᐅᓯᖅᑕᐅᓯᒪᔪᑦ ᕿᑭᖅᑖᓗᐸ ᐃᑭᖓᓐᓂᑦ ᖃᐸᓯᐅᓂᖏᓐᓂ 1999–2000. ᖃᐅᔨᓴᕈᑎᒃᑲᓃᑦ ᑑᒫᓕᖕᓄᑦ ᐊᕕᒃᑕᐅᓯᒪᓚᐅᕐᒪᑕ ᐲᖅᑕᐅᑲᐅᑎᒋᓂᐊᖅᓗᑎᒃ ᖃᐅᔨᓴᕐᓂᐅᐸ ᐃᓗᐊᓃᓐᓇᖅ, ᑐᑭᓯᑲᓂᕈᑕᐅᓂᐊᖅᐳᑦ ᑑᖕᒫᓖᑦ ᐃᓕᕐᑯᓯᖏᓐᓂᒃ. ᐅᓄᕐᓂᖅᓴᐅᔪᑦ ᖃᐅᔨᓴᒐᐅᓯᒪᖕᒪᑕ ᐊᐊᑦᓴᓐ ᐸᐃ ᑲᓇᖕᓇᖓᓐᓂ ᑑᒫᓖᑦ ᐋᕿᕝᕕᒃᓕᕈᑕᐅᓂᐊᕐᒪᑕ ᐊᖃᐅᒪᓂᖏᓐᓂ ᐊᒻᒪ ᐃᖏᕋᓂᖏᓐᓂ ᐊᔾᖏᖏᑐᓐᓂ ᐊᕙᑎᐅᔪᓐᓂ ᖃᓄᐃᓂᖏᓐᓂᓗ ᓇᔪᖅᐸᒃᑕᖏᑕ.

ᐃᓱᒪᕗᒍᑦ ᑕᒻᓇ ᖃᐅᔨᓴᕐᓂᖅ ᖃᐅᔨᒪᔭᐅᔪᐸ ᓄᓇᖓᑕ ᐅᖓᓯᖕᓂᖓᓐᓂᒃ ᐊᐊᑦᓴᓐ ᐸᐃ ᑲᓇᖕᓇᖓᓐᓂ ᑑᒫᓖᑦ; ᑭᑎᐊᓐᓂ ᑕᑯᔭᐅᑕᖅᓯᒪᖕᒪᑕ ᖃᐅᔨᓴᕕᐅᐸ ᓯᓚᑖᓐᓂ.

ᑭᖕᒍᓪᓖᑦ ᐅᖃᐅᓯᒃᓴᑦ

ᓄᑕᖑᖅᑎᖅᓯᒪᔪᑦ ᐱᑕᖃᕐᓂᖏᓐᓂᒃ ᖃᐅᔨᓴᕐᓂᑯᑦ ᐅᕙᖓᑦ 2018 NHB ᑑᒫᓖᑦ ᖃᐅᔨᓴᒐᐅᓂᖏᓐᓂᑦ 19,200 (95% CI = 11,300–32,900) ᑑᒫᓖᑦ. ᓯᕗᓂᕐᒥ ᖃᐅᔨᓴᕐᓂᑯᑦ, ᐃᓚᓯᒪᑲᓂᕐᓂᐊᖅᐳᑦ ᖃᐅᔨᒪᑲᓂᕈᑕᐅᓗᑎᒃ ᖃᐸᓯᐅᓂᖏᓐᓂᒃ ᐱᑕᖃᕐᓂᖏᑦ ᐊᒻᒪ ᒥᐊᓂᕆᔭᐅᓂᖏᓐᓄᑦ ᐅᖃᐅᓯᒃᓴᓐᓂᒃ NHB ᑑᒫᓖᑦ ᐊᒥᓲᓂᖏᓐᓂᑦ ᐆᒃᑐᕋᐅᑎᓐᓂᒃ ᐊᑐᕐᓗᑎᒃ.

ᑲᑎᒪᓂᕐᒥ ᐃᓚᐅᓚᐅᖅᑐᑦ

ᐊᑎᖓ	ᑎᒥᐅᔪᒻᒥᑦ
Paula Smith	ᑲᓇᑕᐅᐸ ᐃᒪᕐᒥᐅᑕᓕᕆᔨᖏ – ᐃᒪᕐᒥᐅᑕᓕᕆᔨᑦ, ᕿᑎᐊᓐᓂ ᐅᑭᐅᖅᑕᖅᑐᒥᓗ
Neville Johnson	ᑲᓇᑕᐅᐸ ᐃᒪᕐᒥᐅᑕᓕᕆᔨᖏ – ᑲᑎᑕᐅᓯᒪᔪᑦ ᑕᕆᐅᓕᕆᔫᑦ ᒥᐊᓂᕆᔭᐅᓂᖏ, ᒐᕙᒪᖃᕐᕕᖕᒥ
Marianne Marcoux	ᑲᓇᑕᐅᐸ ᐃᒪᕐᒥᐅᑕᓕᕆᔨᖏ – ᖃᐅᔨᓴᖅᑎᖏ, ᑭᑎᐊᓂ ᐅᑭᐅᖅᑕᖅᑐᒥᓗ
Cory Matthews	ᑲᓇᑕᐅᐸ ᐃᒪᕐᒥᐅᑕᓕᕆᔨᖏ – ᖃᐅᔨᓴᖅᑎᖏ, ᑭᑎᐊᓂ ᐅᑭᐅᖅᑕᖅᑐᒥᓗ
Lianne Postma	ᑲᓇᑕᐅᐸ ᐃᒪᕐᒥᐅᑕᓕᕆᔨᖏ – ᖃᐅᔨᓴᖅᑎᖏ, ᑭᑎᐊᓂ ᐅᑭᐅᖅᑕᖅᑐᒥᓗ
Chantelle Sawatzky	ᑲᓇᑕᐅᐸ ᐃᒪᕐᒥᐅᑕᓕᕆᔨᖏ – ᖃᐅᔨᓴᖅᑎᖏ, ᑭᑎᐊᓂ ᐅᑭᐅᖅᑕᖅᑐᒥᓗ
Cortney Watt	ᑲᓇᑕᐅᐸ ᐃᒪᕐᒥᐅᑕᓕᕆᔨᖏ – ᖃᐅᔨᓴᖅᑎᖏ, ᑭᑎᐊᓂ ᐅᑭᐅᖅᑕᖅᑐᒥᓗ
Stephanie Ratelle	ᑲᓇᑕᐅᐸ ᐃᒪᕐᒥᐅᑕᓕᕆᔨᖏ – ᖃᐅᔨᓴᖅᑎᖏᑦ, ᒨᐅ ᓄᓇᕐᑯᑎᖓᓂ
Nell den Heyer	ᑲᓇᑕᐅᐸ ᐃᒪᕐᒥᐅᑕᓕᕆᔨᖏ – ᖃᐅᔨᓴᖅᑎᑦ, ᒥᐊᕆᑕᐃᒻᒪᔅ ᓄᓇᕐᑯᑎᖓᓂ
Shelley Lang	ᑲᓇᑕᐅᐸ ᐃᒪᕐᒥᐅᑕᓕᕆᔨᖏ – ᖃᐅᔨᓴᖅᑎᑦ, ᒥᐊᕆᑕᐃᒻᒪᔅ ᓄᓇᕐᑯᑎᖓᓂ
Hilary Moors-Murphy	ᑲᓇᑕᐅᐸ ᐃᒪᕐᒥᐅᑕᓕᕆᔨᖏ – ᖃᐅᔨᓴᖅᑎᑦ, ᒥᐊᕆᑕᐃᒻᒪᔅ ᓄᓇᕐᑯᑎᖓᓂ
Angelia Vanderlaan	ᑲᓇᑕᐅᐸ ᐃᒪᕐᒥᐅᑕᓕᕆᔨᖏ – ᖃᐅᔨᓴᖅᑎᑦ, ᒥᐊᕆᑕᐃᒻᒪᔅ ᓄᓇᕐᑯᑎᖓᓂ
Andrew Wright	ᑲᓇᑕᐅᐸ ᐃᒪᕐᒥᐅᑕᓕᕆᔨᖏ – ᖃᐅᔨᓴᖅᑎᑦ, ᒥᐊᕆᑕᐃᒻᒪᔅ ᓄᓇᕐᑯᑎᖓᓂ

ᐊᑎᖓ	ᑎᒥᐅᔪᒻᒥᑦ
Christine Abraham	ᑲᓇᑕᐅᑉ ᐃᒪᕐᒥᐅᑕᓕᕆᔨᖏ – ᖃᐅᔨᓴᖅᑎᑦ, ᑲᓇᑕᐅᑉ ᒐᕙᒪᖃᕐᕕᖓᓂ
Emma Cooke	ᑲᓇᑕᐅᑉ ᐃᒪᕐᒥᐅᑕᓕᕆᔨᖏ – ᖃᐅᔨᓴᖅᑎᑦ, ᑲᓇᑕᐅᑉ ᒐᕙᒪᖃᕐᕕᖓᓂ
Garry Stenson (ᐃᒃᓯᕙᐅᑕᖅ)	ᑲᓇᑕᐅᑉ ᐃᒪᕐᒥᐅᑕᓕᕆᔨᖏ – ᖃᐅᔨᓴᖅᑎᑦ, ᓂᐅᕙᐅᓐᓛᓐ ᐊᒻᒪ ᓚᐸᕋᑐᐊ ᓄᓇᕐᑯᑎᖓᓂ
Pete Goulet	ᑲᓇᑕᐅᑉ ᐃᒪᕐᒥᐅᑕᓕᕆᔨᖏ – ᖃᐅᔨᓴᖅᑎᑦ, ᓂᐅᕙᐅᓐᓛᓐ ᐊᒻᒪ ᓚᐸᕋᑐᐊ ᓄᓇᕐᑯᑎᖓᓂ
Jack Lawson	ᑲᓇᑕᐅᑉ ᐃᒪᕐᒥᐅᑕᓕᕆᔨᖏ – ᖃᐅᔨᓴᖅᑎᑦ, ᓂᐅᕙᐅᓐᓛᓐ ᐊᒻᒪ ᓚᐸᕋᑐᐊ ᓄᓇᕐᑯᑎᖓᓂ
Thomas Doniol-Valcroze	ᑲᓇᑕᐅᑉ ᐃᒪᕐᒥᐅᑕᓕᕆᔨᖏ – ᖃᐅᔨᓴᖅᑎᑦ, ᐸᓯᕕᒃ ᓄᓇᕐᑯᑎᖓᓐᓂ
Sean Macchonachie	ᑲᓇᑕᐅᑉ ᐃᒪᕐᒥᐅᑕᓕᕆᔨᖏ – ᖃᐅᔨᓴᖅᑎᑦ, ᐸᓯᕕᒃ ᓄᓇᕐᑯᑎᖓᓐᓂ
Sheena Majewski	ᑲᓇᑕᐅᑉ ᐃᒪᕐᒥᐅᑕᓕᕆᔨᖏ – ᖃᐅᔨᓴᖅᑎᑦ, ᐸᓯᕕᒃ ᓄᓇᕐᑯᑎᖓᓐᓂ
Linda Nichol	ᑲᓇᑕᐅᑉ ᐃᒪᕐᒥᐅᑕᓕᕆᔨᖏ – ᖃᐅᔨᓴᖅᑎᑦ, ᐸᓯᕕᒃ ᓄᓇᕐᑯᑎᖓᓐᓂ
Strahan Tucker	ᑲᓇᑕᐅᑉ ᐃᒪᕐᒥᐅᑕᓕᕆᔨᖏ – ᖃᐅᔨᓴᖅᑎᑦ, ᐸᓯᕕᒃ ᓄᓇᕐᑯᑎᖓᓐᓂ
Brianna Wright	ᑲᓇᑕᐅᑉ ᐃᒪᕐᒥᐅᑕᓕᕆᔨᖏ – ᖃᐅᔨᓴᖅᑎᑦ, ᐸᓯᕕᒃ ᓄᓇᕐᑯᑎᖓᓐᓂ
Florian Aulanier	ᑲᓇᑕᐅᑉ ᐃᒪᕐᒥᐅᑕᓕᕆᔨᖏ – ᖃᐅᔨᓴᖅᑎᑦ, ᐸᓯᕕᒃ ᓄᓇᕐᑯᑎᖓᓐᓂ
Xavier Bordeleau	ᑲᓇᑕᐅᑉ ᐃᒪᕐᒥᐅᑕᓕᕆᔨᖏ – ᖃᐅᔨᓴᖅᑎᑦ, ᐸᓯᕕᒃ ᓄᓇᕐᑯᑎᖓᓐᓂ
Jean-Francois Gosselin	ᑲᓇᑕᐅᑉ ᐃᒪᕐᒥᐅᑕᓕᕆᔨᖏ – ᖃᐅᔨᓴᖅᑎᑦ, ᐸᓯᕕᒃ ᓄᓇᕐᑯᑎᖓᓐᓂ
Mike Hammill	ᑲᓇᑕᐅᑉ ᐃᒪᕐᒥᐅᑕᓕᕆᔨᖏ – ᖃᐅᔨᓴᖅᑎᑦ, ᑯᐃᐱᒃ ᓄᓇᕐᑯᑎᖓᓂ
Valerie Harvey	ᑲᓇᑕᐅᑉ ᐃᒪᕐᒥᐅᑕᓕᕆᔨᖏ – ᖃᐅᔨᓴᖅᑎᑦ, ᑯᐃᐱᒃ ᓄᓇᕐᑯᑎᖓᓂ
Veronique Lesage	ᑲᓇᑕᐅᑉ ᐃᒪᕐᒥᐅᑕᓕᕆᔨᖏ – ᖃᐅᔨᓴᖅᑎᑦ, ᑯᐃᐱᒃ ᓄᓇᕐᑯᑎᖓᓂ
Arnaud Mosnier	ᑲᓇᑕᐅᑉ ᐃᒪᕐᒥᐅᑕᓕᕆᔨᖏ – ᖃᐅᔨᓴᖅᑎᑦ, ᑯᐃᐱᒃ ᓄᓇᕐᑯᑎᖓᓂ
Yvan Simard	ᑲᓇᑕᐅᑉ ᐃᒪᕐᒥᐅᑕᓕᕆᔨᖏ – ᖃᐅᔨᓴᖅᑎᑦ, ᑯᐃᐱᒃ ᓄᓇᕐᑯᑎᖓᓂ
Christie McMillan	ᑲᓇᑕᐅᑉ ᐃᒪᕐᒥᐅᑕᓕᕆᔨᖏ – ᓂᕐᔪᑎᑦ ᐅᓗᕆᐊᓇᖅᓯᓯᒪᔪᑦ, ᐸᓯᕕᒃ ᓄᓇᕐᑯᑎᖓᓂ
Rikke Guldborg Hansen	ᑲᓛᑦᓖᑦ ᓄᓇᖓᓐᓂ ᓄᓇᒥᐅᑕᓕᕆᔩᑦ
Bob Bocking	LGL ᓕᒥᑎᑦ
Mark O'Connor	Lᑭᕕᒃ ᑯᐊᐳᕇᓴᓐ
Debi Palka	ᑲᓇᑕᒻᒥ ᑕᕆᐅᓕᕆᔨᑦ ᐊᒻᒪ ᓯᓚᓕᕆᔨᑦ ᑎᑎᕋᕐᕕᖓᑦ
Mark Basterfield	ᓄᓇᕗᒻᒥ ᑕᕆᐅᓕᕆᓂᕐᒧᑦ ᐆᒻᒪᔪᓕᕆᔨᑦ ᑲᑎᒪᔨᖏ
David Lee	ᓄᓇᕗᒻᒥ ᑐᖓᕕᒃᑯᑦ
Jordan Hoffman	ᓄᓇᕗᒥ ᐆᒻᒪᔪᓕᕆᔨᕐᔪᐊᑯᑦ ᑲᑎᒪᔨᖏ
Michael Ferguson	ᕿᑭᖅᑕᓂ ᐆᒻᒪᔪᓕᕆᔨᕐᔪᐊᑯᑦ ᑲᑎᒪᔨᖏ

ᑐᑭᓯᒋᐊᑲᓂᕐᕖᑦ

ᖃᐅᔨᓴᕐᓂᕐᒧᑦ ᐃᓱᒪᓕᐅᖅᑎᑦ ᐅᓂᑉᑲᖓᑦ ᐱᒋᐊᓚᐅᕐᒪᑦ ᕕᐸᕈᐊᕆ 17–22, 2020 ᑲᑎᒪᓂᖓᓐᓂᑦ ᑲᓇᖕᓇᖓᓐᓂ ᕼᐊᑦᓴᓐ ᐸᐃ ᑑᒫᓖᖕᑕ – ᐱᑕᖃᕐᓂᖏᓐᓂᒃ ᐃᓱᒪᓕᐅᒐᐅᓯᒪᔪᑦ ᐊᒻᒪ ᑲᔪᓯᓐᓇᖅᑐᓂᒃ ᐊᖑᓇᓱᖕᓂᕐᒧᑦ ᐃᓱᒪᒋᔭᐅᓂᖏᑦ. ᐅᖃᓕᒫᒐᐃᑦ ᑲᑎᒪᓂᕐᒥ ᑕᑯᒃᓴᐅᑎᑕᐅᓂᐊᖅᐳᑦ ᐃᒪᕐᒥᐅᑕᓕᕆᔨᑦ ᑲᓇᑕᒻᒥ (DFO) ᖃᐅᔨᓴᕐᓂᕐᒧᑦ ᐃᓱᒪᓕᐅᖅᑎᑦ ᒪᓕᒐᒃᓴᖏ ᐊᑐᐃᓐᓇᐅᓕᕋᖓᑕ.

Watt, C.A., Hornby, C., and Hudson, J. 2020. Narwhal (*Monodon monoceros*) abundance estimate from the 2018 aerial survey of the Northern Hudson Bay population. DFO Can. Sci. Advis. Sec. Res. Doc. 2020/073. iv + 15 p.

ᑕᒪᓇ ᐅᓂᐸᒃᖅ ᐱᔭᐅᔫᓪᓗᐊᖅᑐᖅ ᐅᕙᖓᑦ:

Center for Science Advice (CSA)
Central and Arctic Region
Fisheries and Oceans Canada
501 University Crescent
Winnipeg, Manitoba R3T 2N6

ᐅᖃᓗᑎᖓ: 204-983-5131
ᖃᓇᑕᐅᔭᒃᑯᑦ: xcna-csa-cas@dfo-mpo.gc.ca
ᖃᓇᑕᐅᔭᒻᒥ: www.dfo-mpo.gc.ca/csas-sccs/

ISSN 1919-5087
© ᑯᐃᓐ ᑭᒐᖅᑐᖅᑎᖓ ᑲᓇᑕᒻᒥ, 2020

ᐊᕿᒋᐊᑲᓂᖅᓯᒪᔪᖅ ᕿᒥᕈᐊᕐᒥ ᑕᐸᕙᓐᓂ:

ᐃᒪᕐᒥᐅᑕᓕᕆᔨᑦ. 2020. ᐱᑕᖃᕐᓂᖏᓐᓂᒃ ᖃᐅᔨᓴᒐᐅᓐᓂᑯᑦ ᑲᓇᖕᓇᖓᓐᓂ ᕼᐊᑦᓴᓐ ᐸᐃ ᑑᒫᓕᖏᑕ ᐅᓄᕐᓂᖏᑦ ᐅᕙᖓᑦ 2018 ᖃᖓᑕᐅᐸᓗᑎᒃ ᖃᐅᔨᓴᕐᓂᑯᑦ. ᐃᒪᕐᒥᐅᑕᓕᕆᔨᑦ ᑲᓇᑕᒻᒥ ᖃᐅᔨᓴᖅᑎᑦ ᐃᓱᒪᓕᐅᖅᑎᖏᑦ Sci. Advis. Sec. Sci. Advis. Rep. 2020/055.

Also available in English:

DFO. 2020. Abundance Estimate of the Northern Hudson Bay Narwhal Population from the 2018 Aerial Survey. DFO Can. Sci. Advis. Sec. Sci. Advis. Rep. 2020/055.

Aussi disponible en français :

MPO. 2020. Estimation de l'abondance de la population de narvals du nord de la baie d'Hudson d'après le relevé aérien de 2018. Secr. can. de consult. sci. du MPO, Avis sci. 2020/055.