ᕿᑎᖏᐅᑦ ᐆᒪᔪᓕᕆᔨᖅᑯᑦ ᑲᑎᒪᔨᖏᑦ

Kitikmeot Regional Wildlife Board

ᒪᐃ 20, 2014

ᓄᓇᕗᑦ ᐆᒪᔪᓕᕆᔨᕐᔪᐊᖏᑕ ᑲᑎᒪᔨᖏᓐᓄᑦ
ᑎᑎᖃᐅᓯᕕᐆᒃ ᓈᓴᐅᑎᖓ 1379
ᐃᖃᓗᐃᑦ, ᓄᓇᕗᑦ
X0A 0H0

ᐅᖃᐅᓯᕆᔭᕗᑦ: ᕿᑎᕐᒥᐆᑦ ᐆᒪᔪᓕᕆᔨᖏᑦᑕ ᑲᑎᒪᔨᖏᑦ ᑐᑭᓕᐆᕐᓯᒪᔭᖓ ᐊᖏᕐᑕᐅᔪᒪᓗᑎᒃ ᐆᒪᔪᓕᕆᔨᕐᔪᐋᑯᓐᓂᑦ ᖃᒋᐅᔭᑉ ᓇᓄᕐᓯᐅᕐᕕᖓᓐᓄᑦ ᓴᕕᒃᑕᖅᓂ/ᓂᕕᖓᑖᖑᐋᖏᓐᓂᑦ ᑐᒃᓯᕐᑕᐅᔪᓐᓂᒃ ᐅᕐᓱᕐᑑᕐᒥᐆᓂᑦ ᐊᒪᓗ ᐃᖃᓗᒃᑑᑎᐋᕐᒥᐆᓂᑦ

ᔪᓐ 2013ᖑᑎᓗᒍ, ᓄᓇᕗᑦ ᐆᒪᔪᓕᕆᔨᕐᔪᐋᖏᑦ ᑐᓴᓚᐅᕐᑐᑦ ᓄᓇᓕᖕᓂᑦ, ᕿᑎᕐᒥᐆᑦ ᐆᒪᔪᓕᕆᔨᖏᓐᓂᑦ ᐊᒪᓗ, ᓄᓇᕗᑦ ᑐᖓᕕᒃᑯᖏᓐᓂᑦ ᐃᓗᐋᖏᓐᓂᖓᓐᓂᑦ ᐃᓐᓄᖕᓄᑦ ᓇᓐᓄᒃᑕᐃᓕᔭᐅᓯᒪᓂᖏᓐᓄᑦ ᖃᒋᐅᔭᑉ ᑕᕐᕆᐅᖓᓐᓂᑦ ᐱᓗᐋᕐᑐᒥᑦ ᐃᓄᖕᓄᑦ ᕿᑎᕐᒥᐆᑕᕐᓂᑦ.

2001ᒥᑦ 2004ᒧᑦ, ᓇᓐᓄᒃᑕᐃᓕᔭᐅᓚᐆᕐᒪᑕ ᐃᓄᐃᑦ ᖃᒋᐅᔭᑉ ᑕᕆᐅᖓᓐᓂᑦ. 2005ᒥᑦ ᐅᑉᓗᒥᒧᑦ, ᓇᓐᓄᒃᑕᕆᔭᐅᔪᖕᓇᕐᑐᑦ ᐱᖓᓱᖕᒪᑕ ᐊᒪᓗ, ᐅᕐᓱᕐᑑᕐᒥᐆᓐᓂᑦ, ᐃᖃᓗᒃᑑᑦᑎᐋᕐᒥᐅᓂᒃᓗ ᐊᑐᕐᑕᐅᓕᕐᐸᒃᓗᑎᒃ ᐊᕐᕌᒍᑦ ᐱᖃᑖᓂᑦ.

ᓇᓐᓄᒃᑕᐃᓕᔭᐅᓂᕐ ᐊᒪᓗ, ᓇᓐᓄᒃᑕᐅᔪᖕᓇᕐᑐᑦ ᐊᒥᓱᖏᓐᓂᖏᓐᓄᑦ ᐊᖏᔪᒥᒃ ᐃᓗᐋᖏᓂᓕᐅᕈᑎᖃᕐᒪᑦ ᐃᓄᖕᓄᑦ. ᑕᒪᓐᓇ ᐊᔾᐅᖏᑐᒥᒃ ᑕᐅᑐᖕᓇᕐᑎᑎᓕᕐᒪᑦ ᐃᓐᓇᑐᖃᐃᑦᓗ ᓇᓐᓄᕐᓯᐅᕐᓂᕐᒧᑦ ᐃᓕᓐᓂᐋᕐᑎᑎᓂᖏᑦ ᐊᓯᖑᕐᓗᓂ ᓄᑕᖃᒥᓐᓄᑦ. ᐊᓯᖑᕐᑎᑎᖏᔪᕐ ᓄᓇᓇᒥᑦ ᖃᐅᔨᒪᔭᒥᓂᒃ ᓇᓐᓂᐋᕐᓗᑎᒃ ᐊᑐᕋᑕᖏᓕᕐᒪᔪᒃ ᐊᐸᕐᑯᑎᑐᖃᖓ ᐊᒪᓗ ᓇᓐᓄᖃᕋᔪᒃᑐᑦ ᖃᐅᔨᒪᔭᐅᖏᓕᕐᓗᑎᒃ.

ᓇᓐᓄᒃᑎᑕᐅᓂᕐ ᐊᔪᓕᕐᑎᑕᐅᓚᐆᕐᑐᑦ ᐱᔪᑕᐅᓗᓂ ᓇᓐᓄᐃᑦ ᐊᒥᓱᖑᓇᐋᑯᔭᐅᓗᑎᒃ ᑲᕙᒪᑯᓐᓂᑦ. ᐃᓄᖕᓂᑦ ᑕᒪᓐᓇ ᐅᖃᐅᓯᐅᖃᓚᐆᕐᑐᕐ ᑲᕙᒪᑯᓐᓄᑦ ᓇᓐᓄᖃᑎᐋᖏᓕᕐᓂᖓ. ᐃᓐᓄᐃᑦ ᓯᕗᓪᓕᐆᓗᑎᒃ ᐅᖃᓕᕐᒥᔪᑦ ᐊᒪᓗ ᑐᓴᕐᑎᑎᓕᕐᓗᑎᒃ ᓄᖃᕐᑎᑕᐅᓯᒪᓂᖏᓄᑦ ᓵᓚᒋᔭᐅᔪᑐᑦ ᑐᑭᖃᓕᕐᒪᑦ. ᐅᑭᐆᕐᓄᑦ 7 ᐅᖓᑖᓐᓄᑦ, ᑐᓴᕐᑎᑎᓕᕐᑐᒍᑦ ᑲᕙᒪᑯᓐᓄᑦ ᐊᒪᓗ ᐆᒪᔪᓕᕆᔨᕐᔪᐋᑯᓐᓄᑦ ᓇᓐᓄᐃᑦ ᐊᒥᓱᓂᕐᓴᐅᓕᕐᑐᑦ ᐊᒪᓗ, ᐊᒥᓱᓂᕐᓴᓂᑦ ᓇᓐᓄᒐᒃᓴᕐᓂᑦ ᑐᓂᔭᐅᔪᖕᓇᓕᕐᓗᑎᒃ ᐱᔪᑎᒋᓗᒍ ᐃᓄᖕᓄᑦ ᐊᒃᓱᕈᑕᐅᔪᕐ ᐊᓯᐅᔾᔭᐅᓕᕐᑐᕐᓗ ᓇᓐᓄᕐᓯᐅᕐᓂᐅᒃ ᐃᓕᕐᑯᓯᖓᑕ ᒥᒃᓵᓐᓄᑦ ᐊᑐᕐᑕᐅᖏᓐᓂᕐᓴᐅᓂᐋᕐᒪᑦ.

ᐃᓐᓄᐃᑦ ᖃᐅᔨᒪᔭᑐᕐᖃᖓ ᒪᓕᒃᓗᒋᑦ ᐊᒪᓗ ᓇᓐᓄᓕᕆᔨᓐᓂᑦ ᓈᓴᐃᔨᓐᓂᑦ ᑐᓴᕋᑕᓕᕐᓗᓂ, ᓇᓐᓄᕐᑲᕐᓂᕐᓴᐅᓕᕐᓂᖓ ᖃᐅᔨᒪᓐᓇᕐᓯᔪᕐ (ᑕᑯᒋᐋᕐᓗᒍ Appendixᓚᓯᒪᔪᕐ). ᖃᐅᔨᓴᕐᑕᐅᓚᐆᕐᓂᖓᑕ ᓇᓐᓄᐃᑦ ᖃᒋᐅᔭᑉ ᑕᕆᐅᖓᓐᓂᑦ ᒪᓕᒃᓗᒍ ᑐᑭᓯᓐᓇᕐᓯᔪᕐ ᐊᒥᓱᓂᕐᓴᐅᓕ1ᕐᑐᑦ ᓇᓐᓄᐃᑦ ᐊᒪᓗ 400 ᖃᓂᖓᓃᓐᓇᓱᒋᔭᐅᓕᕐᓗᑎᒃ. ᑕᒪᓐᓇ ᐱᔪᑎᒋᓗᒍ, ᐊᒪᓗ ᐊᑕᐅᓯᐅᖏᑐᓐᓂᒃ ᑐᓴᕐᑎᑕᐅᓕᕐᓗᑕ, ᕿᑎᕐᒥᐆᑦ ᐆᒪᔪᓕᕆᔨᖏᑕ ᑲᑎᒪᔨᖏᑦ ᑐᒃᓯᕋᓕᕐᑐᑦ ᓇᓐᓄᒐᒃᓴᐃᑦ ᐊᒥᓱᓂᕐᓴᐅᓕᕋᓗᐋᕐᐸᑕ ᖃᓄᐃᓇᔭᖏᑐᕐ.

ᐊᒪᓗ, ᓄᓇᕗᑦ ᑲᕙᒪᖏᑦ ᓈᓴᐃᔪᒫᓕᕐᒪᑕ ᓇᓐᓄᕐᓂᑦ ᑲᒋᐅᔭᑉ ᑕᕆᐅᖓᓐᓂᑦ. ᓄᓇᓖᑦ ᐃᑲᔪᕈᒪᓂᖏᑦ ᑕᐅᑐᖕᓇᕐᓗᓂ ᑕᒪᓐᓇ ᐱᔪᑕᐅᓗᓂ. ᐅᑕᕿᕗᒍᑦ ᓈᓴᐃᑖᕐᐸᑕ ᑐᓴᕐᕈᖕᓇᕐᓯᓂᐋᕐᑐᒍᑦ ᐅᑭᐆᑦ ᐊᑕᐅᓯᐅᖏᑐᓐᓄᑦ ᐊᒪᓗ ᐊᒥᓱᓗᐋᖏᑐᓐᓄᑦ. ᐅᑕᕿᓂᐸᑎᓐᓂᑦ, RWO ᑐᒃᓯᕋᕐᑐᑦ ᐊᒥᓱᖑᓇᐋᑯᔨᓗᑎᒃ ᓇᓐᓄᒐᒃᓴᕐᓂᑦ ᐱᔪᑎᒋᓗᒍ ᐃᓚᖓᕐᑎᕐᓗᐋᕐᓂᐋᖏᓐᓇᓱᒋᔭᐅᓗᑎᒃ ᓇᓄᐃᑦ ᐊᒪᓗ ᓯᕕᑐᔪᒥᒃ ᐃᓚᖓᕐᑎᕈᑕᐅᓂᐋᖏᓐᓇᓱᒋᔭᐅᖓᑦ.

ᐃᓚᒋᐋᕈᑕᐅᔪᑦ ᑎᑎᕋᕐᓯᒪᔪᑦ ᑐᒃᓯᕋᐅᑕᐅᔪᒧᑦ

ᐃᓄᐃᑦ ᖃᐅᔨᒪᔭᑐᖃᖏᑦ ᐊᒪᓗ ᓄᓇᓕᖕᓂᑦ ᖃᐅᔨᒪᔭᐅᔪᑦ:

1. ᐃᓄᐃᑦ ᖃᐅᔨᒪᔭᖏᑦ ᓇᓐᓄᕐᓄᑦ ᐅᕐᓱᕐᑑᕐᒥᐅᑦ ᐆᒪᔪᓕᕆᔨᖏᓐᓂᑦ ᑎᑎᖃᓕᐆᕐᑕᐅᓚᐆᕐᑐᕐ ᑎᐅᔭᓐ ᑮᑦ ᐃᑲᔪᕐᑎᖃᕐᓗᓂ ᔨᐅᕆ ᐊᕐᕕᕐᒥᑦ, ᓗᐃ ᖃᒧᕐᑲᒃ, ᔭᑭ ᐊᒥᕋᓕᒃ ᐊᒪᓗ ᐅᕐᓱᕐᑑᑉ ᐆᒪᔪᓕᕆᔨᖏᑕ ᑲᑎᒪᔨᖏᓐᓂᑦ. ᑕᒪᑯᐋᑦ ᑎᑎᖃᓕᐆᕐᑕᐅᔪᑦ ᐱᑕᖃᕐᑐᑦ ᐃᓐᓄᐃᑦ ᖃᐅᔨᒪᔭᑐᖃᖏᓐᓂᑦ ᓇᓐᓄᐃᑦ ᐊᕙᖕᒧᒃᑕᕐᓂᖏᓐᓄᑦ ᐊᒪᓗ ᐊᖑᓇᓱᒃᑏᑦ ᑕᑯᕋᑦᑕᖏᓐᓂᑦ ᓇᓐᓄᐃᑦ ᓇᔪᕋᑦᑕᑐᖃᖏᓐᓄᑦ ᑲᒋᐅᔭᕐᒥᑦ.

2. ᑲᓐᓇᑕᒥᑦ ᐆᒪᔪᓕᕆᔨᑦ ᑎᑎᕋᕐᕕᖓ ᐊᒪᓗ ᓄᓐᓇᕗᑦ ᑐᓴᒐᒃᓴᓕᐆᕐᓂᐆᑉ (2009). ᑕᒪᓐᓇ ᑐᓴᒐᒃᓴᓕᐆᕐᑕᐅᔪᕐ ᓄᓐᓇᓕᖕᓂᑦ ᐅᖃᐅᓯᐅᔪᓂᑦ ᓇᓐᓄᓕᕆᓂᕐᒧᑦ ᐱᑕᖃᕐᑐᕐ ᓄᓐᓇᕗᑦ ᐃᓗᐋᓂᑦ.

ᓇᓐᓄᓕᕆᔨᑦ ᖃᐅᔨᓴᕐᑏᑦ ᑐᓴᒐᒃᓴᓕᐆᕐᑕᖏᑦ:

1. ᐅᖃᐅᓯᐅᓚᐆᕐᑐᕐ 2013 ᓇᓐᓄᓕᕆᔨᑦ ᑲᑎᒪᔨᖏᓐᓄᑦ ᐊᖏᓚᐆᕐᑐᑦ ᓇᓐᓄᓕᕆᔨᑦ ᑲᑎᒪᔨᖏᓐᓄᑦ ᑎᑎᖃᓕᐆᕐᑕᐅᔪᑦ, ᖃᒋᐅᔭᑉ ᑕᕆᐆᖓ ᓇᓐᓄᐃᑦ ᐊᒥᓲᓂᖏᑦ ᐃᓚᒋᐋᕋᓱᒋᔭᐅᓚᐆᕐᑐᕐ ᐊᒪᓗ ᐊᒥᓱᖓᕐᐸᓕᐋᓇᓱᒋᔭᐅᓗᑎᒃ.

2. ᐅᖃᐅᓯᐅᓚᐆᕐᑐᕐ 2013 ᓄᓇᕐᔪᐋᑉ ᑲᑎᒪᔨᖏᓐᓄᑦ ᓇᓐᓄᓕᕆᔨᖏᓐᓄᑦ ᑎᑎᖃᓕᐆᕐᓯᒪᔭᖏᓐᓄᑦ, ᖃᒋᐅᔭᑉ ᓈᓐᓄᖏᑦ ᐊᒥᓱᖑᕐᐸᓕᐋᓇᓱᒋᔭᐅᖓᒪᑕ ᐊᒪᓗ ᐃᓚᒋᐋᕐᐸᓕᐋᓇᓱᒋᔭᐅᓗᑎᒃ.

3. Van Coeverden de Groot ᐊᓯᖏᑦᓗ 2013ᒥᑦ ᖃᐅᔨᓚᐆᕐᑐᑦ 59-82ᒧ ᓇᓐᓄᕐᓯᓚᐆᕐᑐᑦ ᖃᒋᐅᔭᑉ ᑕᕆᐅᖓᓂᑦ ᐃᓚᐃᓐᓇᑯᓗᐋᓂᑦ ᓇᓐᓄᓕᕆᓗᑎᒃ ᐊᒪᓗ ᒥᕐᑯᖏᓐᓂᑦ ᖃᐅᔨᓴᕐᓗᑎᒃ.

4. ᒪᕈᑦ ᓇᓐᓄᓕᕆᔪᑏᑦ ᐊᑐᕐᑕᐅᓛᖑᕋᑕᕐᑐᑦ ᖃᐅᔨᓴᕐᑎᓗᒋᑦ ᐊᑐᕐᑕᐅᓚᐆᕐᒪᑦᑕ RISKMAN (version 1.9.007), ᓇᓪᓗᓇᐃᕈᑕᐅᓚᐆᕐᑐᕐ ᓇᓄᕐᑲᕐᓂᖓ 390 ᐊᒪᓗ, ᖃᐅᔨᒪᓐᓇᓱᒋᔭᐅᓕᕐᓗᑎᒃ ᑭᓯᐋᓂᑦ ᐃᓱᒪᒋᓗᒍ ᓇᓗᓇᖏᓂᖃᕋᓱᒋᔭᐅᓚᐆᕐᑐᕐ ᓇᓐᓄᐃᑦ ᐃᓐᓇᕈᓕᕐᓂᖏᑦ ᒥᑯᓗᐋᖏᑉᑕ ᓇᓐᓄᖃᕋᓱᒋᔭᐅᓚᐆᕐᑐ 490 ᖃᓂᖓᓐᓂᑦ ᐊᒪᓗ ᓇᓐᓄᐃᑦ ᒥᑭᓗᐋᕐᑉᑕ ᑕᐃᒪᓐᓇᐃᖏᓇᓱᒋᔭᐅᓕᕐᓗᑎᒃ. ᐊᔨᖓᓐᓂᑦ ᓇᓗᓇᐃᕐᓂᖃᓚᐆᕐᑐᑦ ᐊᑐᕐᑕᐅᑎᓗᒍ RISKMAN (version 1.9.9.34) ᖃᐅᔨᓴᕐᑕᐅᑎᓗᒋᑦ ᓇᓗᓇᐃᑯᑎ ᓈᓴᐅᑎ ᐊᑐᕐᓗᒍ 1. ᓈᓴᐅᑎ 2. ᐊᑐᕐᑕᐅᔪᖕᓇᓚᐆᖏᑐᕐ 1.9.9.34 ᐱᔪᑎᒋᓗᒍ ᐃᓗᐋᕐᓯᓯᒪᑎᐋᖏᓂᖓᓄᑦ. ᖃᐅᔨᒪᓐᓂᐋᕐᐳᓯ version 1.9.9.34 ᐃᓄᖕᓄᑦ ᑕᑯᔭᒃᓴᐅᖏᒪᑦ ᐊᒪᓗ ᓴᓇᑖᕐᓯᒪᖏᓗᓂ.

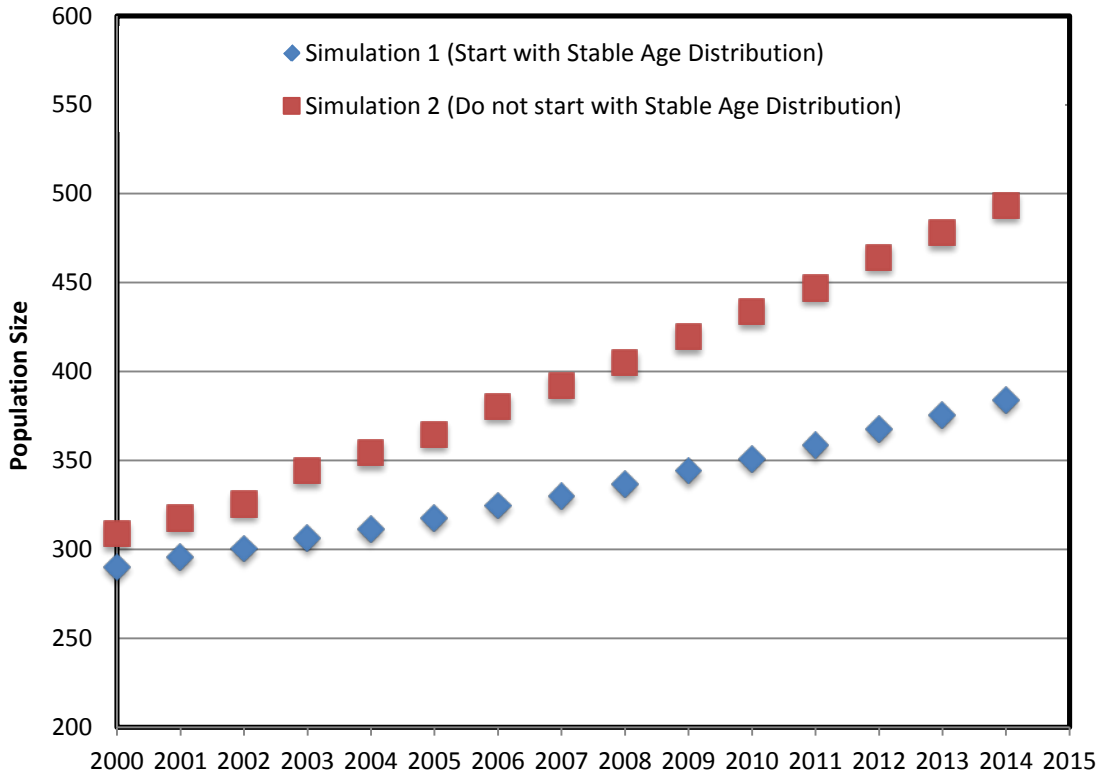
   a. ᐆᒃᑐᕋᐅᑕᐅᔪᕐ 1 ᑕᐅᑐᒃᑐᕐ ᓇᓐᓄᕐᓂᑦ 380 ᖃᓂᖓᓐᓂᑦ 2014ᖑᑎᓗᒍ ᐅᑯᐋᑦ ᐃᓱᒪᒋᔭᐅᔪᑦ ᒪᓕᒃᓗᒋᑦ:

      i. ᓯᕗᓕᕐᒥᑦ ᓇᓐᓄᐃᑦ ᐊᒥᓲᓂᖏᑦ = 284 (SE = 59.3)
      ii. ᐱᒋᐋᕐᓗᒍ ᐊᒥᓲᓂᖏᑦ ᓇᓐᓄᐃᑦ ᐃᓚᒋᐋᖏᓐᓂᖏᑦ ᐊᒪᓗ ᐃᓚᖓᕆᐋᖏᓂᖏᑦ

iii. ᐊᒥᓲᓂᖏᑦ ᐃᓚᖓᕐᑕᐅᔪᓐᓇᕐᑐᑦ ᓂᕐᔪᑏᑦ 2000ᒥᑦ ᐱᒋᐊᕐᓗᒍ 2014ᒧᑦ ᑭᒃᓕᕐᑲᕐᓗᒍ = 3
iv. ᓇᓄᒃᑕᐅᔪᓐᓇᕐᑐᑦ ᐊᕐᓇᓗᑦ ᐅᑭᓘᓃᑦ ᐊᖑᓴᓗᑦ (ᐊᕐᓇᓗᐃᑦ ᐃᓚᖓᕐᑕᐅᔪᓐᓇᕐᑐᑦ = 0.33)
v. ᐊᑐᕐᑕᐅᔪᓐᓇᕐᑐᑦ ᐃᓗᐊᓛᖑᔪᑦ ᑎᒍᔭᐅᔪᑦ ᑏᓗᒥᑦ ᐊᓯᖏᓂᓗ 2006ᒥᑦ
vi. ᐊᓐᓂᐅᒪᔪᓐᓇᕐᓂᖏᑦ ᓇᓐᓄᐃᑦ ᑎᒍᔭᐅᔪᑦ ᑏᓗᒥᑦ ᐊᓯᖏᓂᓗ 2006ᒥᑦ

b. ᐆᒃᑐᕋᐅᑎ 2 ᑕᐅᑐᖑᐋᕐᓗᒍ ᑕᐅᑐᒃᑐᒍᑦ ᓇᓐᓄᕐᓂᑦ 490 ᕿᓂᖓᓐᓂᑦ 2014ᒥᑦ ᐊᒪᓗ ᐃᓱᒪᒋᔭᕗᑦ ᐊᒥᓲᓂᖏᑦ:

i. ᐊᒥᓲᓂᖏᑦ ᐱᒋᐊᓖᕐᑎᓗᒍ - 284 (SE = 59.3)
ii. ᐊᑐᖏᓗᒍ ᐊᒥᓲᓂᖏᑦ, ᐃᓚᒋᐊᕐᐸᓕᐊᓂᖏᑦ ᐊᒪᓗ, ᐃᓚᖓᕐᐸᓕᐊᓂᖏᑦ
iii. ᓇᓐᓄᒃᑕᐅᔪᓐᓇᕐᓂᖏᑦ 2000ᒥᑦ 2014 = 3
iv. ᓇᓐᓄᒃᑕᐅᔪᓐᓇᕐᑐᑦ ᐊᕐᓇᓗᖏᑦ ᐅᑭᓘᓃᑦ ᐊᖑᓴᓗᓂᑦ (ᐃᓚᖏᑦ ᐊᕐᓇᓗᐃᑦ ᐊᒥᓲᓐᓂᖏᑦ = 0.33)
v. ᐊᑐᕐᑕᐅᔪᓐᓇᕐᑐᑦ ᐱᑕᐅᓛᖑᔪᑦ ᓈᓴᐅᑎᑦ ᑎᒍᔭᐅᔪᑦ ᑏᓗᒥᑦ ᐊᓯᖏᓂᓗ 2006ᒥᑦ ᐊᓐᓂᐅᒪᔪᓐᓇᕋᓱᒋᔭᐅᔪᑦ ᐊᒥᓲᓂᖏᑦ ᑎᒍᔭᐅᔪᑦ ᑏᓗᒥᑦ ᐊᓯᖏᓂᓗ 2006ᒥ



ᐆᒃᑑᑎ 1. ᐊᒥᓲᓂᖏᑦᑕ ᑕᐅᑐᒃᑕᐅᓂᖓ ᐃᓱᒪᒋᓗᒍ RISKMAN ᐊᑐᕐᓗᒍ