

**From:** [Scholl, Matthew \(Fed\)](#)  
**To:** [Hogan, Michael D. \(Fed\)](#)  
**Subject:** Re: Reports from ISO-IEC/JTC1/SCG2 on QC  
**Date:** Monday, February 25, 2019 2:56:05 PM

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You are correct and our plan is for the standards to be available in 2022-2024

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**From:** "Hogan, Michael D. (Fed)" <m.hogan@nist.gov>  
**Date:** Monday, February 25, 2019 at 2:30 PM  
**To:** "Scholl, Matthew (Fed)" <matthew.scholl@nist.gov>  
**Subject:** RE: Reports from ISO-IEC/JTC1/SCG2 on QC

I will give Steve whatever timeframe that you wish.

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**From:** Scholl, Matthew (Fed)  
**Sent:** Monday, February 25, 2019 2:29 PM  
**To:** Hogan, Michael D. (Fed) <m.hogan@nist.gov>  
**Subject:** RE: Reports from ISO-IEC/JTC1/SCG2 on QC

Technically we are still in that bracket?

----- Original Message -----

From: "Hogan, Michael D. (Fed)" <[m.hogan@nist.gov](mailto:m.hogan@nist.gov)>  
Date: Mon, February 25, 2019 2:24 PM -0500  
To: "Jillavenkatesa, Ajit (Fed)" <[ajit.jilla@nist.gov](mailto:ajit.jilla@nist.gov)>, "Goldstein, Barbara L. (Fed)" <[barbara.goldstein@nist.gov](mailto:barbara.goldstein@nist.gov)>, "Mink, Alan (Assoc)" <[alan.mink@nist.gov](mailto:alan.mink@nist.gov)>, "Boisvert, Ronald F. (Fed)" <[boisvert@nist.gov](mailto:boisvert@nist.gov)>  
CC: "Williams, Carl J. Dr. (Fed)" <[carl.williams@nist.gov](mailto:carl.williams@nist.gov)>, "Boehm, Jason (Fed)" <[jason.boehm@nist.gov](mailto:jason.boehm@nist.gov)>, "Evans, Heather (Fed)" <[heather.evans@nist.gov](mailto:heather.evans@nist.gov)>, "Gillerman, Gordon (Fed)" <[gordon.gillerman@nist.gov](mailto:gordon.gillerman@nist.gov)>, "Scholl, Matthew (Fed)" <[matthew.scholl@nist.gov](mailto:matthew.scholl@nist.gov)>  
Subject: RE: Reports from ISO-IEC/JTC1/SCG2 on QC

The report states "NIST believes that quantum-safe cryptographic standards should be available in the 2012-2024 timeframe."

I asked Steve Holbrook (IBM) last November to correct that to "2022-2024 timeframe." Oh well, I'll try again.

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**From:** Jillavenkatesa, Ajit (Fed)  
**Sent:** Monday, February 25, 2019 6:12 AM  
**To:** Goldstein, Barbara L. (Fed) <[barbara.goldstein@nist.gov](mailto:barbara.goldstein@nist.gov)>; Mink, Alan (Assoc) <[alan.mink@nist.gov](mailto:alan.mink@nist.gov)>; Boisvert, Ronald F. (Fed) <[boisvert@nist.gov](mailto:boisvert@nist.gov)>; Hogan, Michael D. (Fed) <[m.hogan@nist.gov](mailto:m.hogan@nist.gov)>  
**Cc:** Williams, Carl J. Dr. (Fed) <[carl.williams@nist.gov](mailto:carl.williams@nist.gov)>; Boehm, Jason (Fed) <[jason.boehm@nist.gov](mailto:jason.boehm@nist.gov)>; Evans, Heather (Fed) <[heather.evans@nist.gov](mailto:heather.evans@nist.gov)>; Gillerman, Gordon (Fed)

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**Subject:** Reports from ISO-IEC/JTC1/SCG2 on QC

Folks – FYI ONLY.

Information from the 2<sup>nd</sup> meeting of the ISO-IEC/JTC1 Study Group on Quantum Computing. The study report has a section on NIST – mostly focused on ITL's PQC work.