

Appendix J – Quality Level and Update Frequency Maps

Inland Topography Quality Level Requirements

Respondents were asked what 3D topographic data Quality Level they require for the Inland Topography portion of their MCA. Figures J.1 – J.5 below show the spatial distribution of the Quality Level responses. Each map shows the number of MCAs with one of the following Quality Level requirement options: QL0HD, QL0, QL1HD, QL1, and QL2. Areas with darker colors have greater numbers of areas of interest.

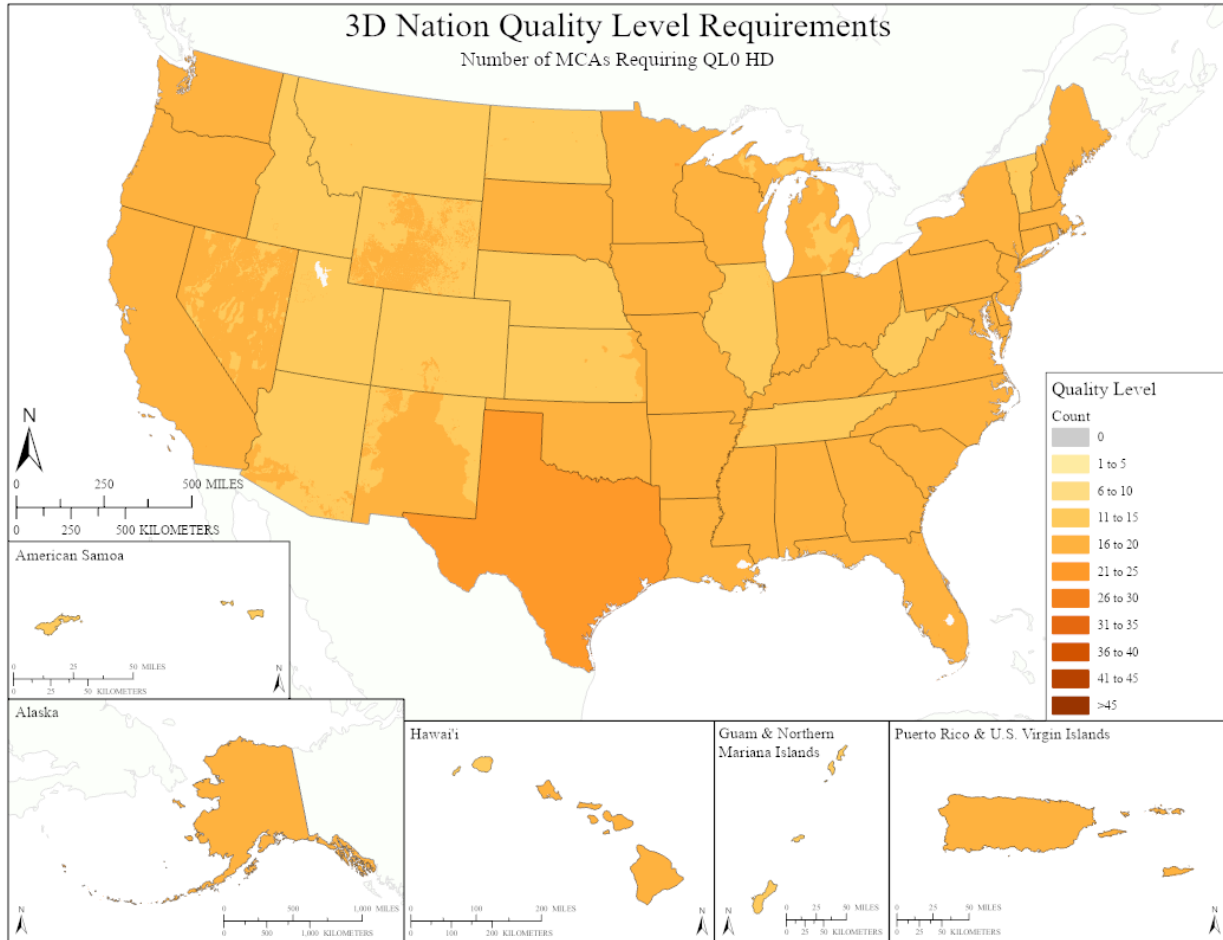


Figure J.1. Number of MCAs for which QL0HD data are required for Inland Topography

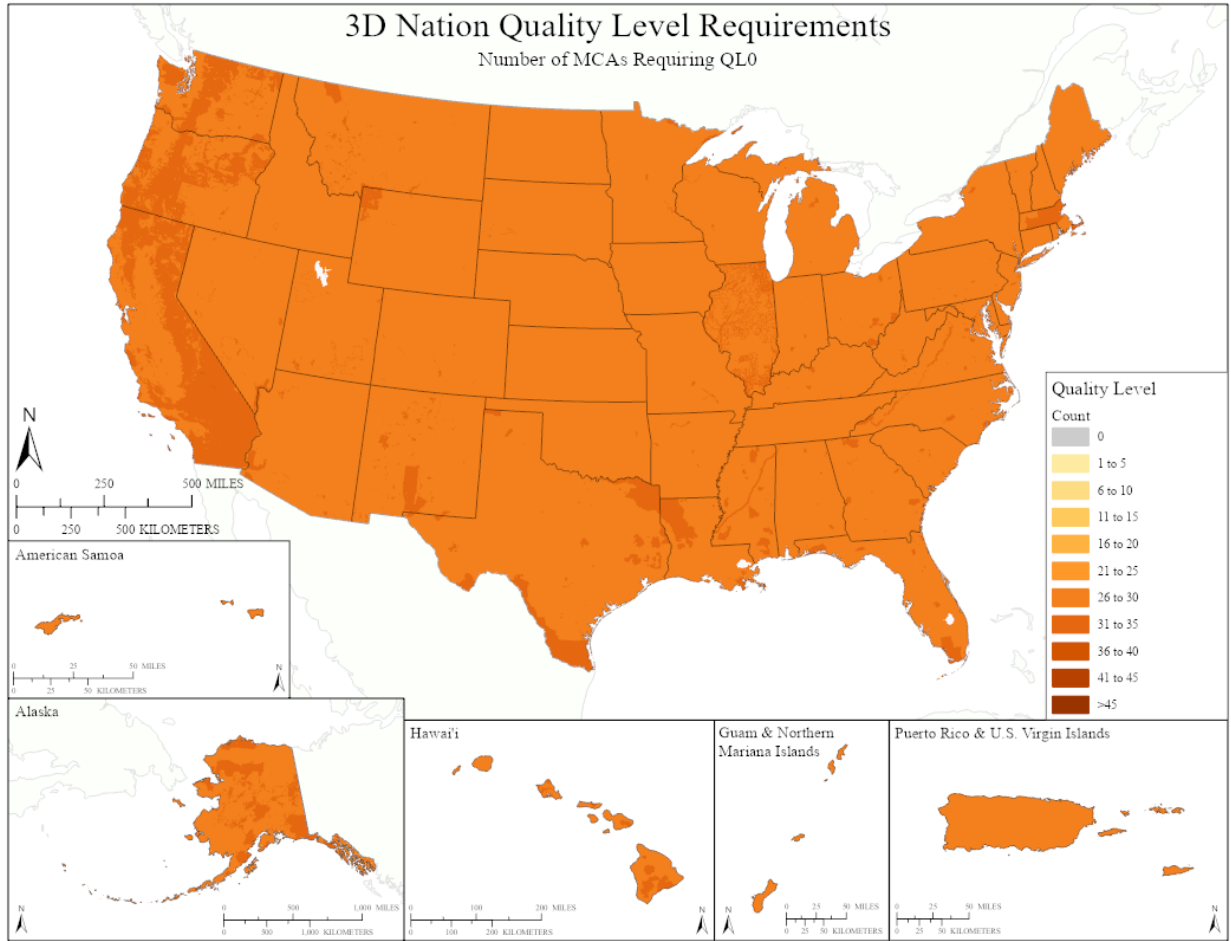


Figure J.2. Number of MCAs for which QL0 data are required for Inland Topography

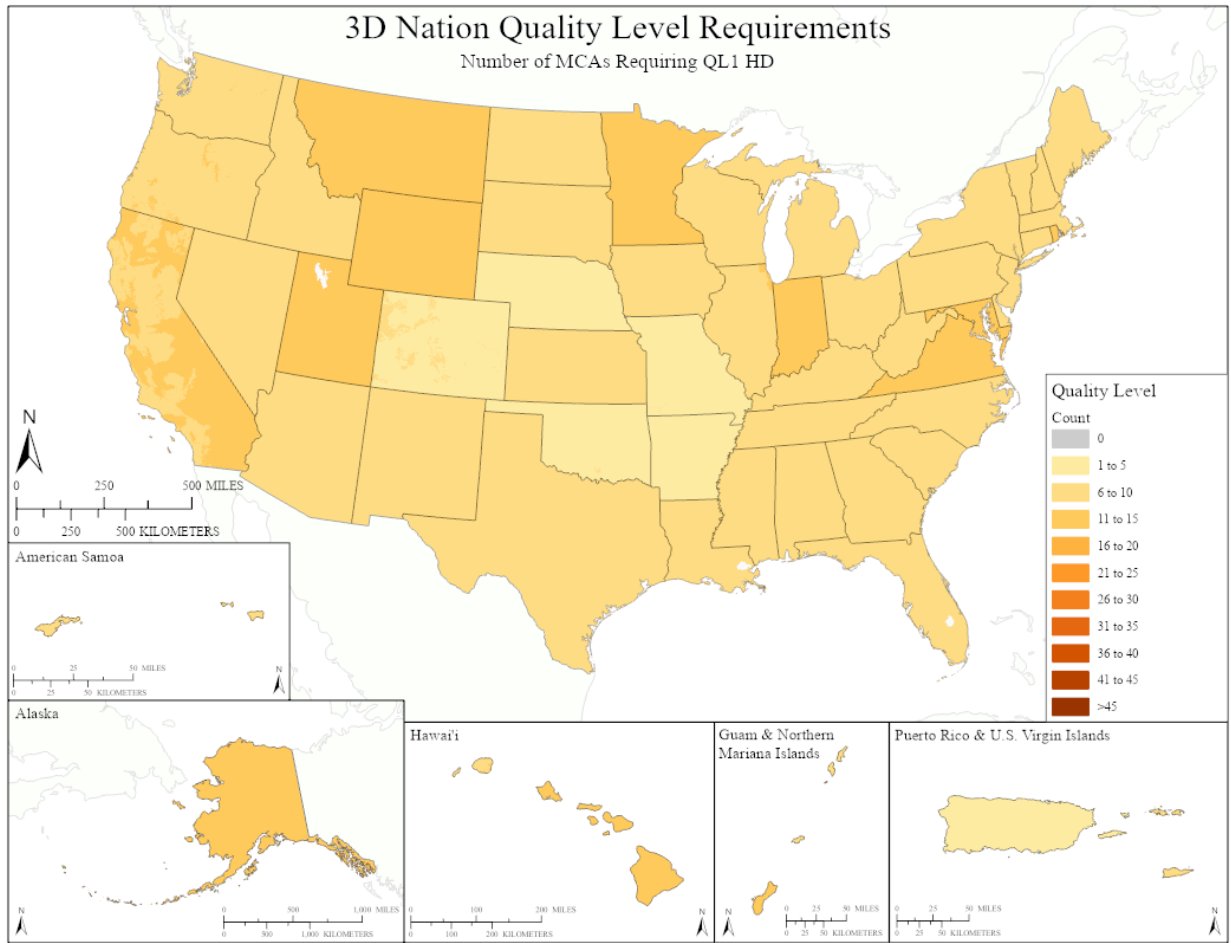


Figure J.3. Number of MCAs for which QL1HD data are required for Inland Topography

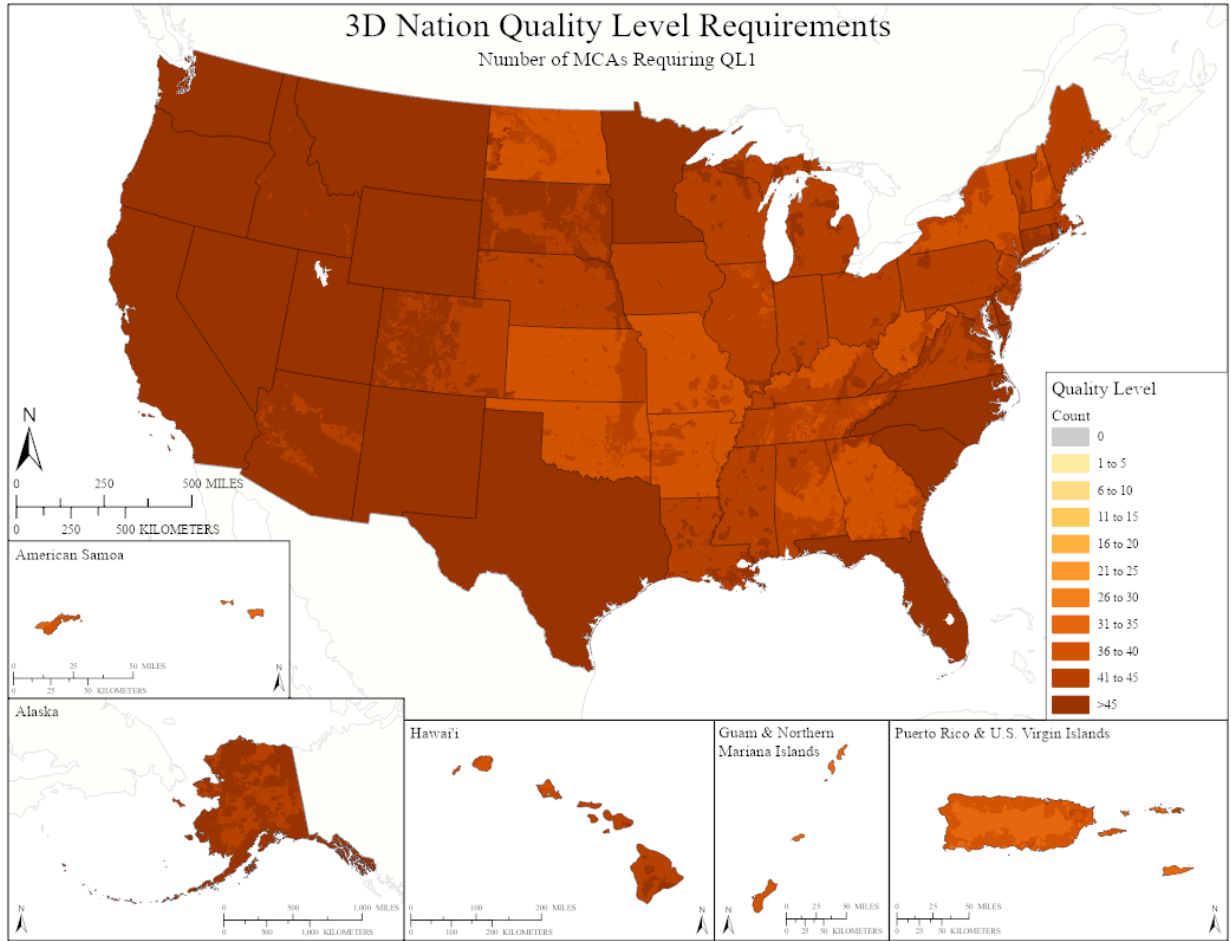


Figure J.4. Number of MCAs for which QL1 data are required for Inland Topography

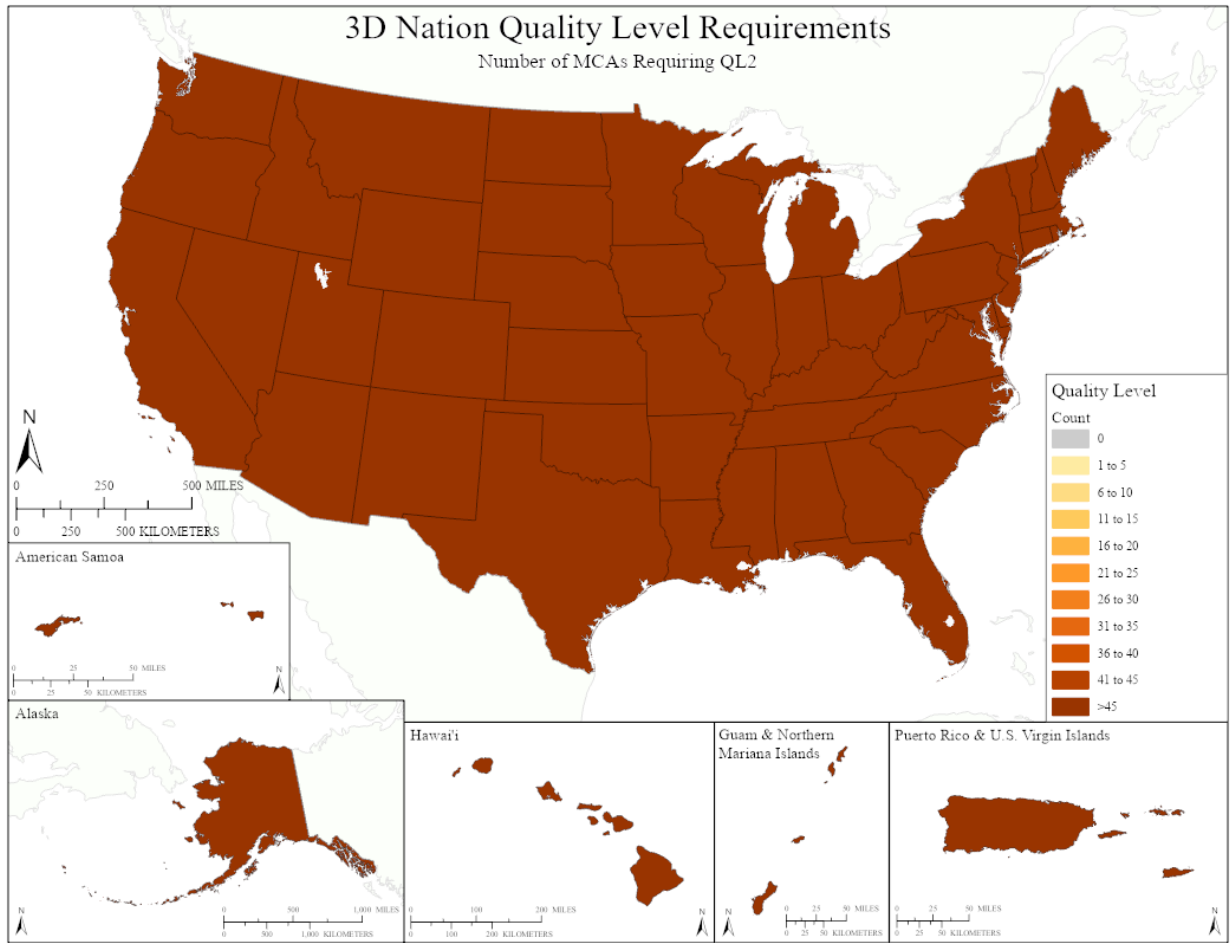


Figure J.5. Number of MCAs for which QL2 data are required for Inland Topography

Inland Topography Update Frequency Requirements

Respondents were asked how frequently the 3D topographic data need to be updated to satisfy the requirements of the Inland Topography portion of their MCA. Figures J.6 – J.10 below show the spatial distribution of the update frequency responses. Each map shows the number of MCAs with one of the following update frequency requirement options: annually, 2-3 years, 4-5 years, 6-10 years, and >10 years. Areas with darker colors have greater numbers of areas of interest.

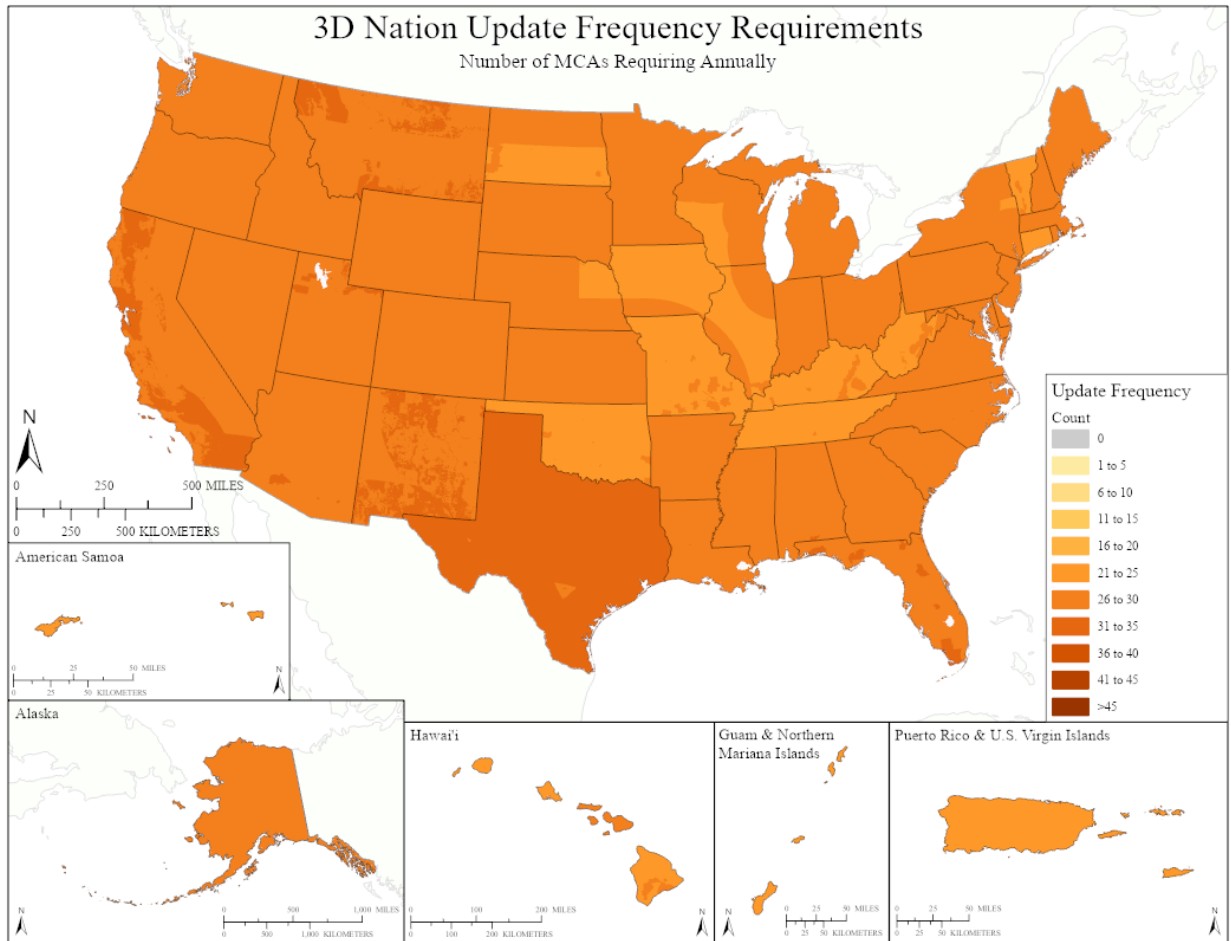


Figure J.6. Number of MCAs for which annual updates are required for Inland Topography

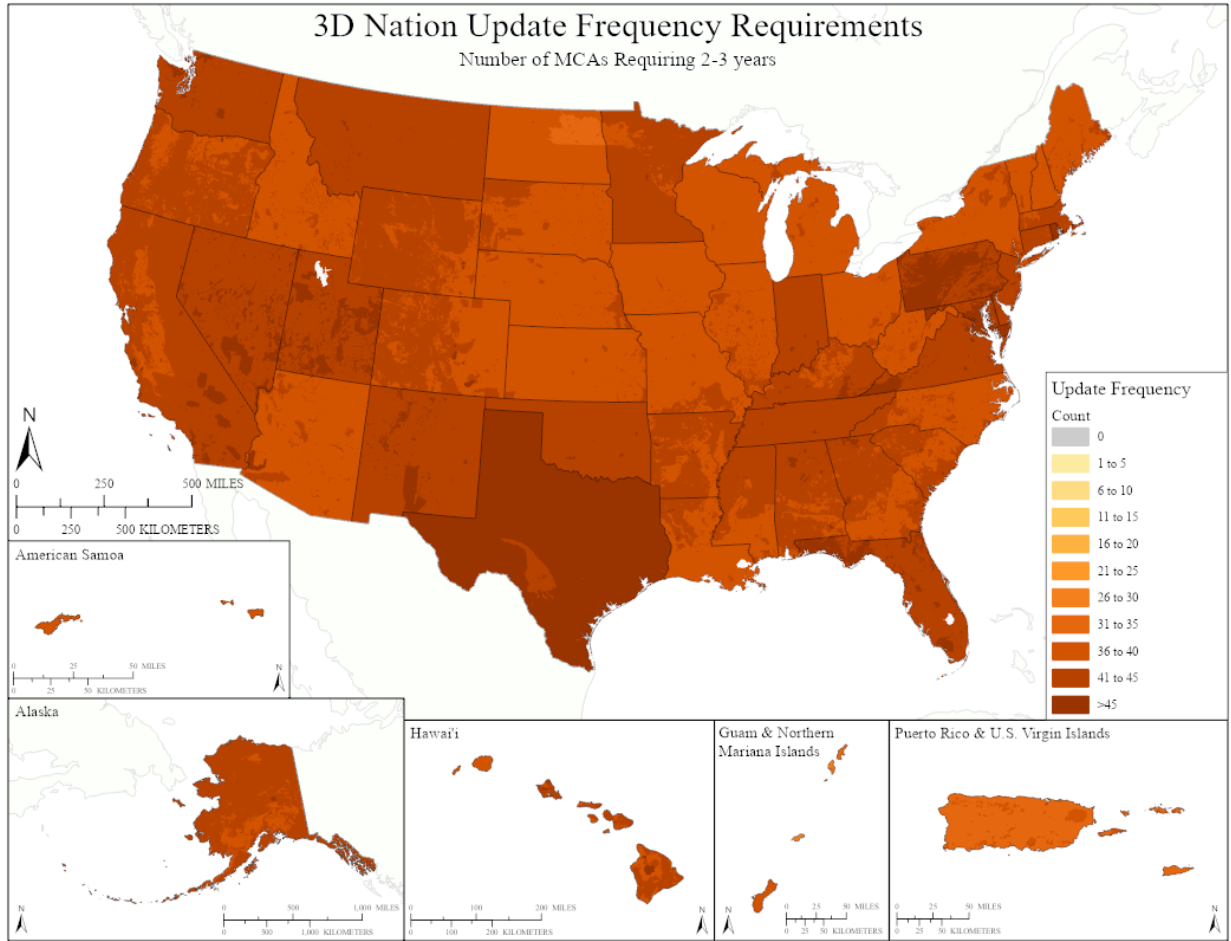


Figure J.7. Number of MCAs for which 2-3-year updates are required for Inland Topography

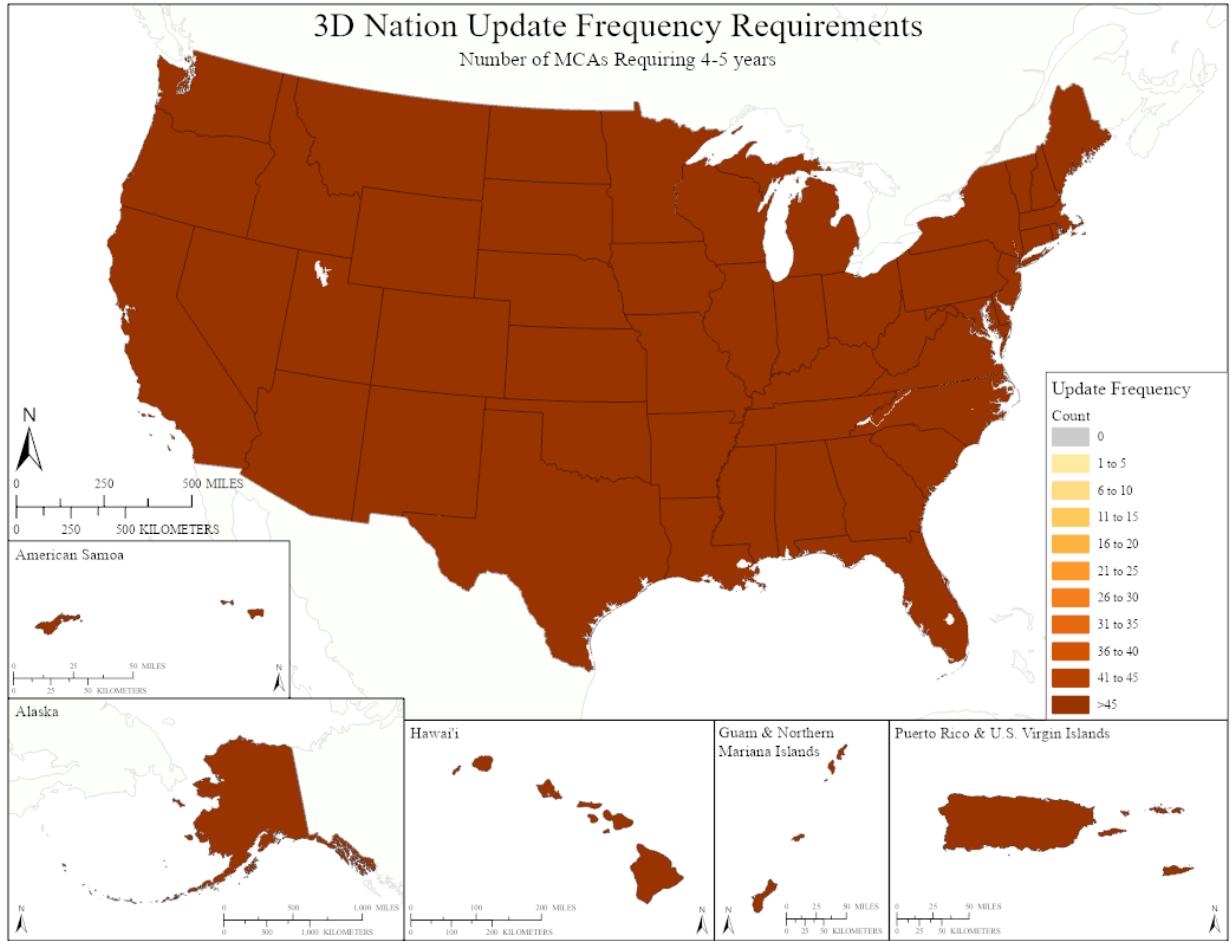


Figure J.8. Number of MCAs for which 4-5-year updates are required for Inland Topography

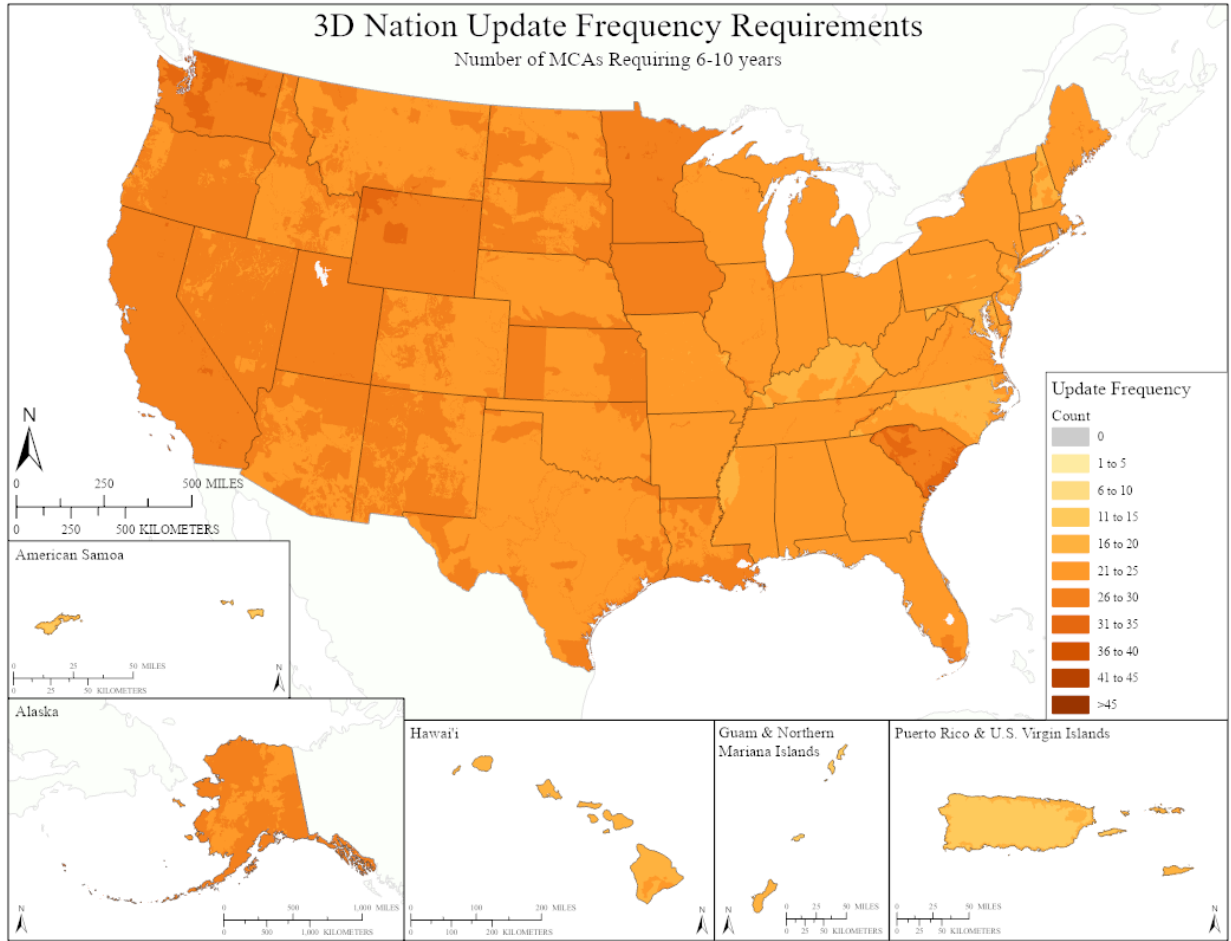


Figure J.9. Number of MCAs for which 6-10-year updates are required for Inland Topography

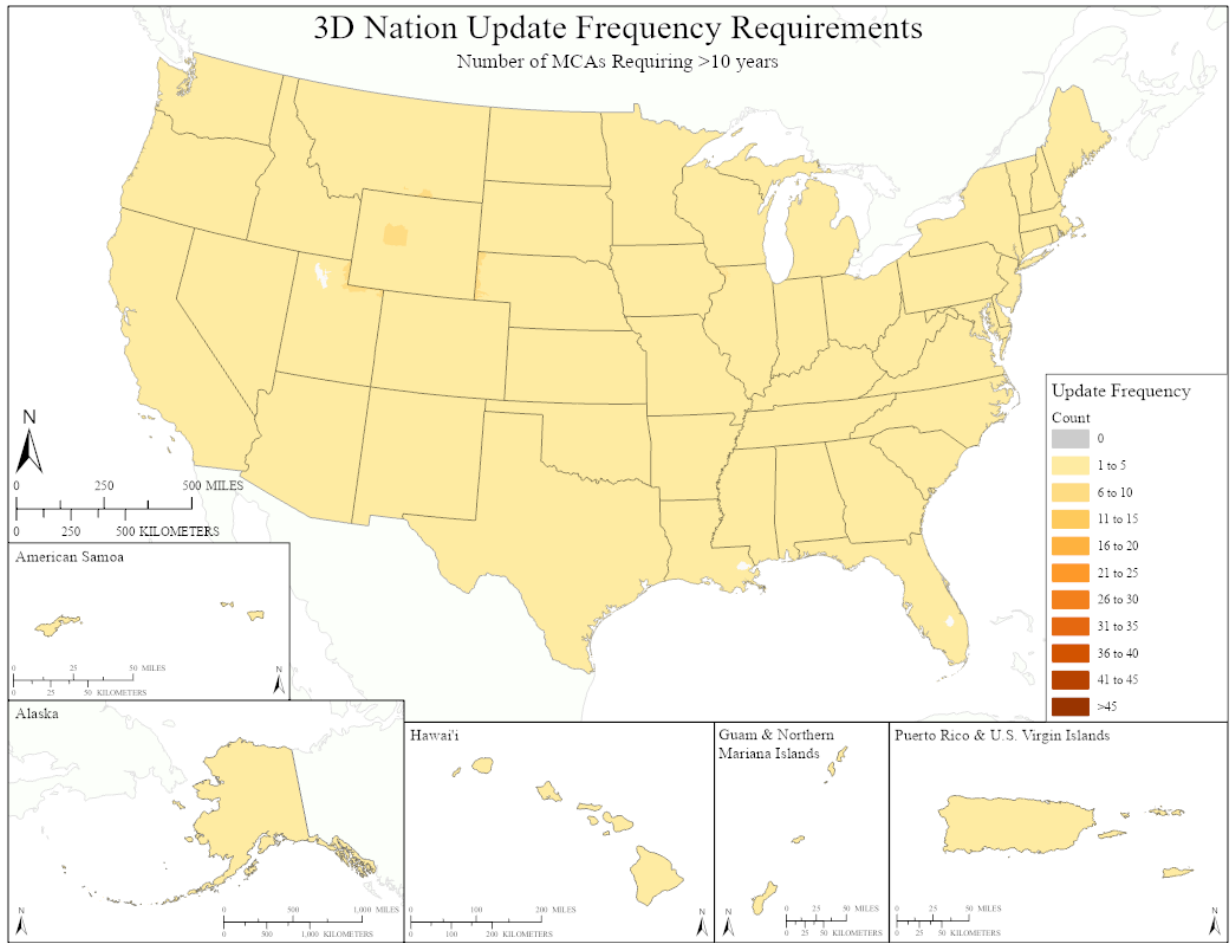


Figure J.10. Number of MCAs for which >10-year updates are required for Inland Topography

Inland Bathymetry Quality Level Requirements

Respondents were asked what 3D topographic data Quality Level they require for the Inland Bathymetry portion of their MCA. Figures J.11 – J.15 below show the spatial distribution of the Quality Level responses. Each map shows the number of MCAs with one of the following Quality Level requirement options: QL0B, QL1B, QL2B, QL3B, and QL4B. Areas with darker colors have greater numbers of areas of interest.

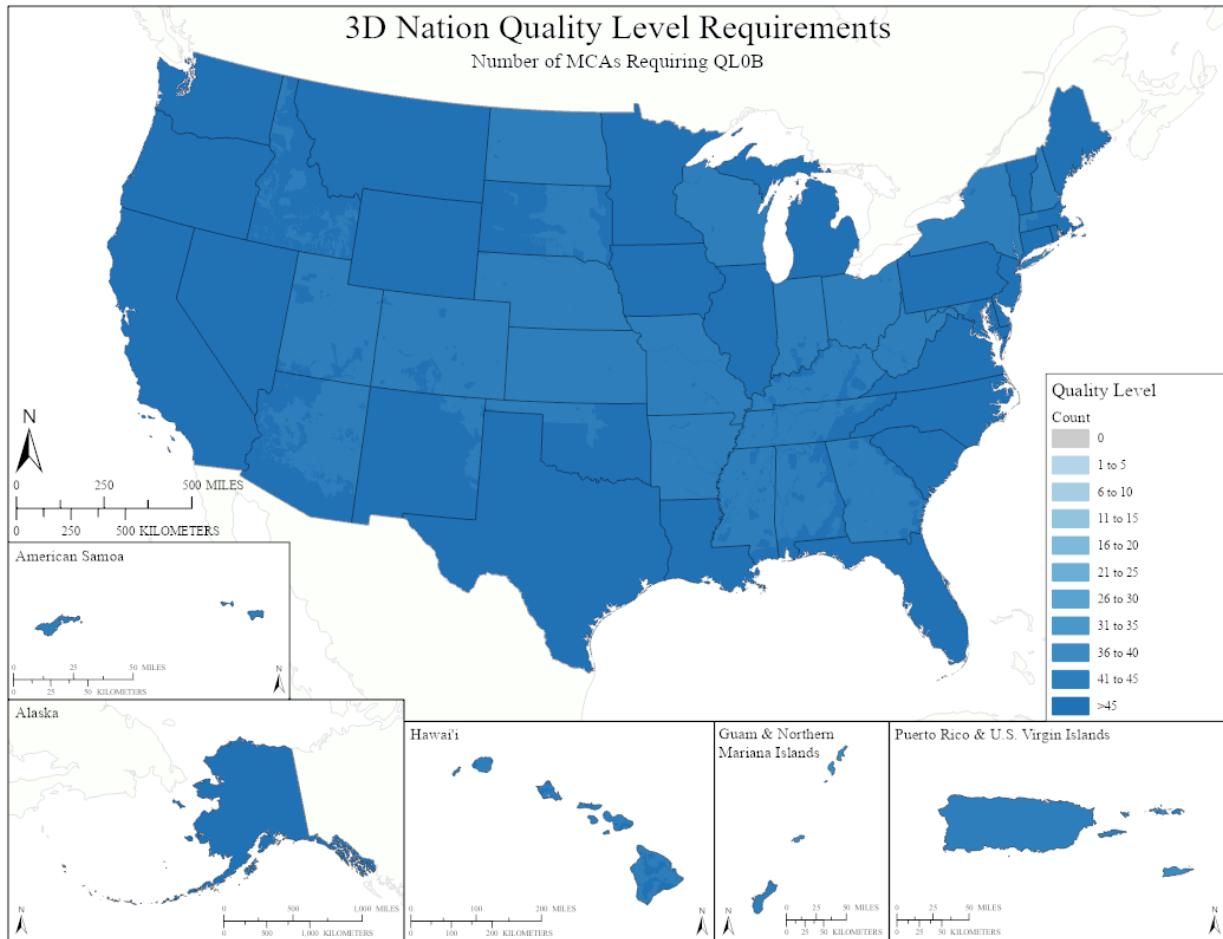


Figure J.11. Number of MCAs for which QL0B data are required for Inland Bathymetry

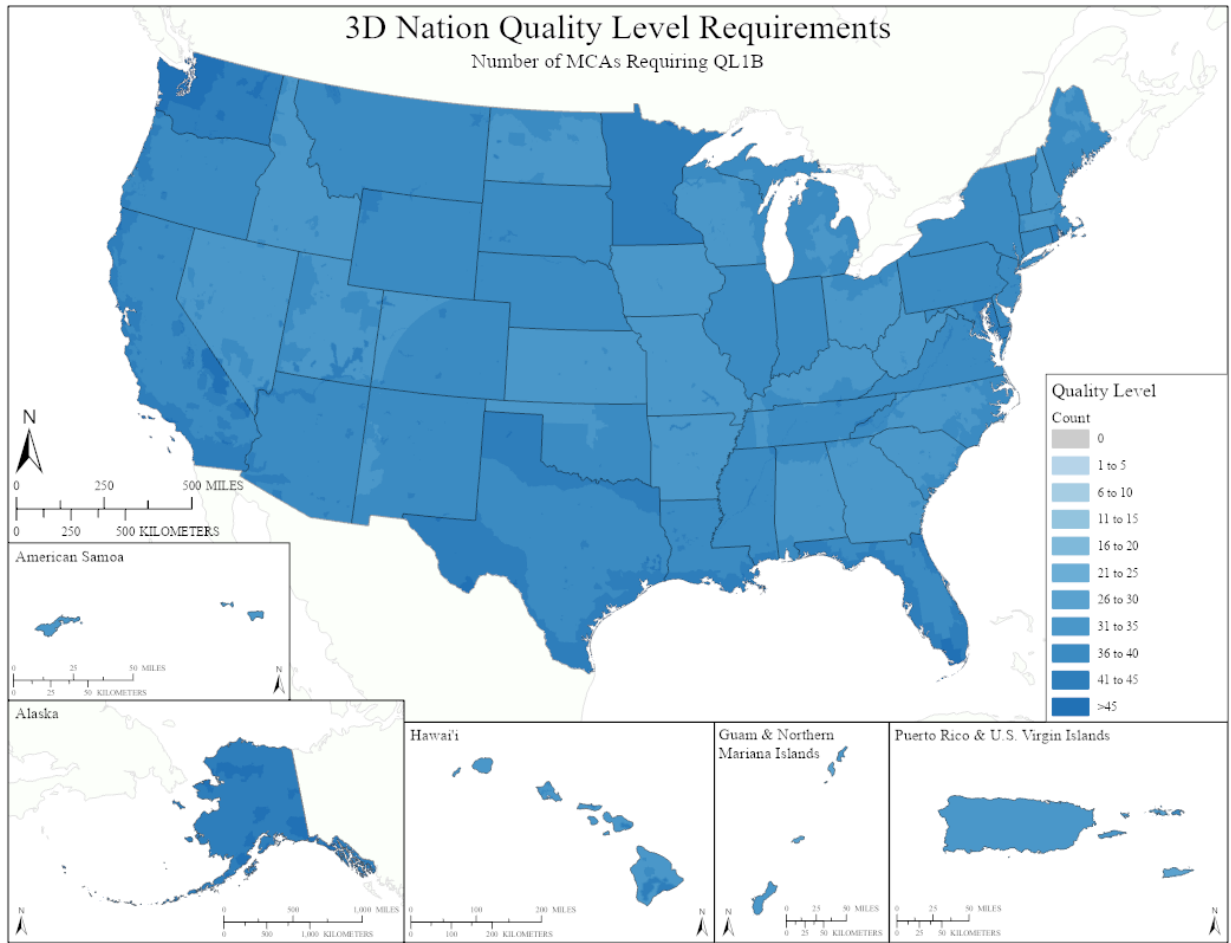


Figure J.12. Number of MCAs for which QL1B Data are required for Inland Bathymetry

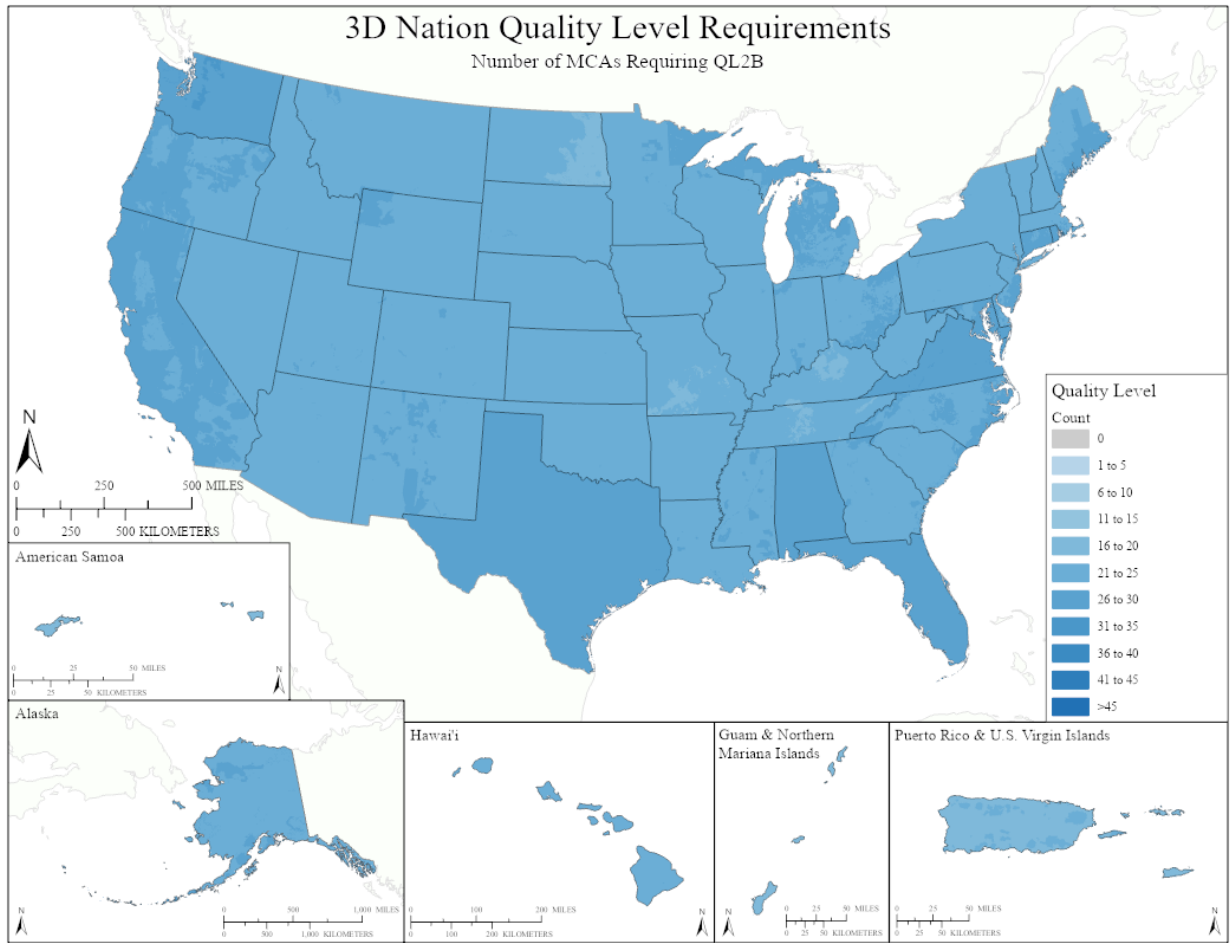


Figure J.13. Number of MCAs for which QL2B data are required for Inland Bathymetry

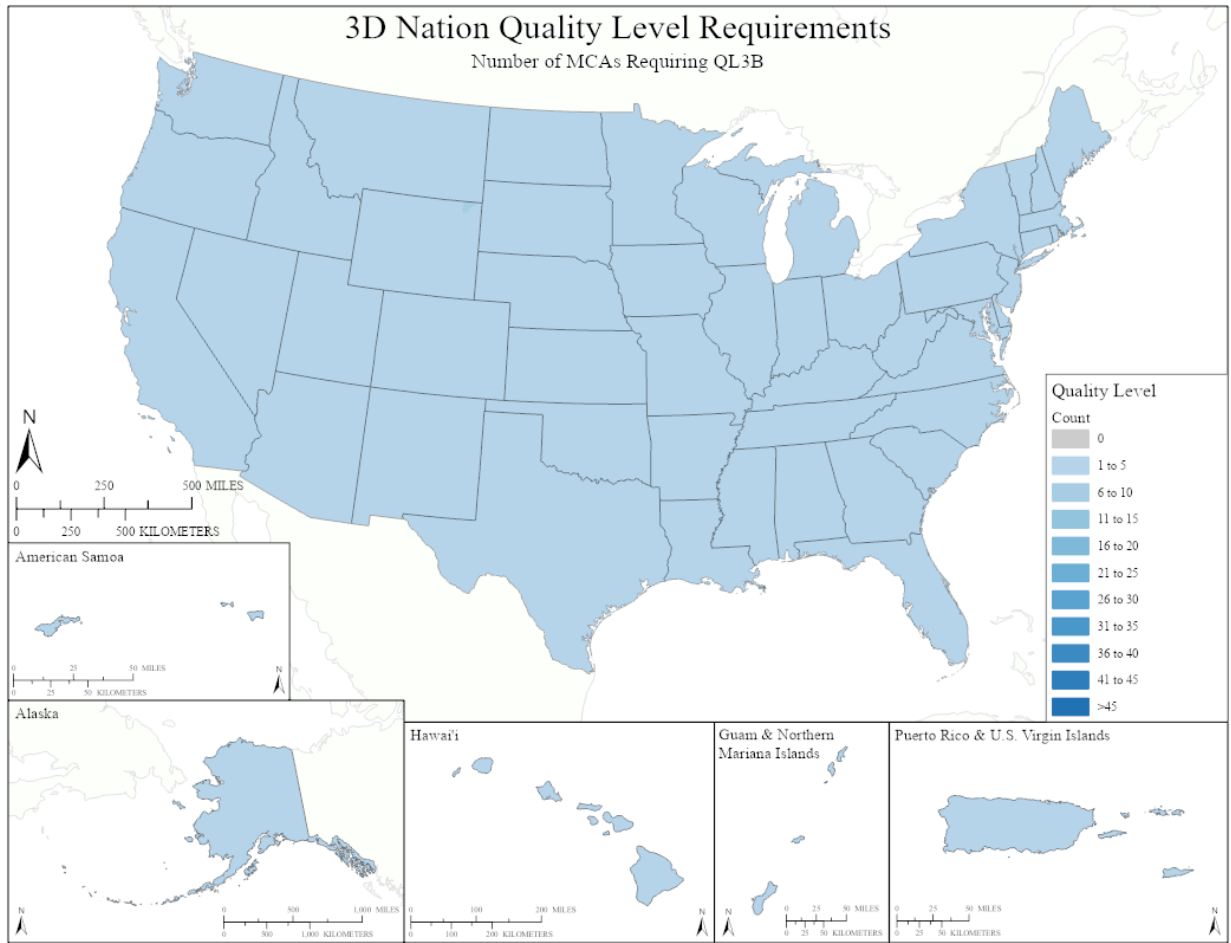


Figure J.14. Number of MCAs for which QL3B data are required for Inland Bathymetry

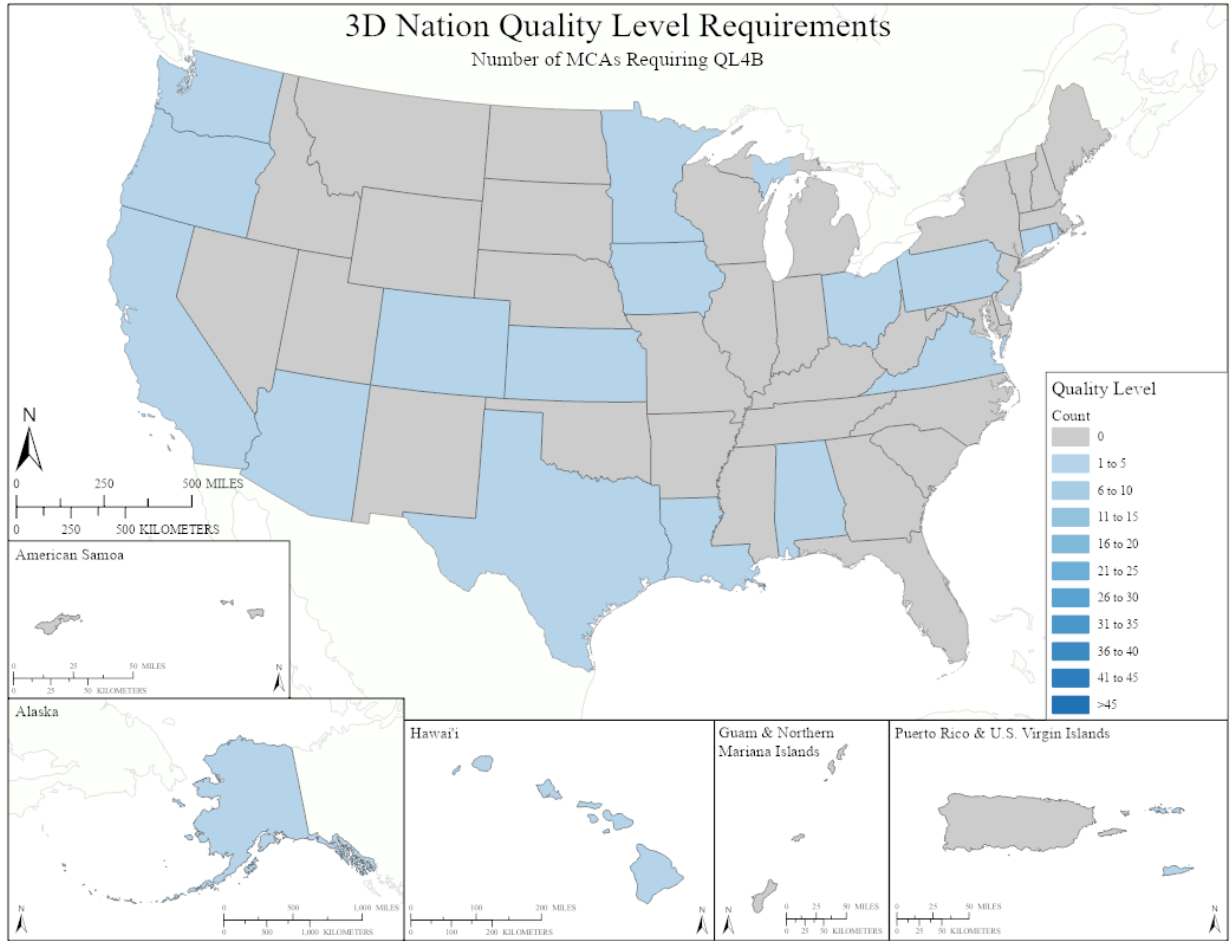


Figure J.15. Number of MCAs for which QL4B data are required for Inland Bathymetry

Inland Bathymetry Update Frequency Requirements

Respondents were asked how frequently the 3D topographic data need to be updated to satisfy the requirements of the Inland Bathymetry portion of their MCA. Figures J.16 – J.20 below show the spatial distribution of the update frequency responses. Each map shows the number of MCAs with one of the following update frequency requirement options: annually, 2-3 years, 4-5 years, 6-10 years, and >10 years. Areas with darker colors have greater numbers of areas of interest.

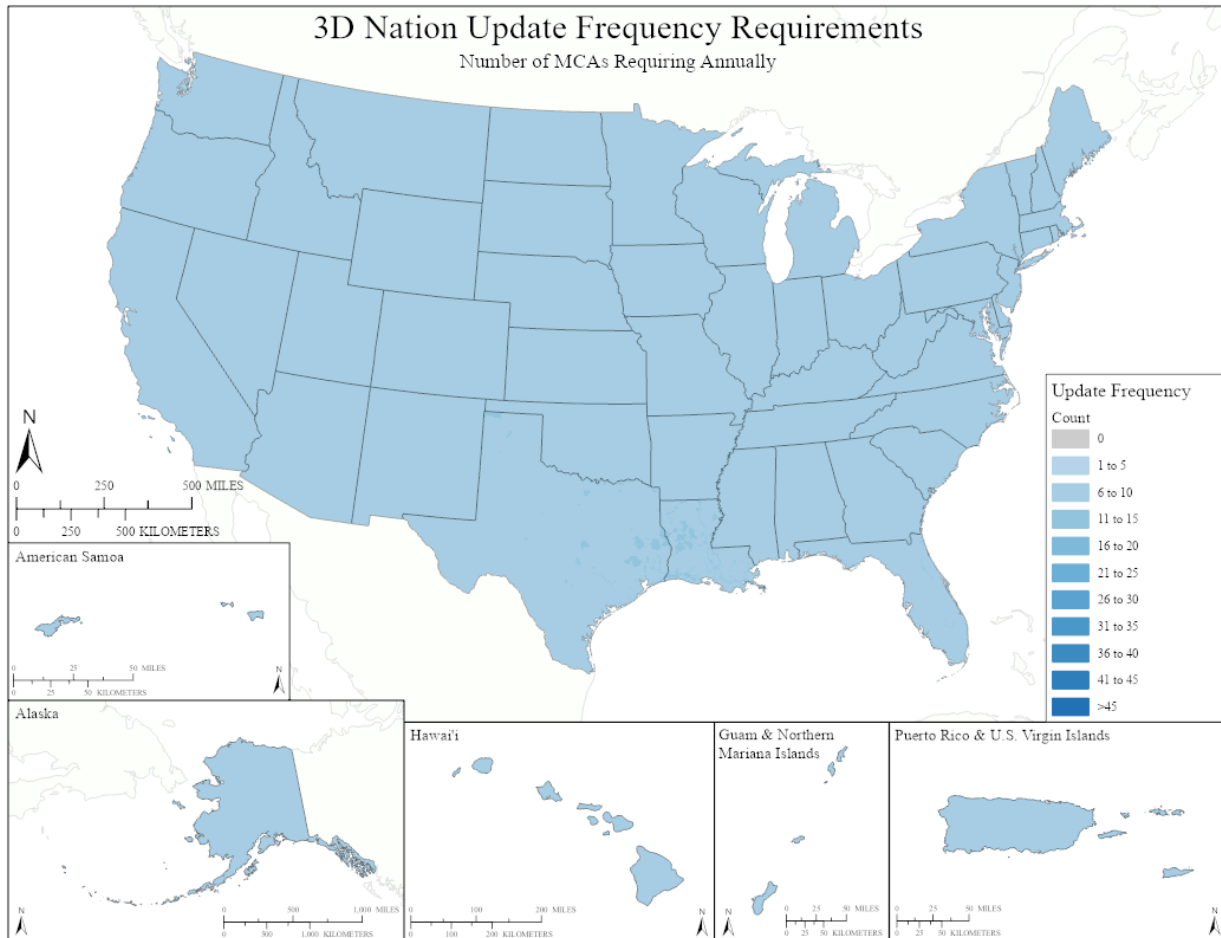


Figure J.16. Number of MCAs for which annual updates are required for Inland Bathymetry

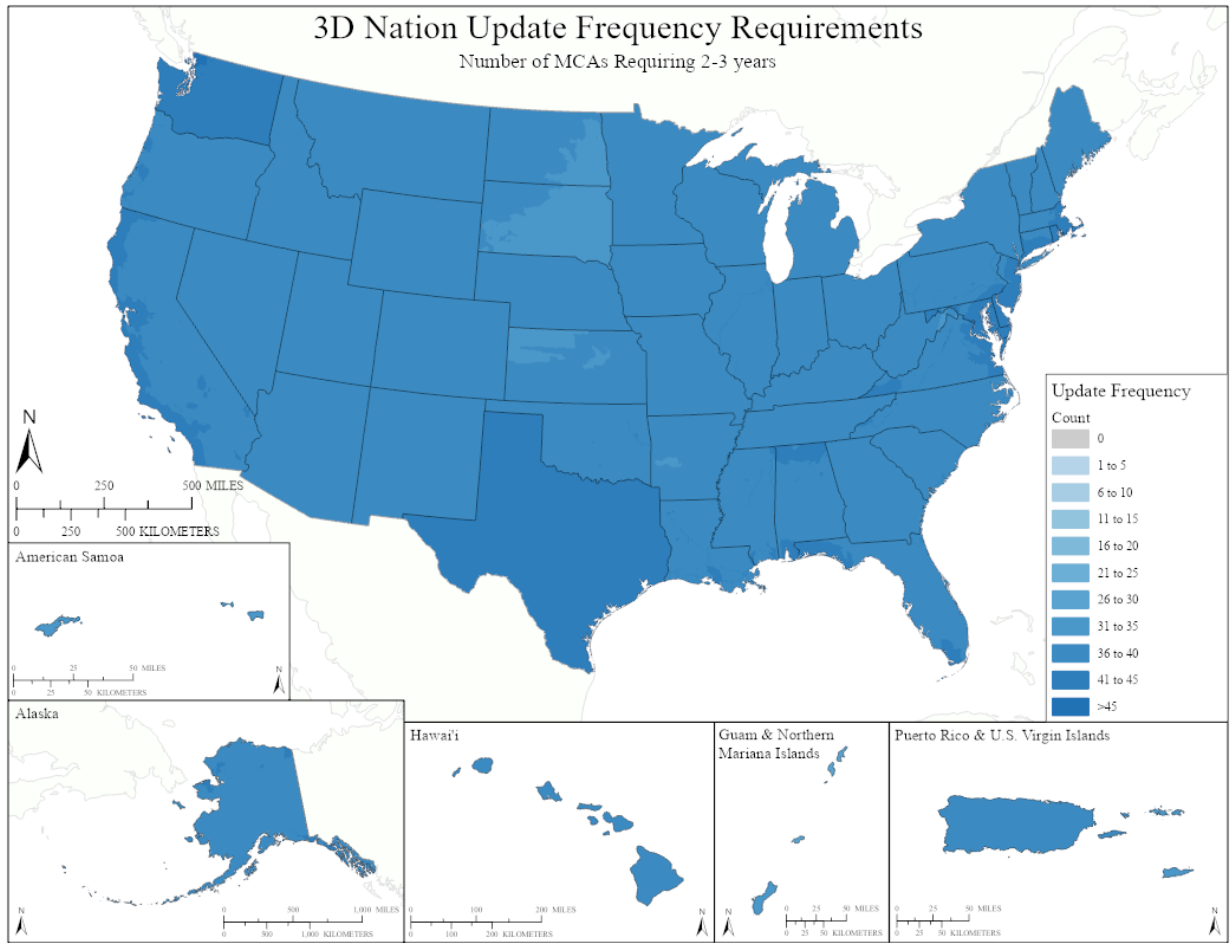


Figure J.17. Number of MCAs for which 2-3-year updates are required for Inland Bathymetry

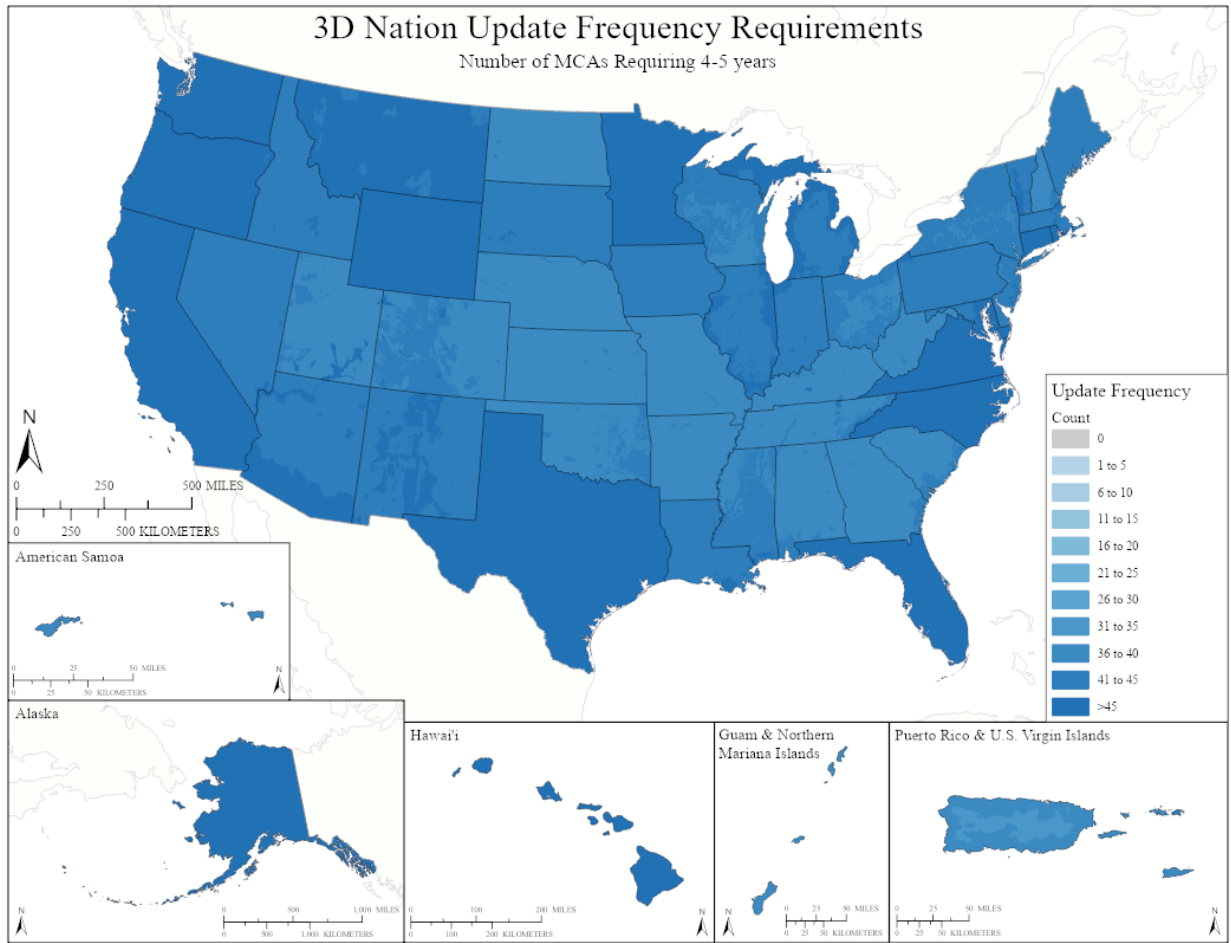


Figure J.18. Number of MCAs for which 4-5-year updates are required for Inland Bathymetry

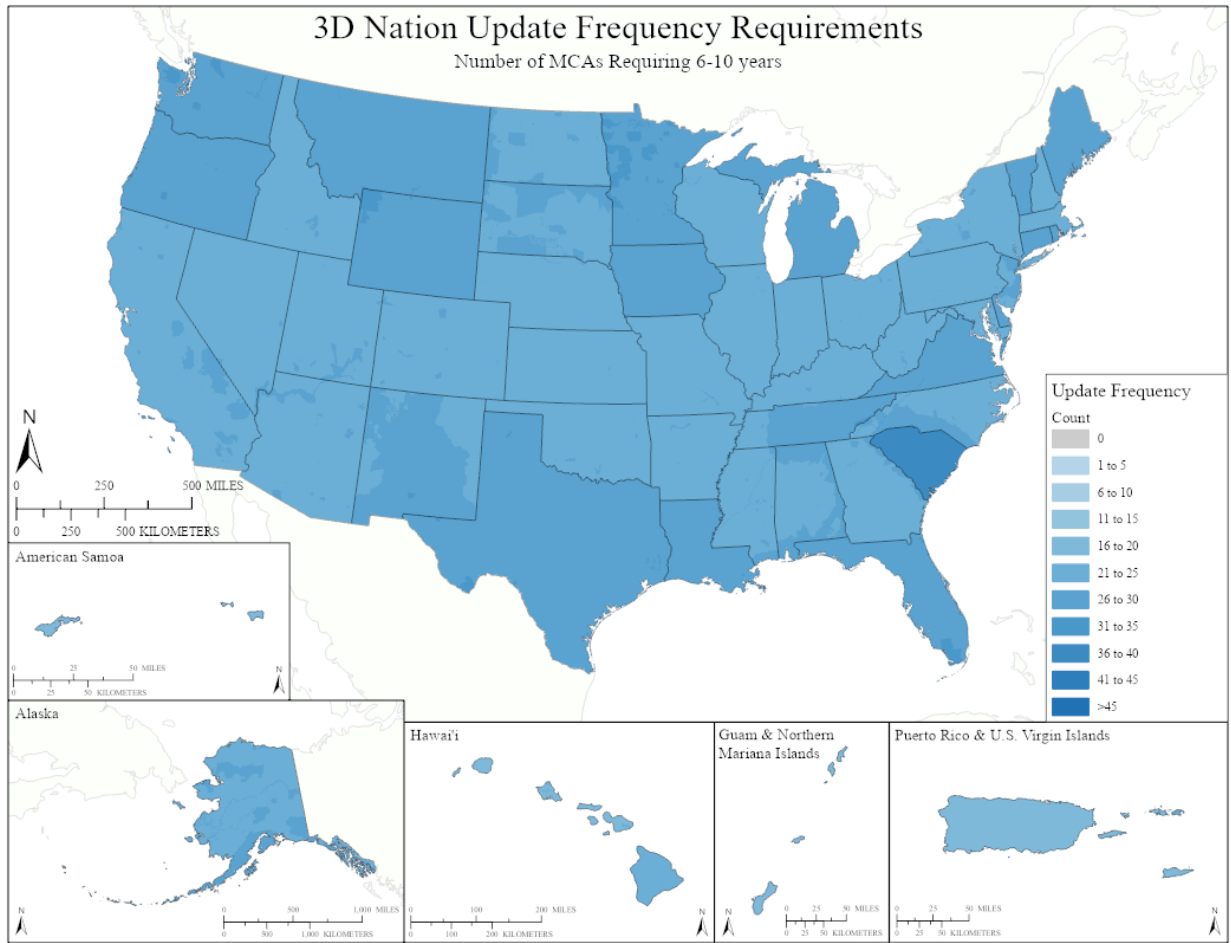


Figure J.19. Number of MCAs for which 6-10-year updates are required

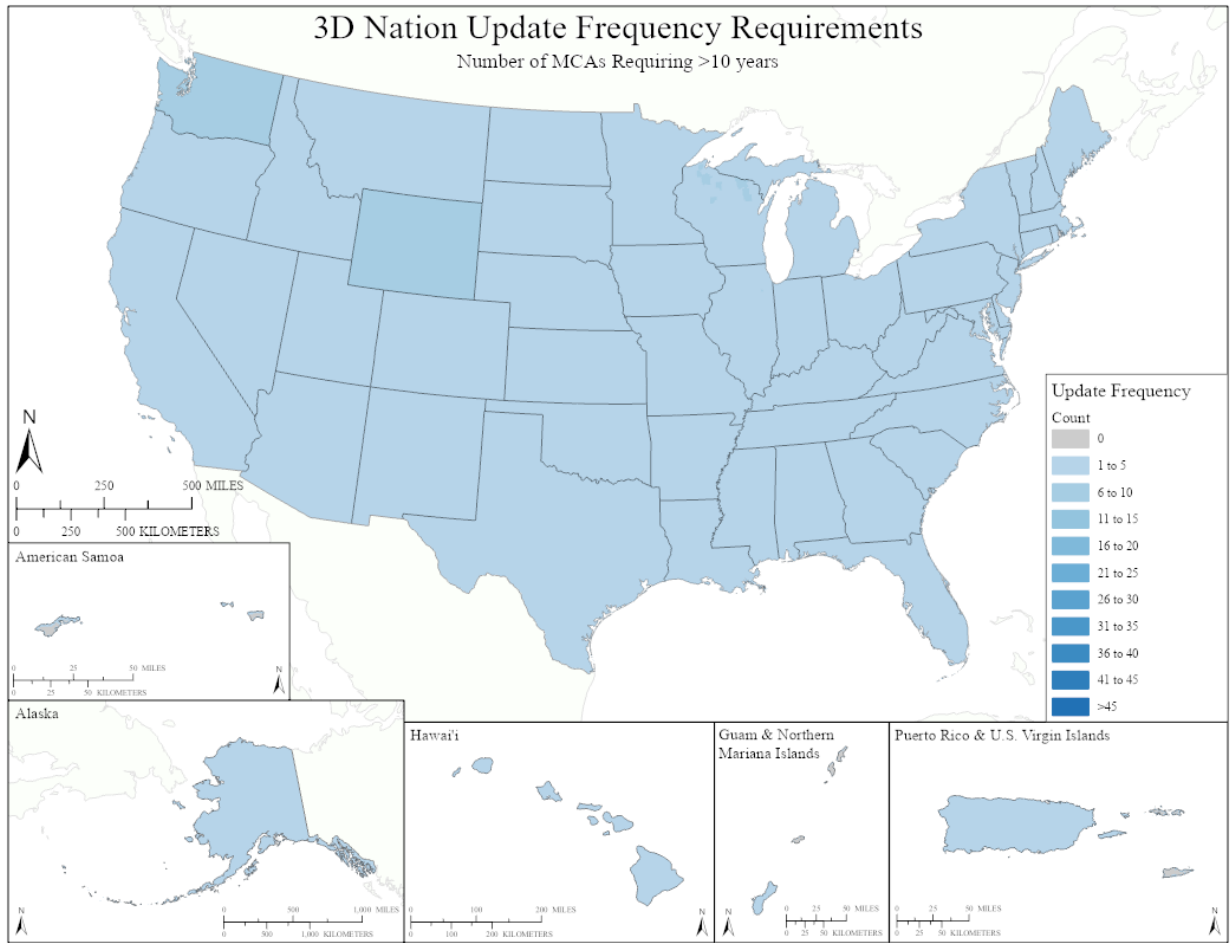


Figure J.20. Number of MCAs for which >10-year updates are required

Nearshore Bathymetry Quality Level Requirements

Respondents were asked what 3D topographic data Quality Level they require for the Nearshore Bathymetry portion of their MCA. Figures J.21 – J.25 below show the spatial distribution of the Quality Level responses. Each map shows the number of MCAs with one of the following Quality Level requirement options: QL0B, QL1B, QL2B, QL3B, and QL4B. Areas with darker colors have greater numbers of areas of interest.

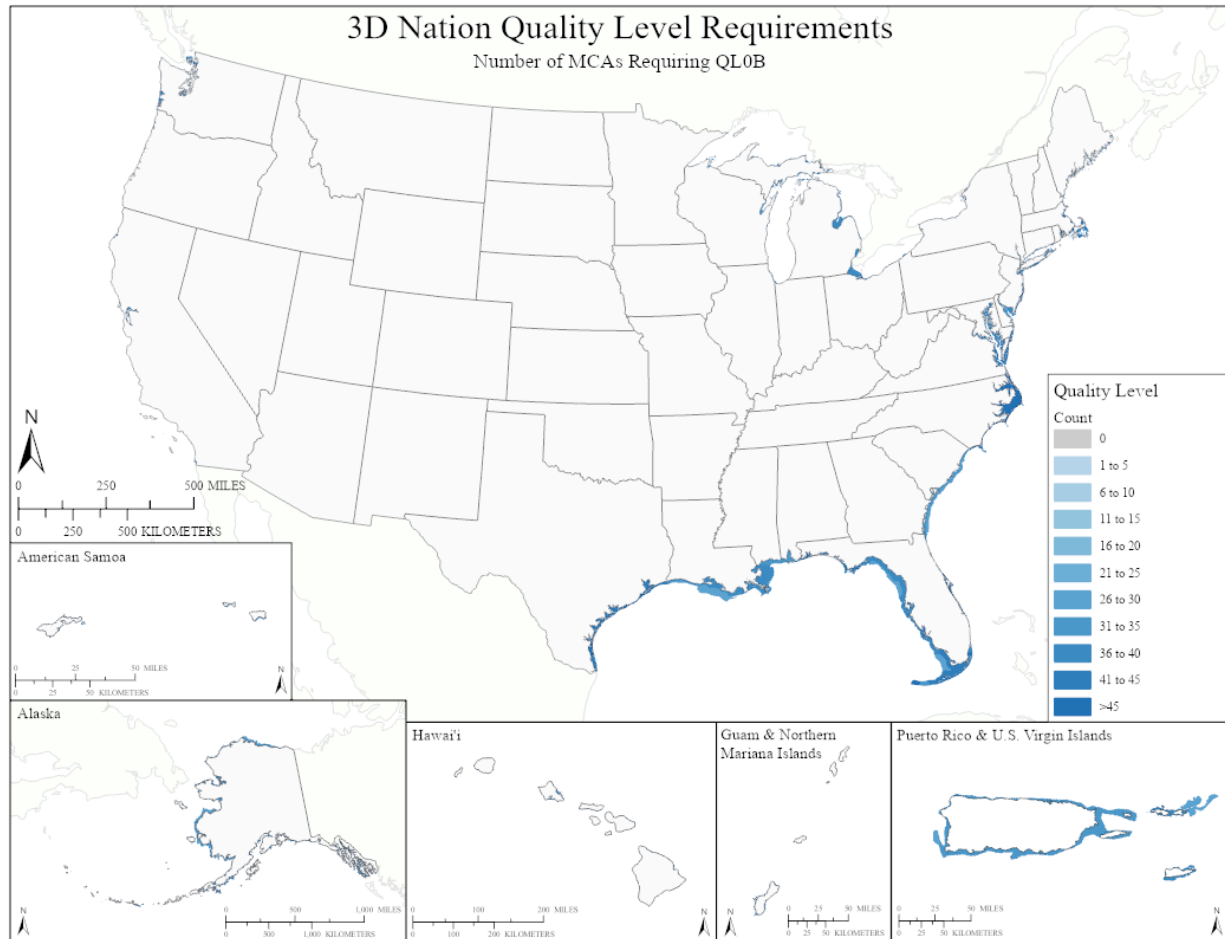


Figure J.21. Number of MCAs for which QL0B data are required for Nearshore Bathymetry

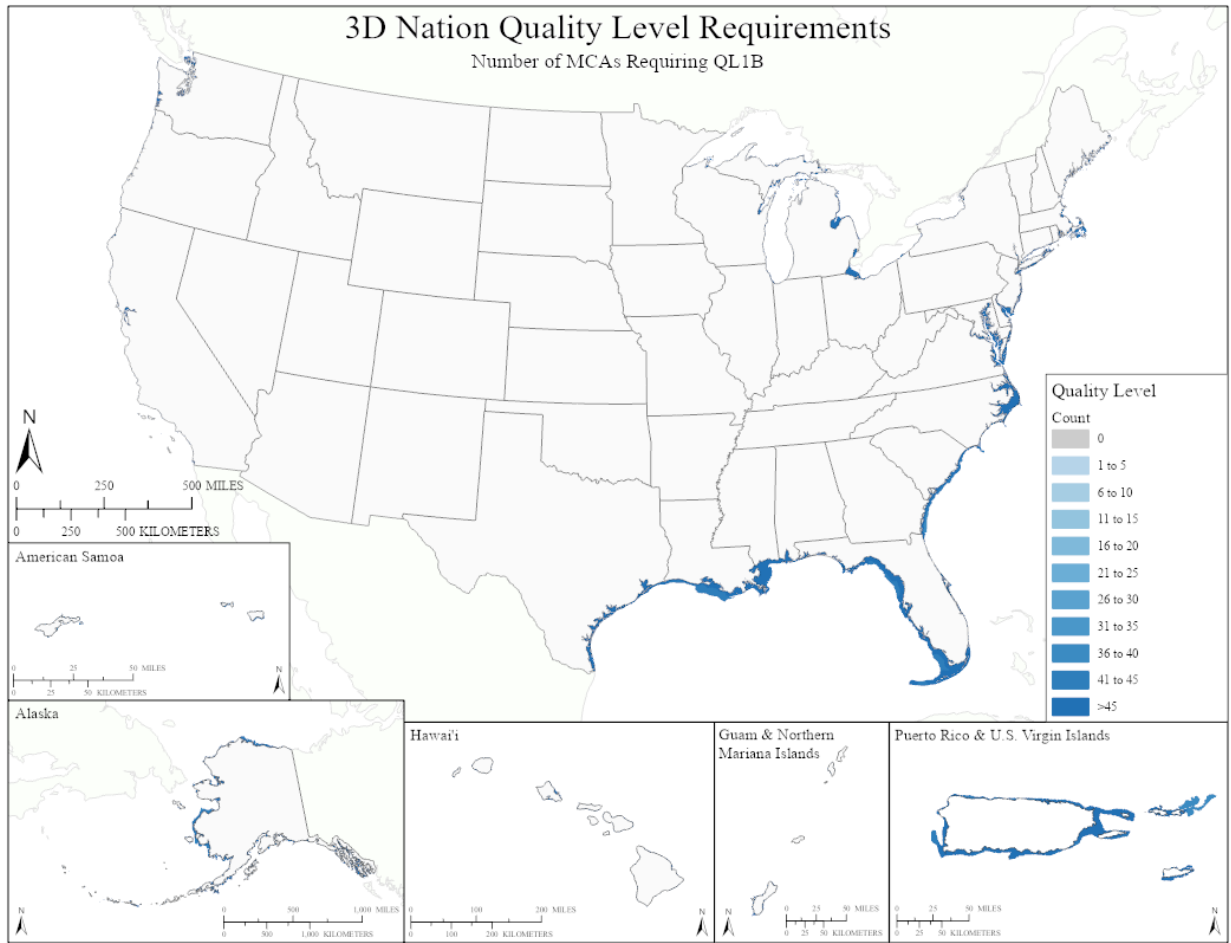


Figure J.22. Number of MCAs for which QL1B data are required for Nearshore Bathymetry

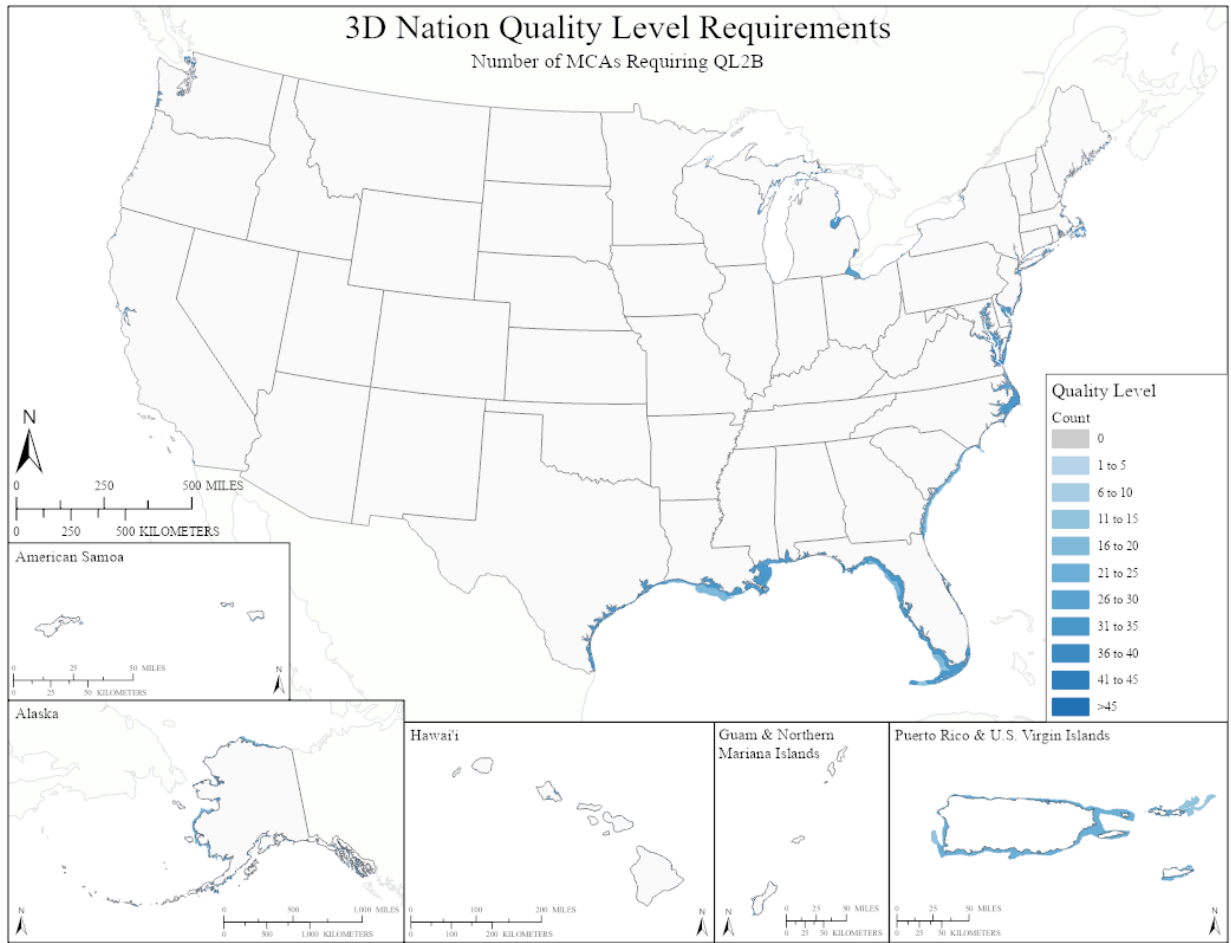


Figure J.23. Number of MCAs for which QL2B data are required for Nearshore Bathymetry

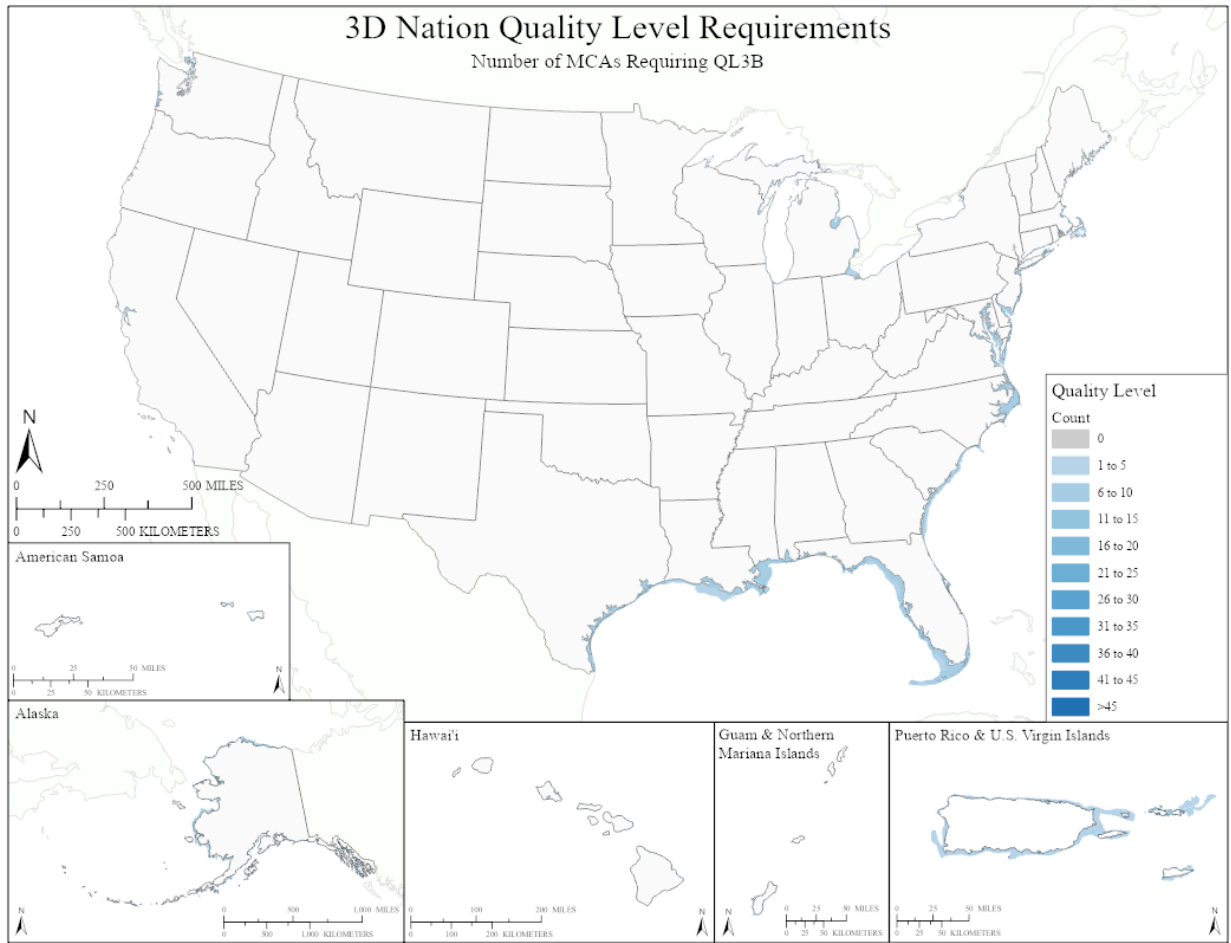


Figure J.24. Number of MCAs for which QL3B data are required for Nearshore Bathymetry

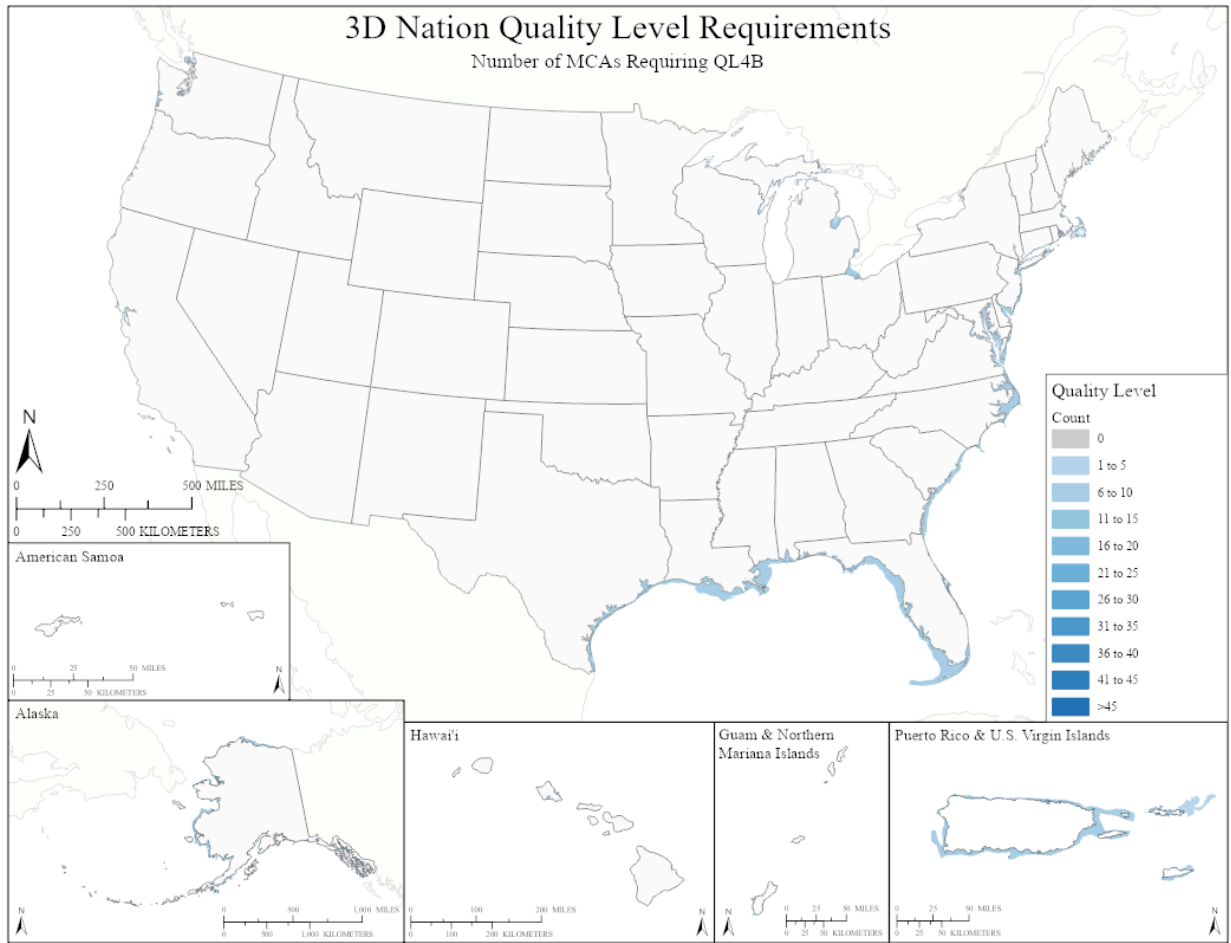


Figure J.25. Number of MCAs for which QL4B data are required for Nearshore Bathymetry

Nearshore Bathymetry Update Frequency Requirements

Respondents were asked how frequently the 3D topographic data need to be updated to satisfy the requirements of the Nearshore Bathymetry portion of their MCA. Figures J.26 – J.30 below show the spatial distribution of the update frequency responses. Each map shows the number of MCAs with one of the following update frequency requirement options: annually, 2-3 years, 4-5 years, 6-10 years, and >10 years. Areas with darker colors have greater numbers of areas of interest.

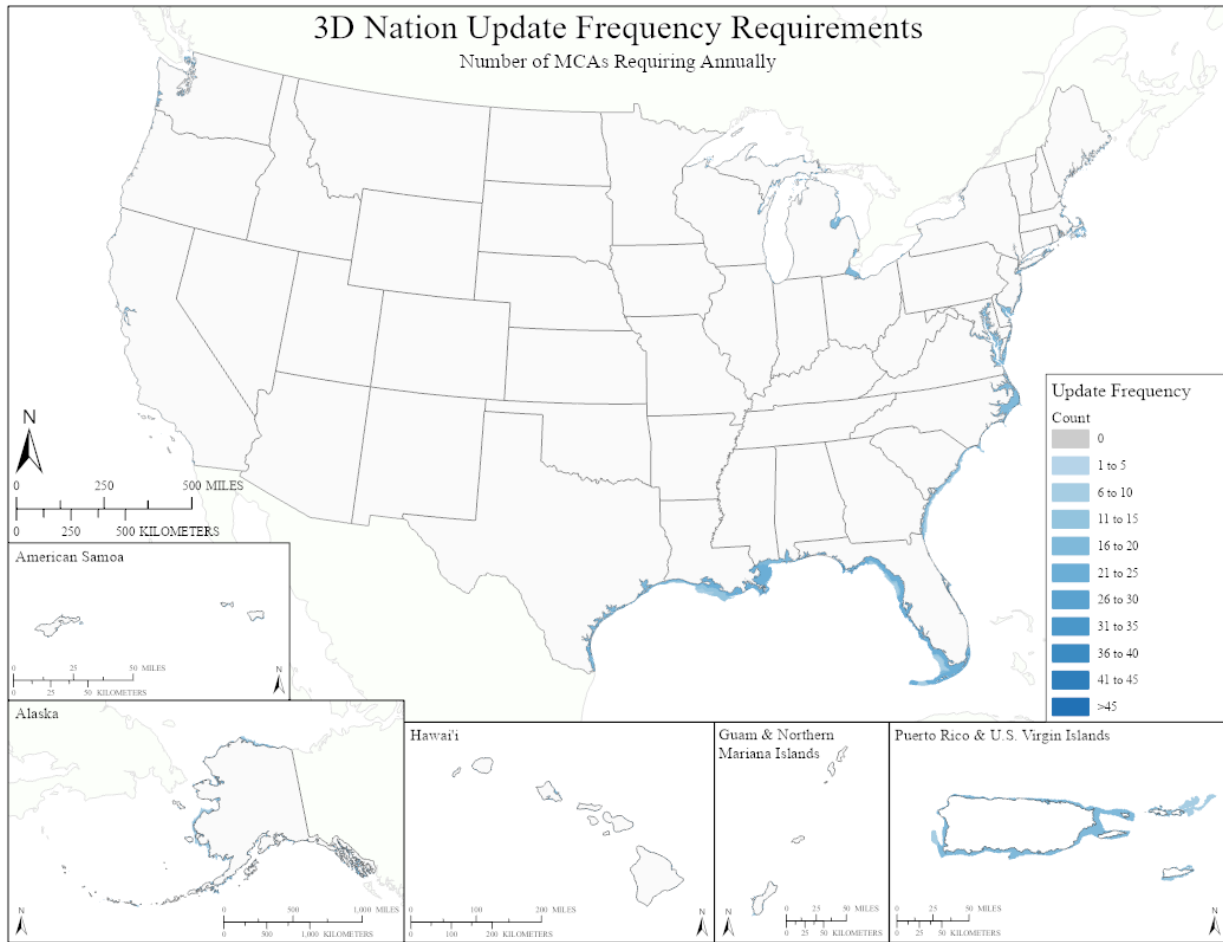


Figure J.26. Number of MCAs for which annual updates are required for Nearshore Bathymetry

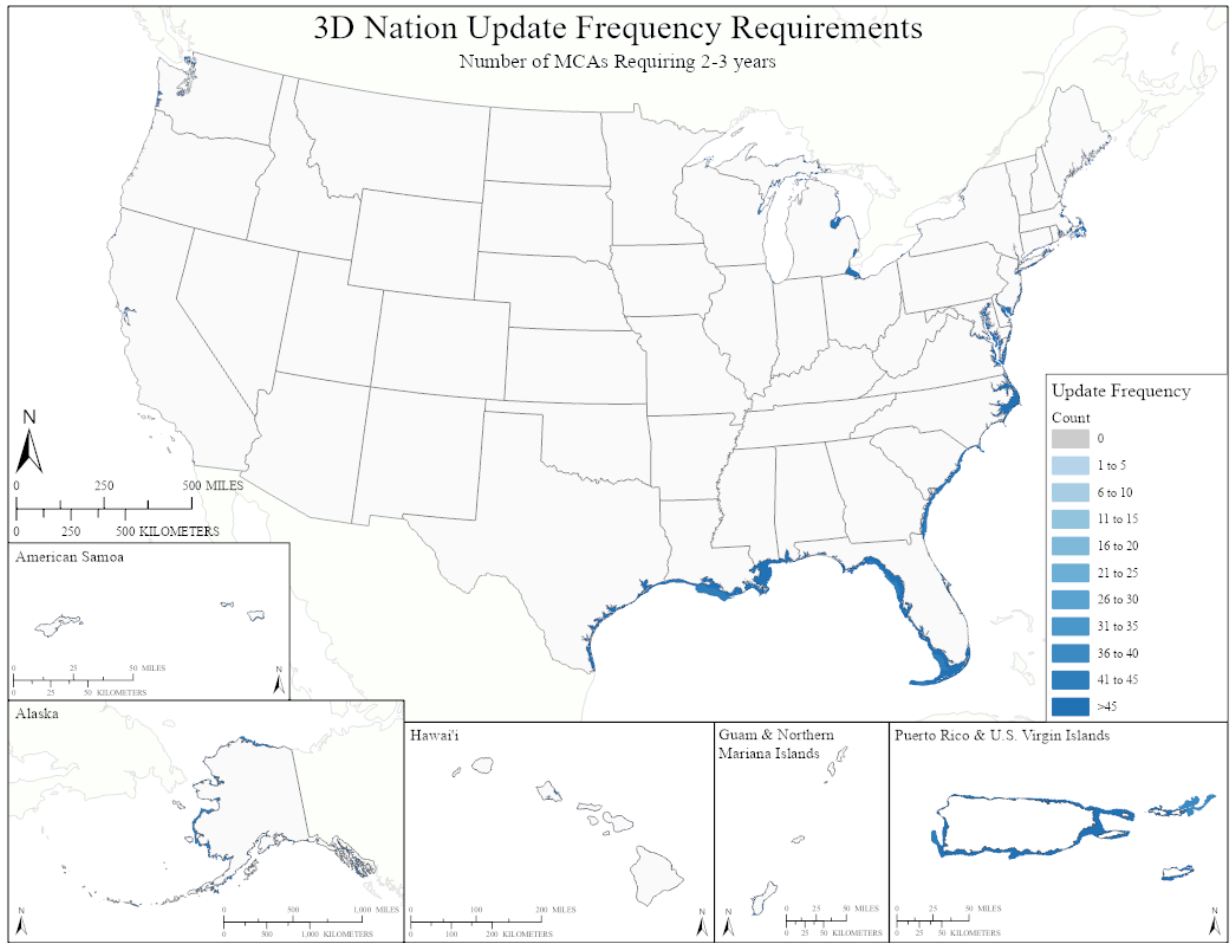


Figure J.27. Number of MCAs for which 2-3-year updates are required for Nearshore Bathymetry

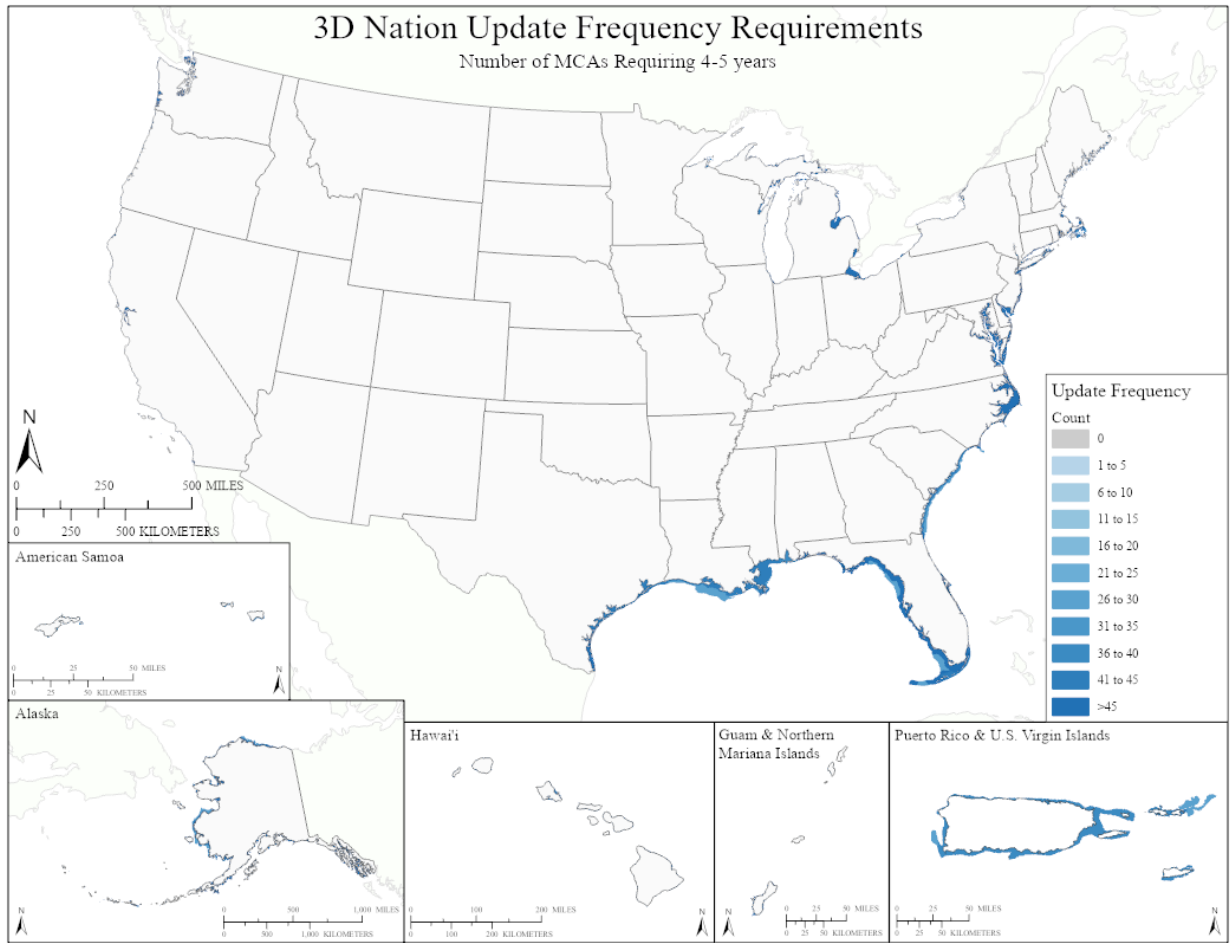


Figure J.28. Number of MCAs for which 4-5-year updates are required for Nearshore Bathymetry

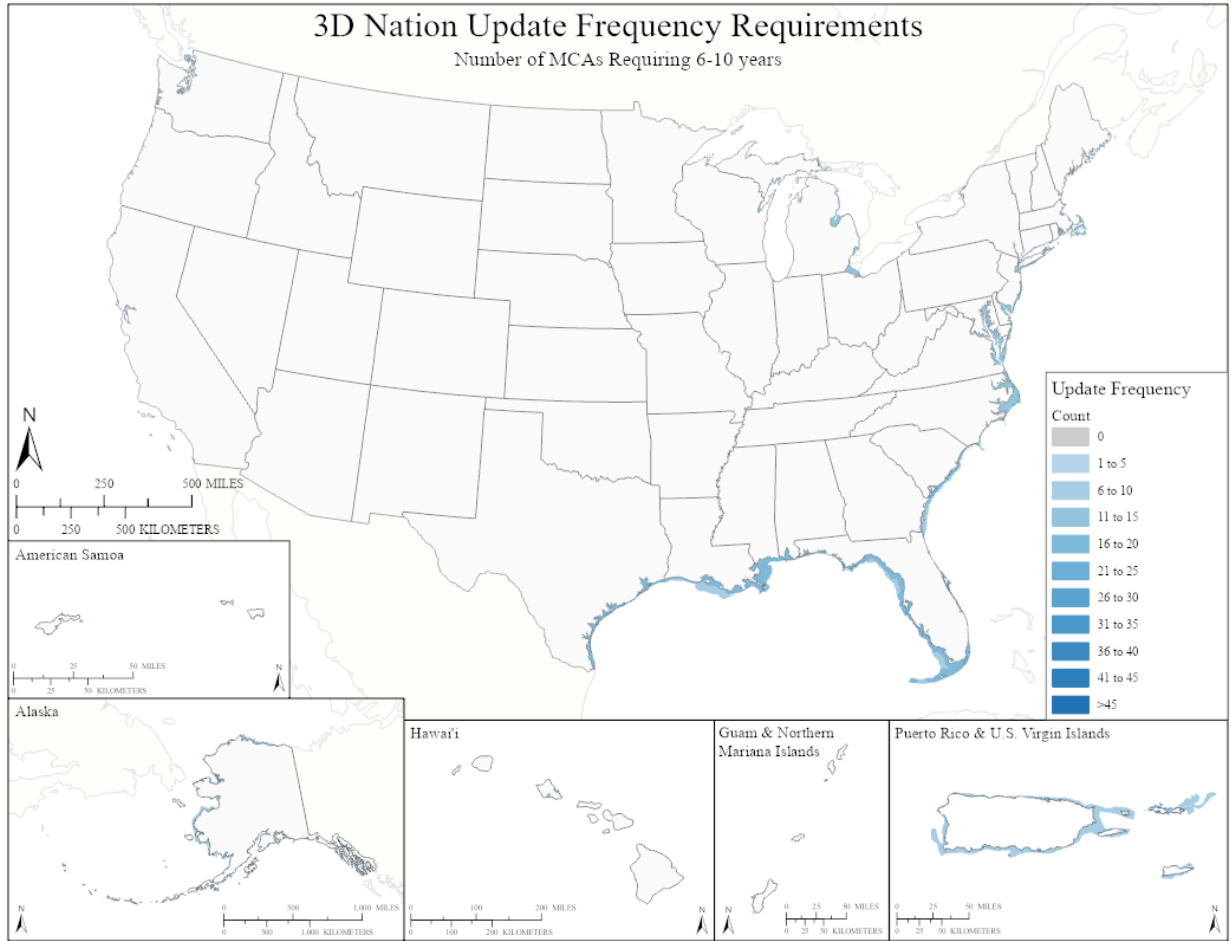


Figure J.29. Number of MCAs for which 6-10-year updates are required for Nearshore Bathymetry

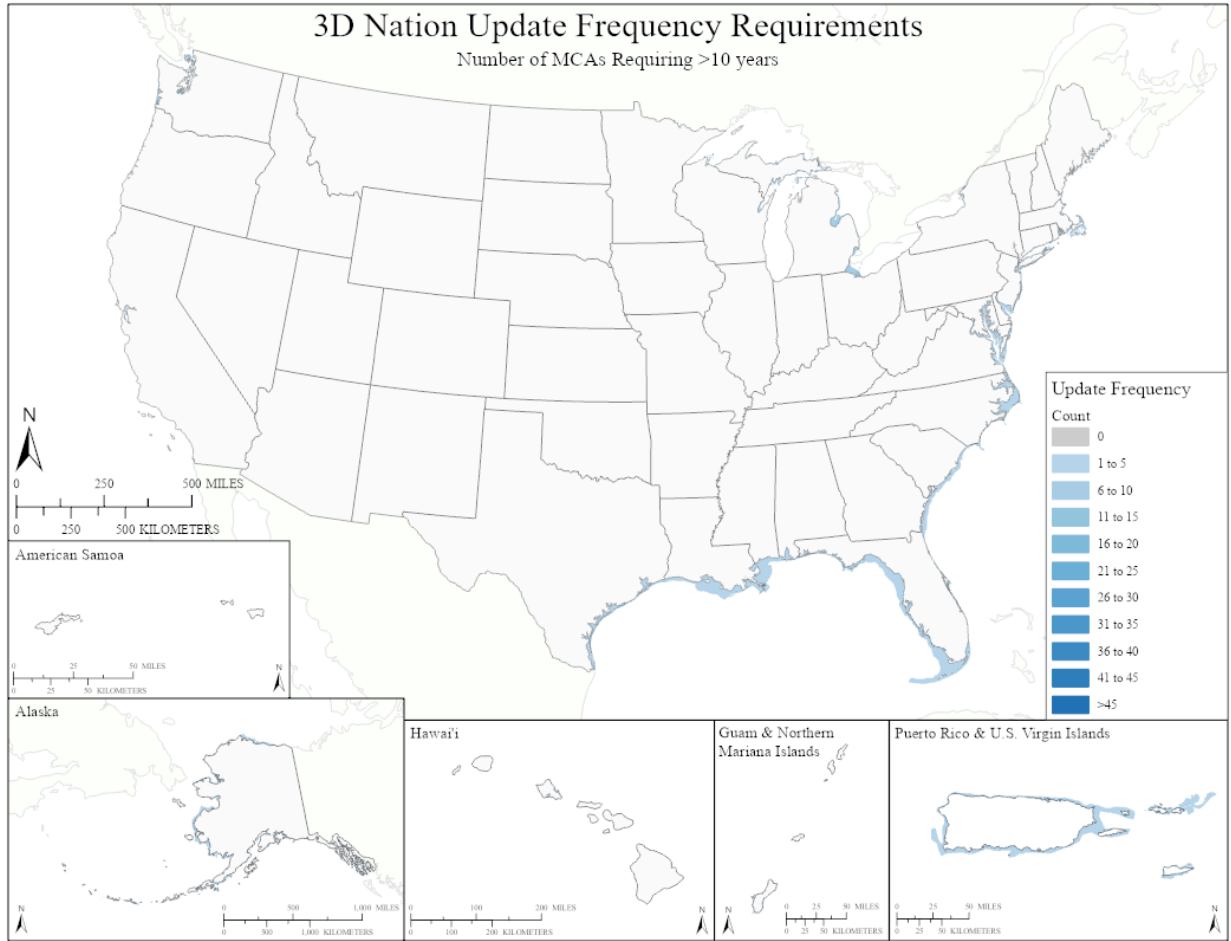


Figure J.30. Number of MCAs for which >10-year updates are required for Nearshore Bathymetry

Offshore Bathymetry Quality Level Requirements

Respondents were asked what 3D topographic data Quality Level (IHO Order) they require for the Offshore Bathymetry portion of their MCA. Figures J.31 – J.35 below show the spatial distribution of the Quality Level responses. Each map shows the number of MCAs with one of the following Quality Level requirement options: Special Order, Order 1a, Order 1b, Order 2, Order 3. Areas with darker colors have greater numbers of areas of interest.

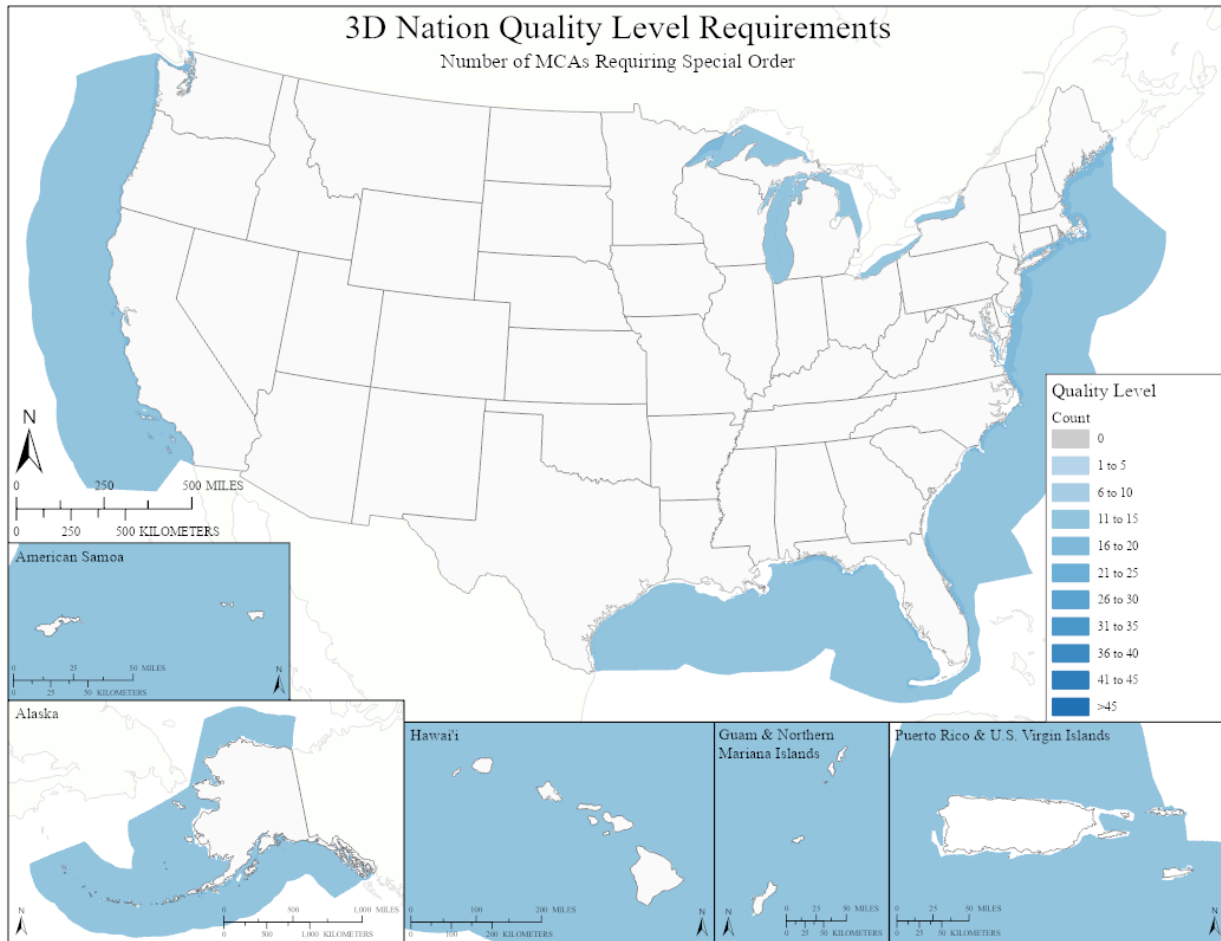


Figure J.31. Number of MCAs for which Special Order data are required for Offshore Bathymetry

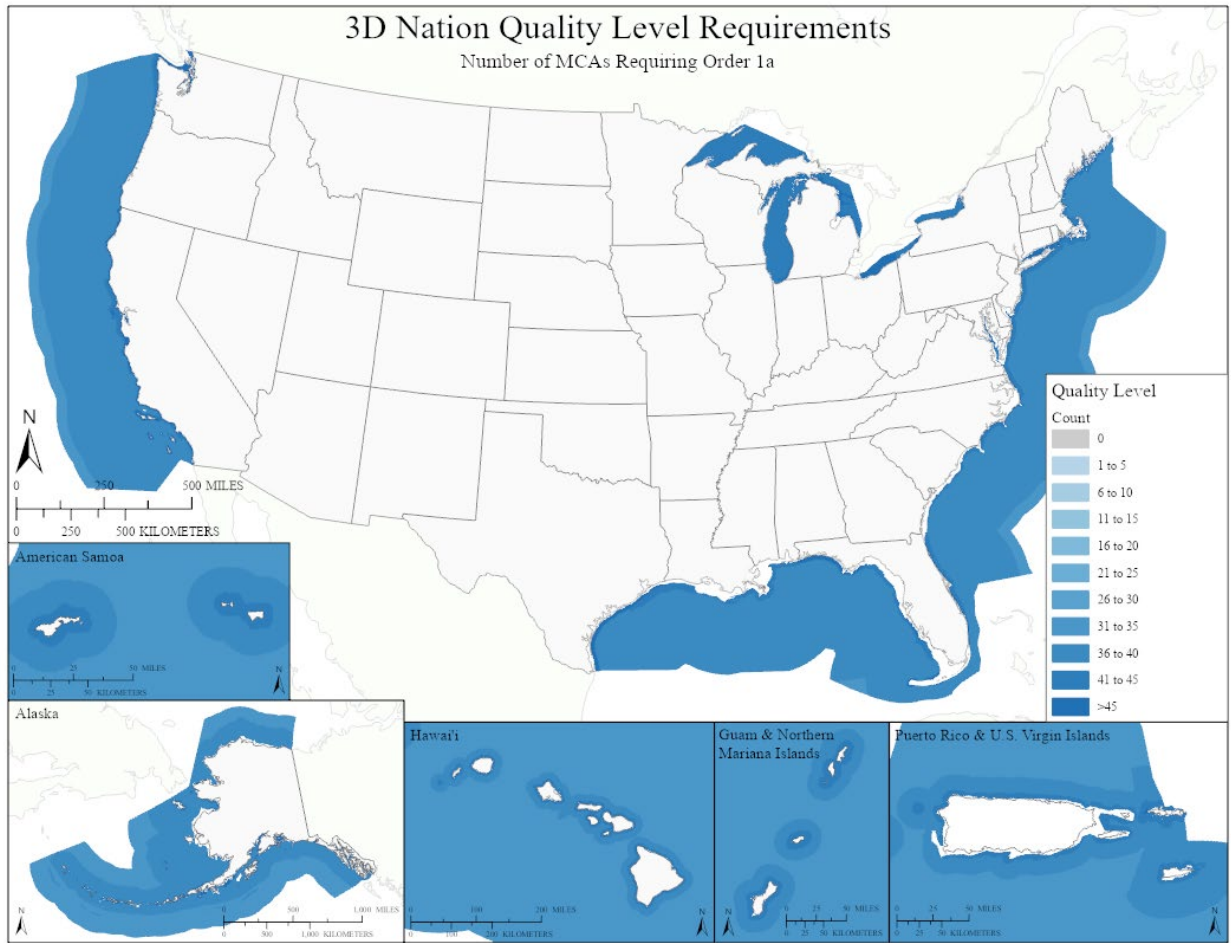


Figure J.32. Number of MCAs for which Order 1a data are required for Offshore Bathymetry

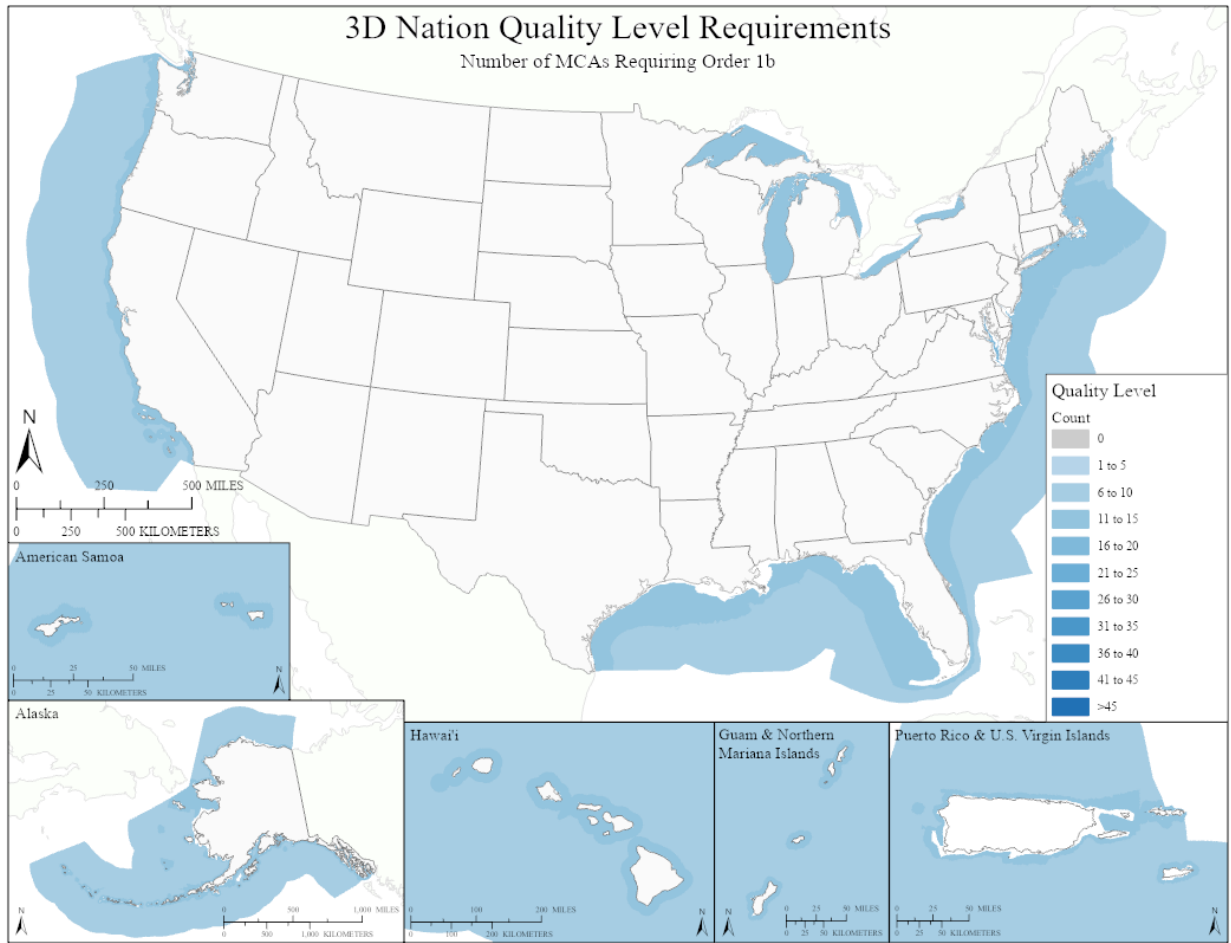


Figure J.33. Number of MCAs for which Order 1b data are required for Offshore Bathymetry

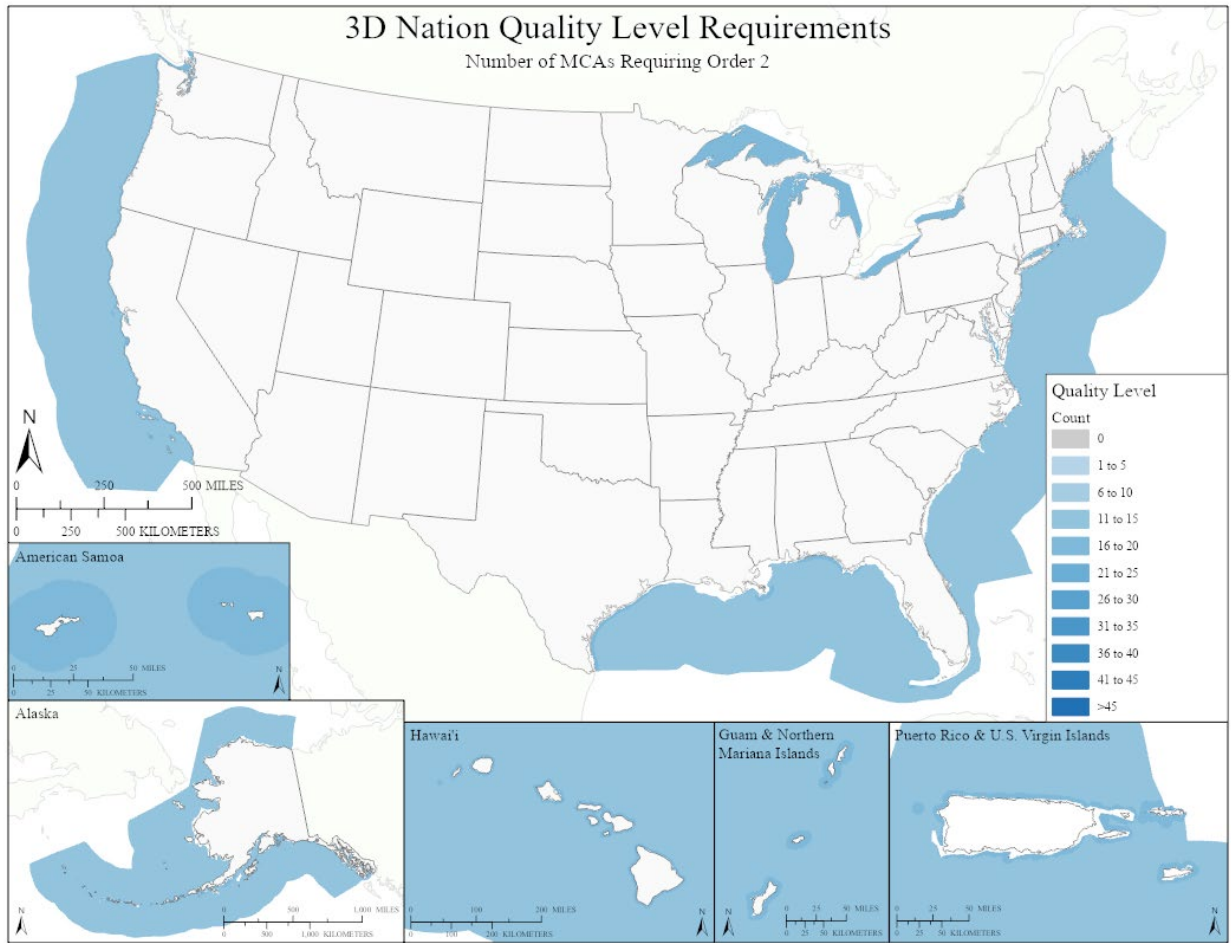


Figure J.34. Number of MCAs for which Order 2 data are required for Offshore Bathymetry

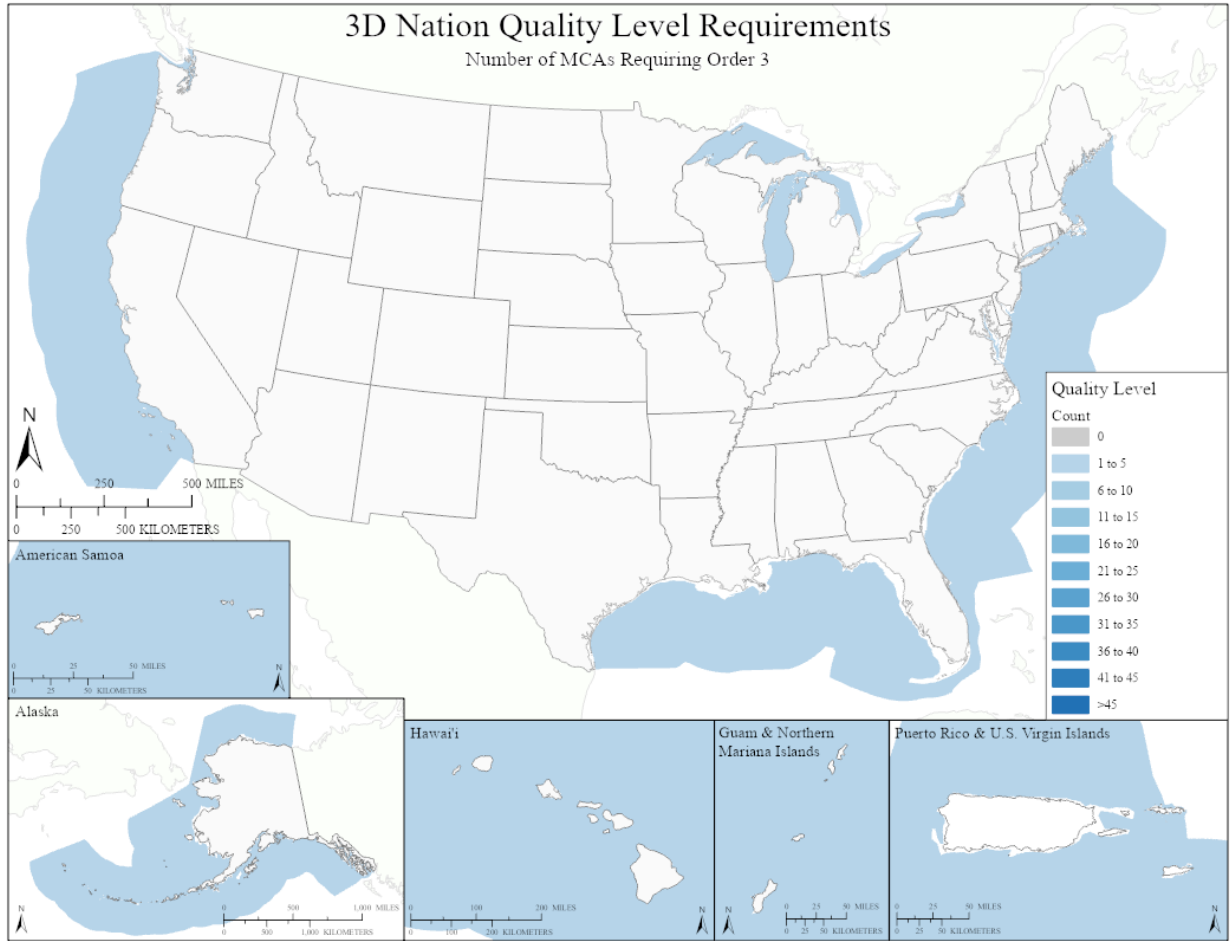


Figure J.35. Number of MCAs for which Order 3 data are required for Offshore Bathymetry

Offshore Bathymetry Update Frequency Requirements

Respondents were asked how frequently the 3D topographic data need to be updated to satisfy the requirements of the Offshore Bathymetry portion of their MCA. Figures J.36 – J.40 below show the spatial distribution of the update frequency responses. Each map shows the number of MCAs with one of the following update frequency requirement options: annually, 2-3 years, 4-5 years, 6-10 years, and >10 years. Areas with darker colors have greater numbers of areas of interest.

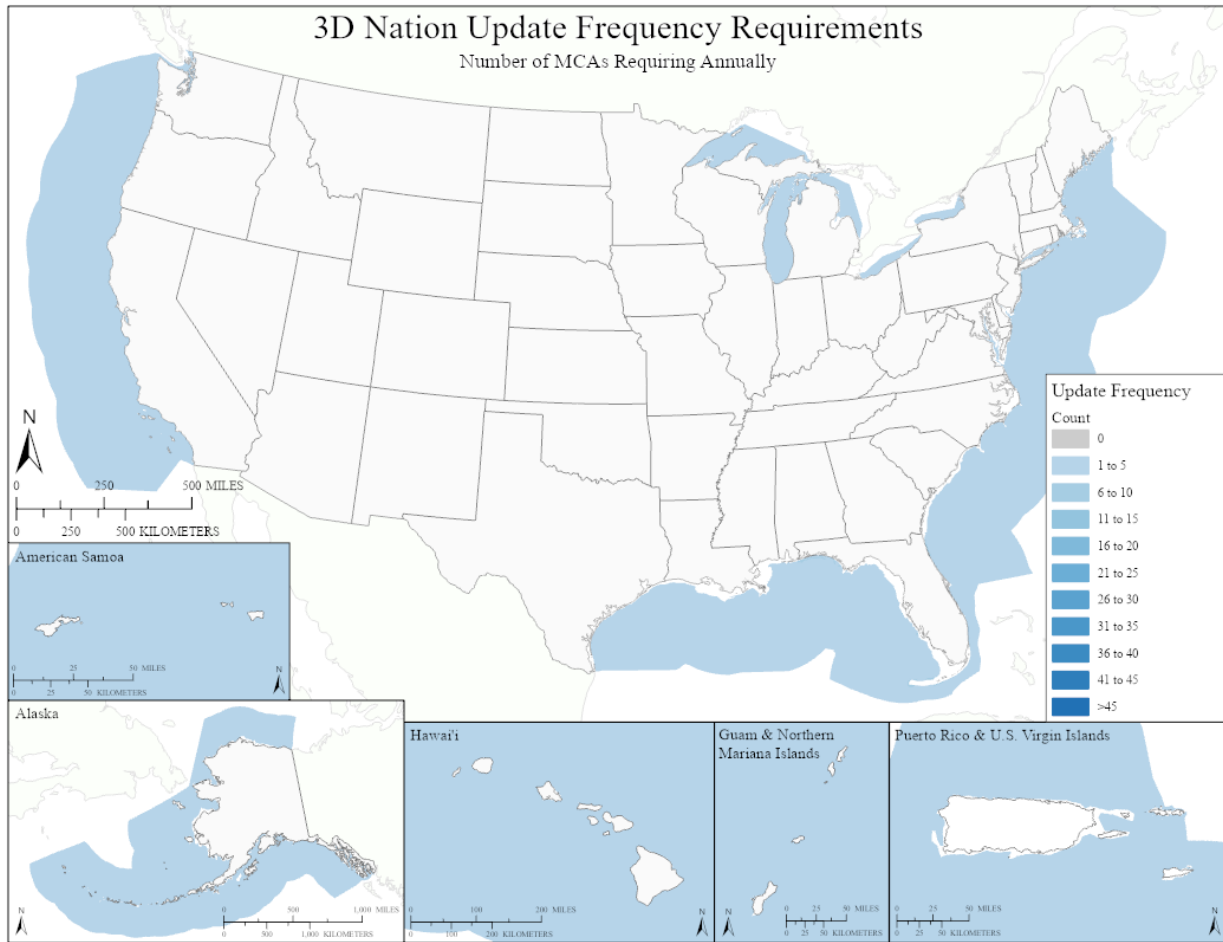


Figure J.36. Number of MCAs for which annual updates are required for Offshore Bathymetry

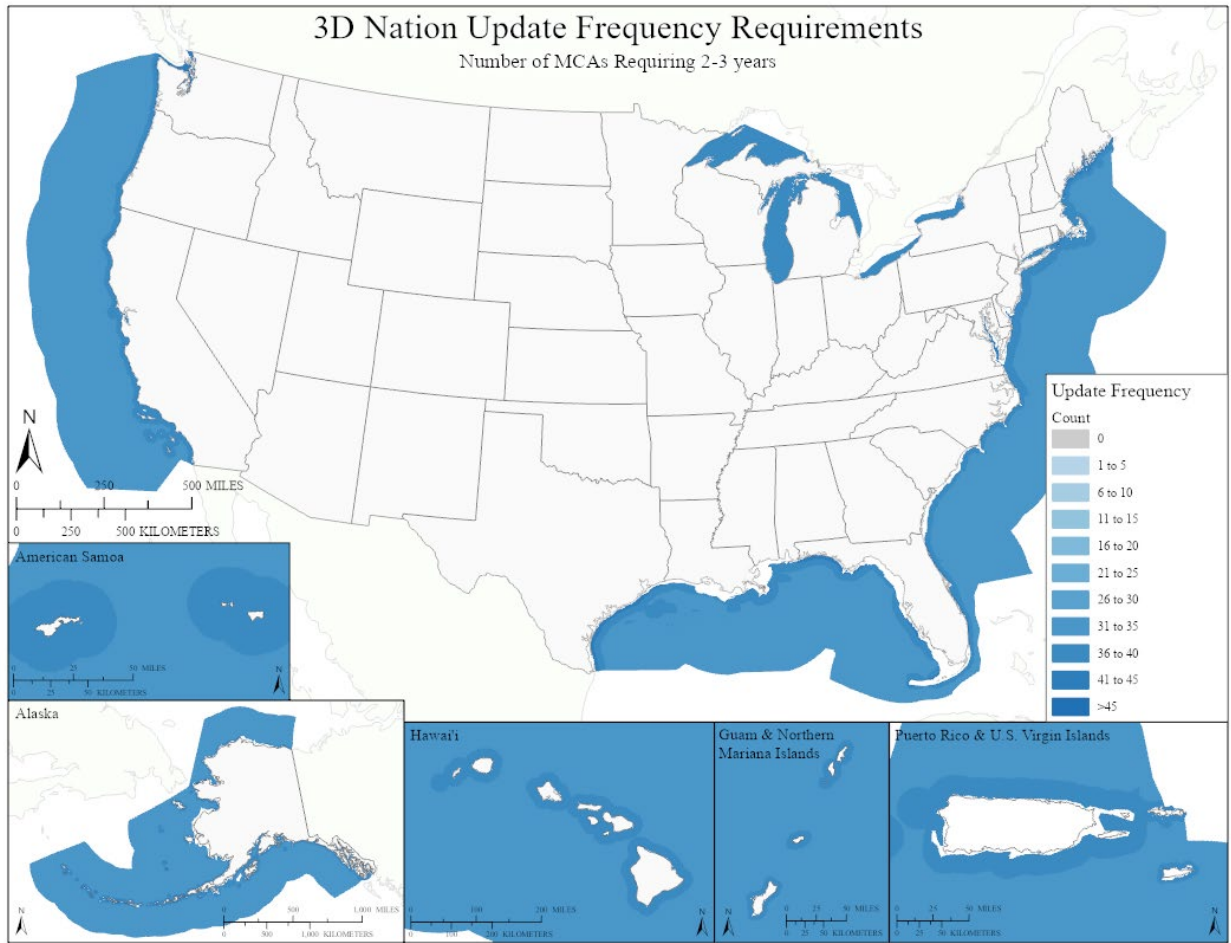


Figure J.37. Number of MCAs for which 2-3-year updates are required for Offshore Bathymetry

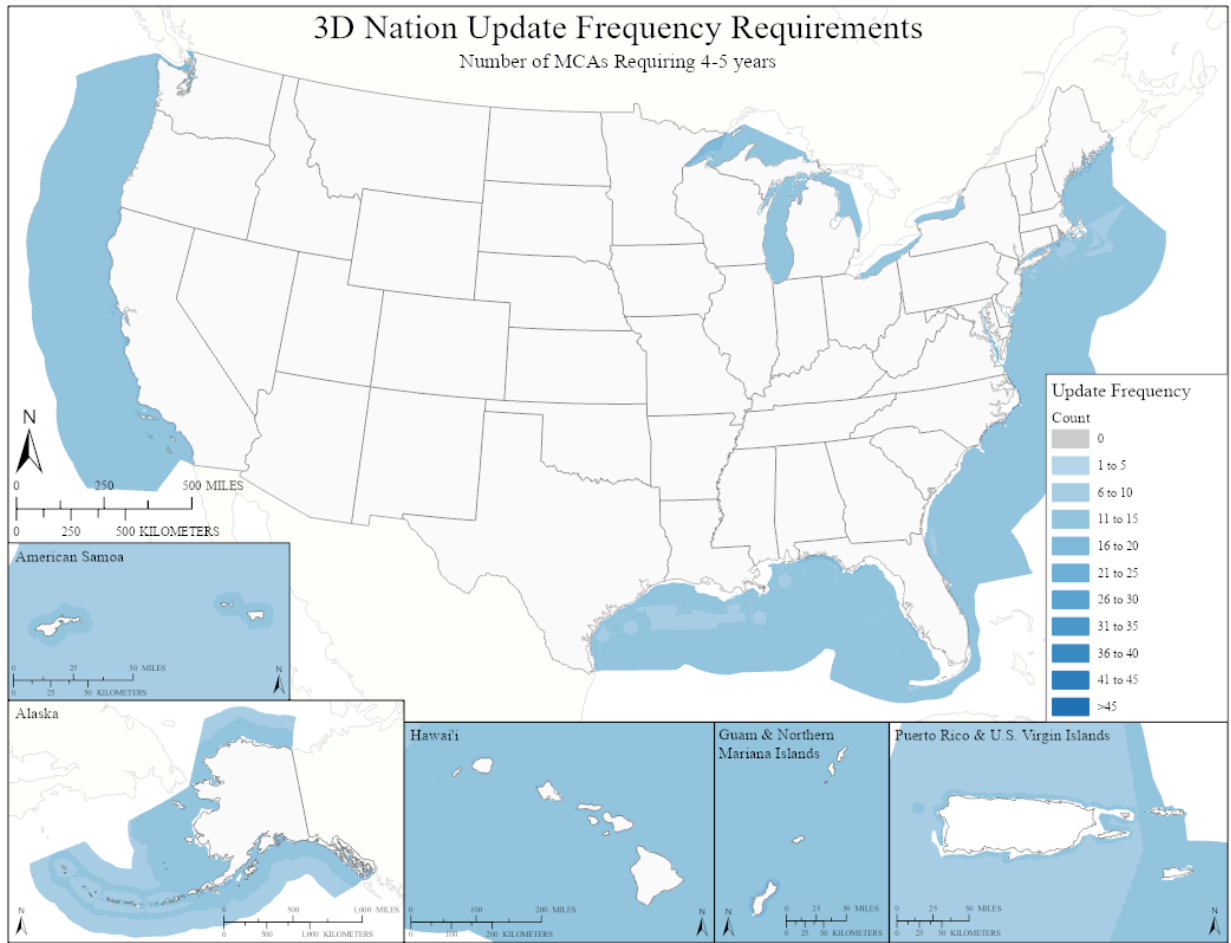


Figure J.38. Number of MCAs for which 4-5-year updates are required for Offshore Bathymetry

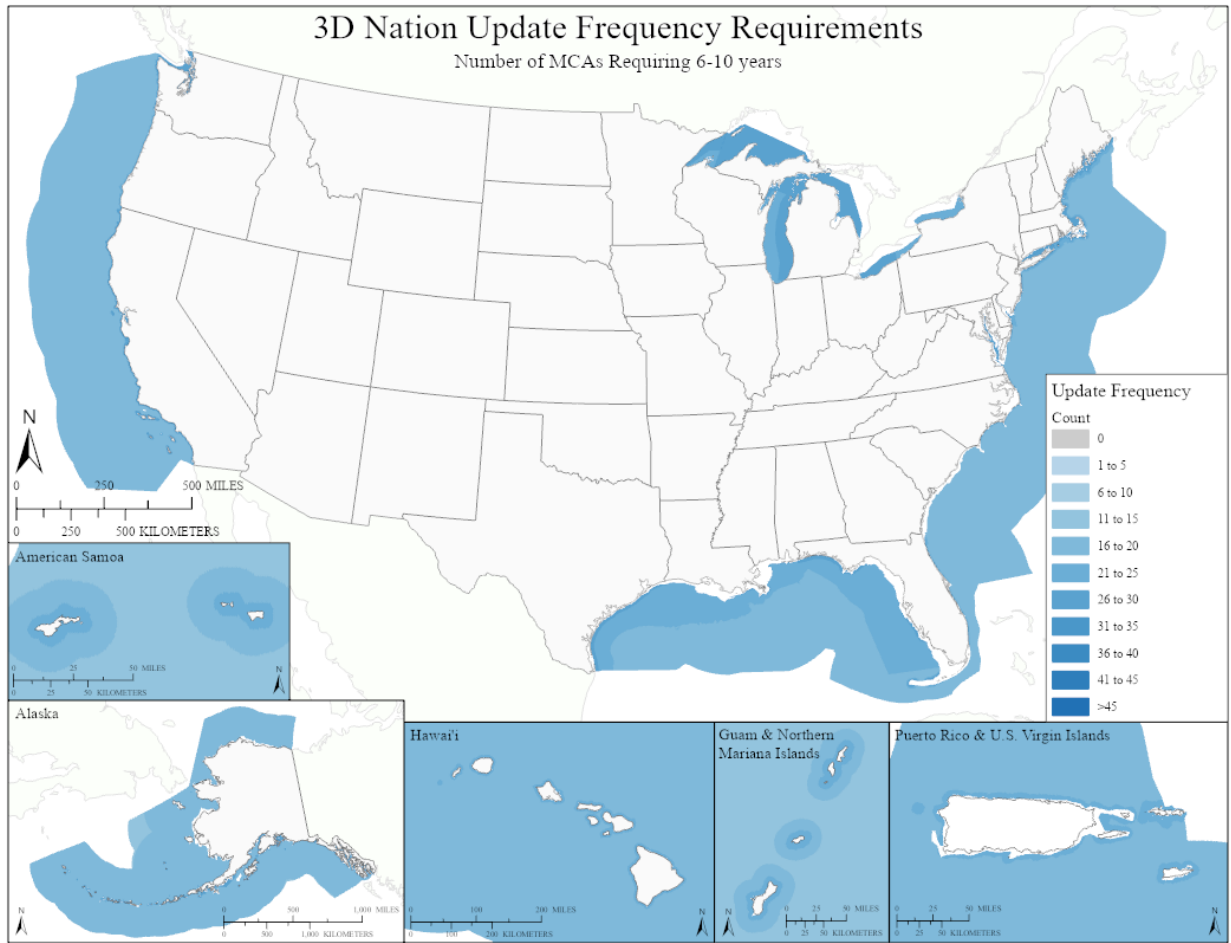


Figure J.39. Number of MCAs for which 6-10-year updates are required for Offshore Bathymetry

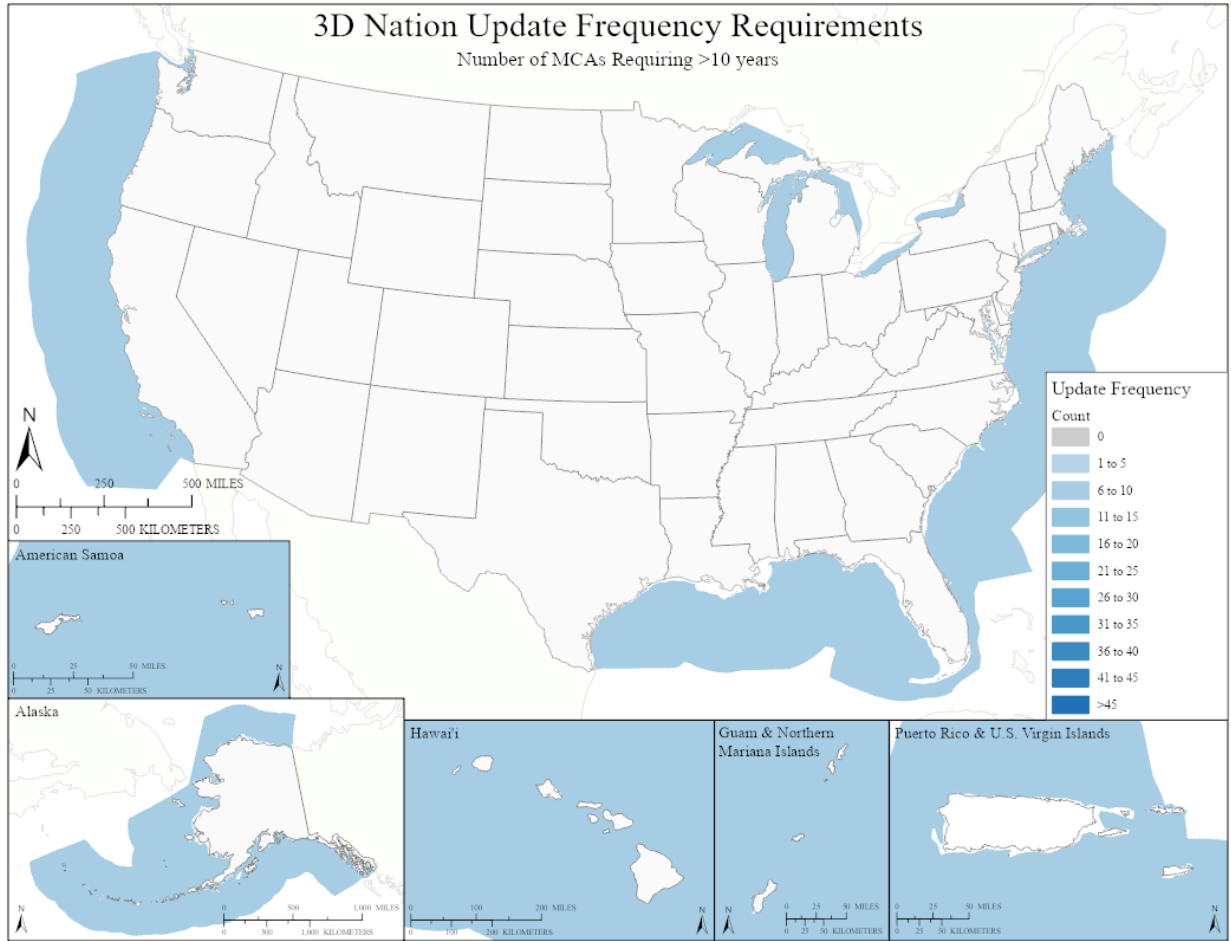


Figure J.40. Number of MCAs for which >10-year updates are required for Offshore Bathymetry