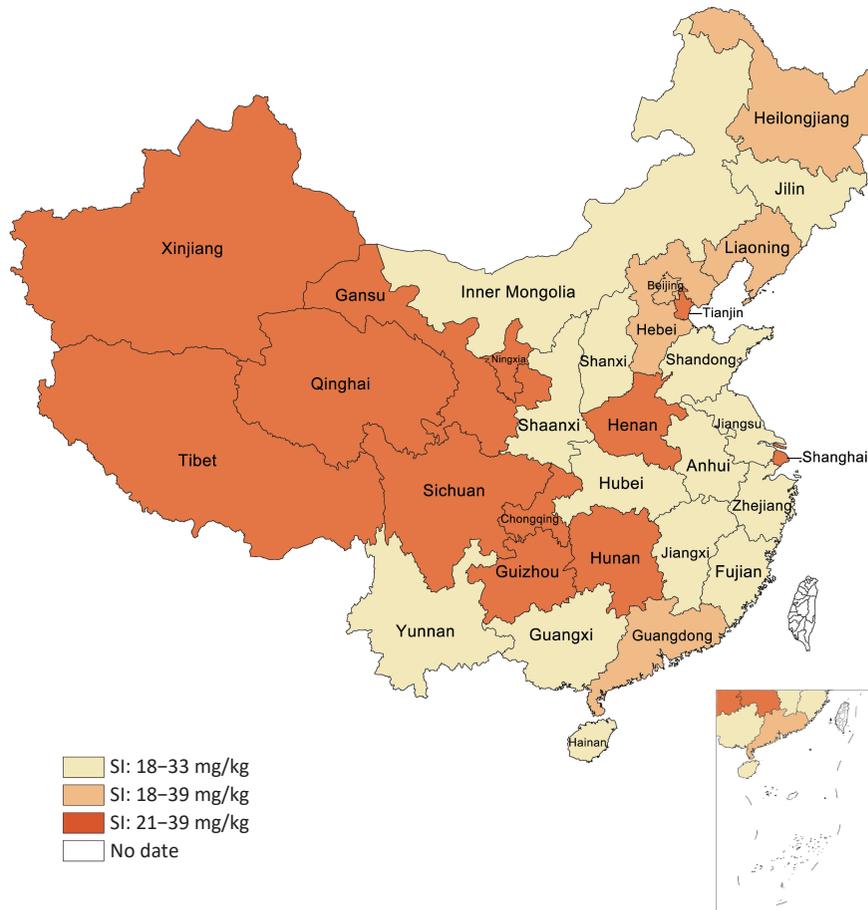
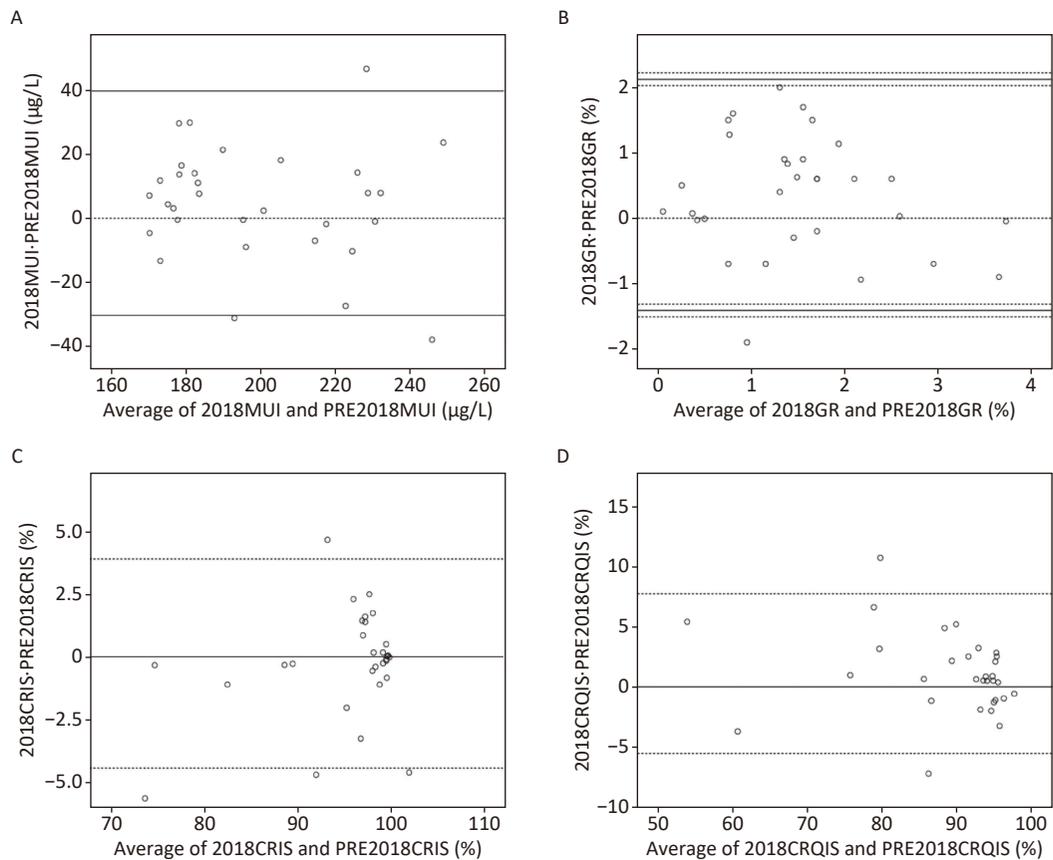


Supplementary Table S1. Bland-Altman analysis result

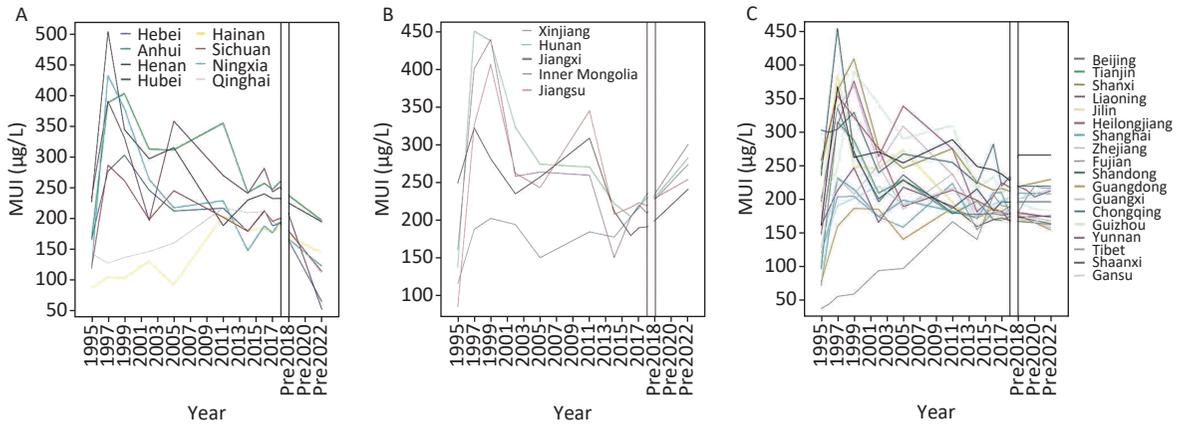
Index	Bland-Altman	95% CI	Outlier percentage (%)	Exact percentage (%)
MUI (μg/L)	-30.32	39.80	9.68	9.68
GR (%)	-1.32	2.03	6.45	12.90
GRIS (%)	-4.44	3.90	12.90	12.90
CRQIS (%)	-5.54	7.75	6.45	0



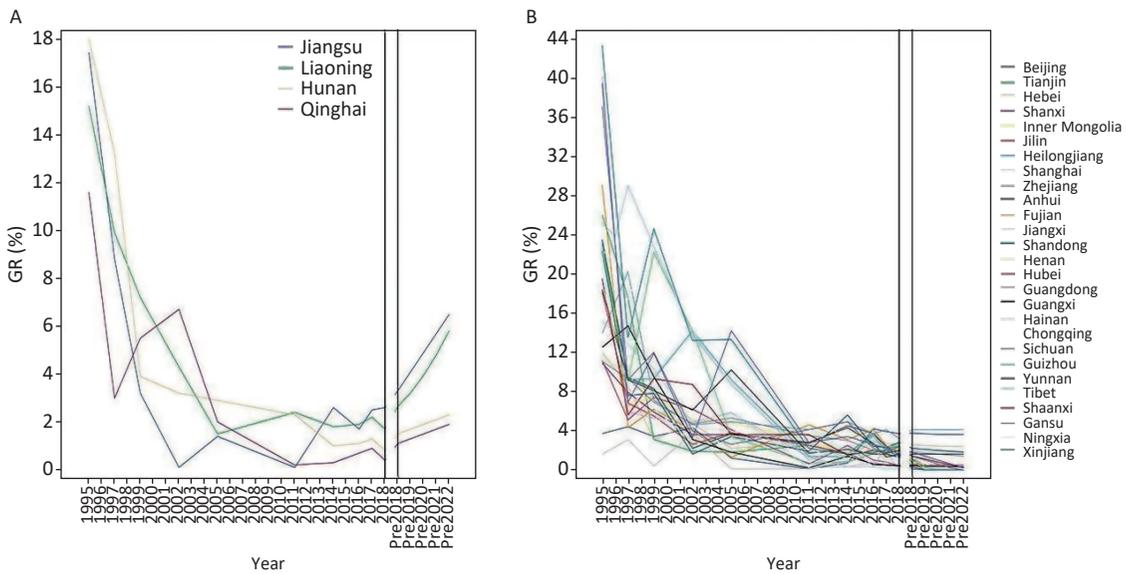
Supplementary Figure S1. The concentration standard of iodized salt in China.



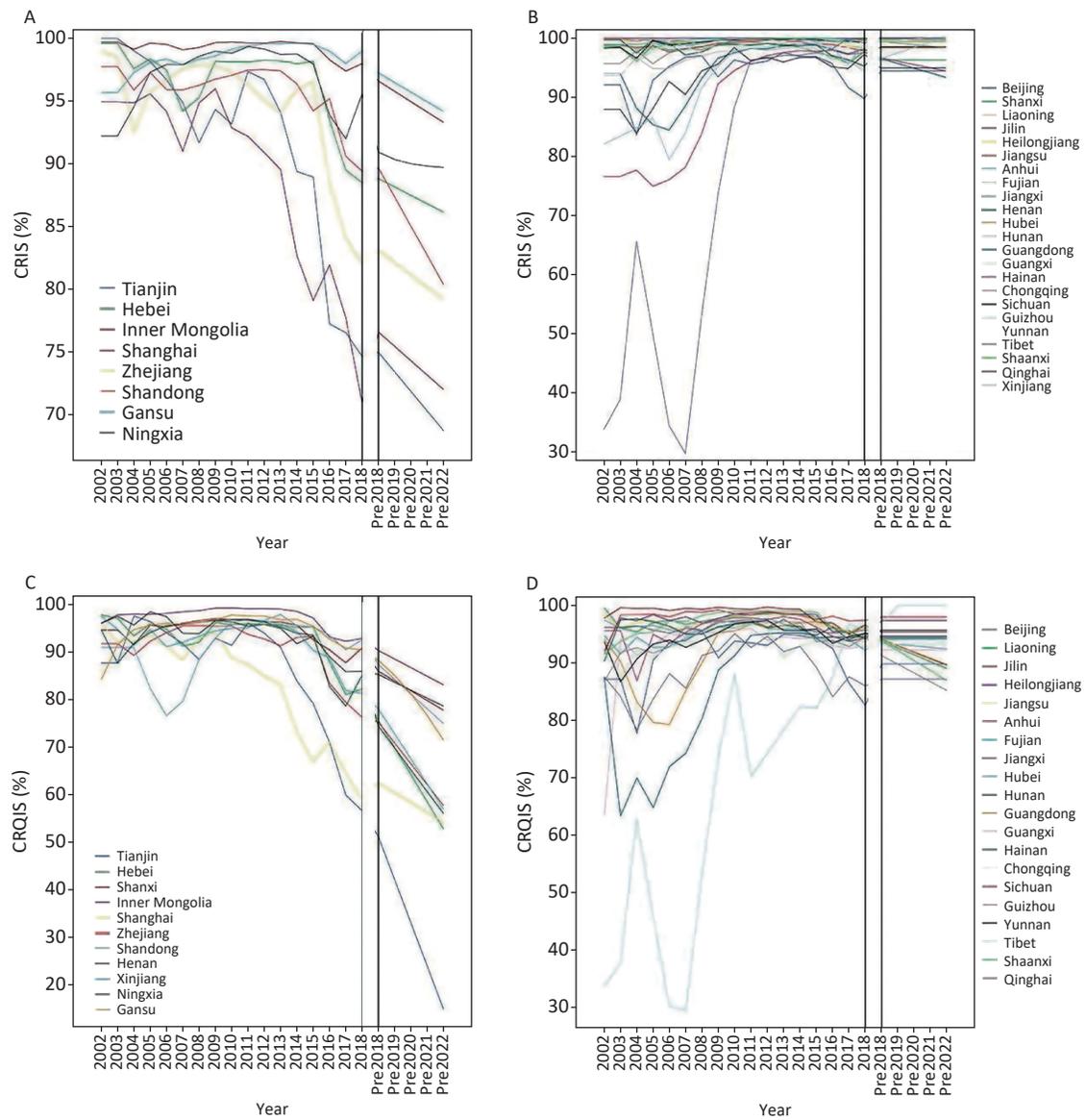
Supplementary Figure S2. Provinces with 2018 actual and predicted MUI, GR, CRIS and CRQIS Bland-Altman analysis. (A) Provinces with 2018 MUI and predicted 2018 MUI Bland-Altman Analysis; (B) provinces with 2018 GR and predicted 2018 GR Bland-Altman Analysis; (C) provinces with 2018 CRIS and predicted 2018 CRIS Bland-Altman Analysis; (D) provinces with 2018 CRQIS and predicted 2018 CRQIS Bland-Altman Analysis. (A), (C), and (D) show three lines for the upper limit of the 95% consistency limit, exact consistency levels for both, and the lower limit of the 95% consistency limit. Figure (B), the seven lines are the upper confidence interval for the upper 95% consistency limit, the upper 95% consistency limit, the lower confidence interval for the upper 95% consistency limit, exact consistency levels for both, and the lower confidence interval for the lower 95% consistency limit.



Supplementary Figure S3. Time series analysis of IDD surveillance in different years (MUI of provinces). (A) Provinces with MUI of children present decreased tendency; (B) provinces with MUI of children present increased tendency; (C) provinces with MUI of children present unchanged tendency. Solid lines show actual values, dots show 2018 actual values, dashed lines show projected values.



Supplementary Figure S4. Time series analysis of IDD surveillance in different years (GR of provinces). (A) Provinces with GR of children present increased tendency; (B) provinces with GR of children present unchanged tendency. Solid lines show actual values, dots show 2018 actual values, dashed lines show projected values.



Supplementary Figure S5. Time Series Analysis of IDD Surveillance in Different Years (CRIS and CRQIS). (A) Provinces with CRIS present decreased tendency; (B) provinces with CRIS present unchanged tendency; (C) provinces with CRQIS present decreased tendency; (D) provinces with CRQIS present unchanged tendency. Solid lines show actual values, dots show 2018 actual values, dashed lines show projected values.