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**Figure S1.** The distribution of sample size in each province in Chinese National Survey on Students’ Constitution and Health (CNSSCH) between 2010 and 2014

Note: Three colors presented east (red), central (orange) and west (yellow) regions of China. The CNSSCH included the 31 mainland provinces and excluded Hong Kong, Macao, and Taiwan. Two numbers under the name of province presented the sample size in 2010 and 2014 respectively.

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**Figure S2.** The distribution and changes for prevalence of stunting in different subgroups in national 31 provinces between 2010 and 2014

Note: Total stunting in urban (A) and rural areas (D) in 2010; total stunting in urban (B) and rural areas (E) in 2014; changes for stunting in urban (C) and rural areas (F) between 2010 and 2014.

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**Figure S3.** The distribution and changes for prevalence of wasting in different subgroups in national 31 provinces between 2010 and 2014

Note: Total wasting in urban (A) and rural areas (D) in 2010; total wasting in urban (B) and rural areas (E) in 2014; changes for wasting in urban (C) and rural areas (F) between 2010 and 2014.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Table S1. Age-specific stunting, wasting and malnutrition prevalence in urban and rural areas, %, 95%CI** | | | | | | | |
| Groups | 7 | 8 | 9 | 10 | 11 | 12 | Total |
| Sample Size |  |  |  |  |  |  |  |
| 2010 | 17947 | 17934 | 17956 | 17960 | 17982 | 17962 | 107741 |
| 2014 | 17892 | 17864 | 17946 | 17944 | 17921 | 17906 | 107473 |
| Total | 35839 | 35798 | 35902 | 35904 | 35903 | 35868 | 215214 |
| Stunting |  |  |  |  |  |  |  |
| Urban |  |  |  |  |  |  |  |
| 2010 | 0.7(0.6,0.9) | 0.8(0.7,1.0) | 1.0(0.8,1.2) | 0.9(0.7,1.1) | 1.1(0.9,1.3) | 0.9(0.7,1.1) | 0.9(0.8,1.0) |
| 2014 | 0.4(0.3,0.5) | 0.4(0.3,0.6) | 0.4(0.3,0.5) | 0.4(0.3,0.5) | 0.4(0.3,0.6) | 0.5(0.4,0.7) | 0.4(0.4,0.5) |
| Changes | 0.3(0.1,0.6) | 0.4(0.2,0.7) | 0.6(0.4,0.9) | 0.5(0.2,0.7) | 0.7(0.4,0.9) | 0.4(0.1,0.6) | 0.5(0.4,0.6) |
| Rural |  |  |  |  |  |  |  |
| 2010 | 2.9(2.5,3.2) | 2.8(2.5,3.2) | 3.8(3.4,4.2) | 2.7(2.4,3.0) | 2.9(2.6,3.3) | 2.8(2.5,3.2) | 3.0(2.8,3.1) |
| 2014 | 1.4(1.2,1.7) | 1.7(1.4,1.9) | 2.0(1.7,2.3) | 1.5(1.2,1.7) | 1.3(1.1,1.6) | 1.5(1.2,1.7) | 1.5(1.4,1.7) |
| Changes | 1.5(1.0,1.9) | 1.2(0.7,1.6) | 1.8(1.3,2.3) | 1.2(0.8,1.6) | 1.6(1.2,2.1) | 1.4(0.9,1.8) | 1.4(1.3,1.6) |
| Total |  |  |  |  |  |  |  |
| 2010 | 1.8(1.6,2.0) | 1.8(1.6,2.0) | 2.4(2.2,2.7) | 1.8(1.6,2.0) | 2.0(1.8,2.2) | 1.8(1.7,2.1) | 1.9(1.9,2.0) |
| 2014 | 0.9(0.8,1.0) | 1.0(0.9,1.2) | 1.2(1.0,1.4) | 0.9(0.8,1.1) | 0.9(0.7,1.0) | 1.0(0.8,1.1) | 1.0(0.9,1.0) |
| Changes | 0.9(0.7,1.1) | 0.8(0.6,1.0) | 1.2(1.0,1.5) | 0.9(0.6,1.1) | 1.2(0.9,1.4) | 0.9(0.6,1.1) | 1.0(0.9,1.1) |
| Wasting |  |  |  |  |  |  |  |
| Urban |  |  |  |  |  |  |  |
| 2010 | 10.8(10.1,11.4) | 11.3(10.7,12.0) | 10.7(10.0,11.3) | 10.2(9.6,10.9) | 10.8(10.1,11.4) | 10.3(9.7,10.9) | 10.7(10.4,10.9) |
| 2014 | 9.6(9.0,10.3) | 9.6(9.0,10.2) | 8.7(8.1,9.3) | 8.4(7.8,9.0) | 8.1(7.6,8.7) | 8.4(7.8,8.9) | 8.8(8.6,9.0) |
| Changes | 1.1(0.3,2.0) | 1.7(0.8,2.6) | 2.0(1.2,2.9) | 1.9(1.0,2.7) | 2.6(1.8,3.5) | 1.9(1.1,2.8) | 1.9(1.5,2.2) |
| Rural |  |  |  |  |  |  |  |
| 2010 | 14.4(13.6,15.1) | 13.6(12.9,14.4) | 13.6(12.9,14.3) | 13.0(12.3,13.7) | 14.5(13.8,15.2) | 14.2(13.5,14.9) | 13.9(13.6,14.2) |
| 2014 | 10.8(10.1,11.4) | 10.2(9.6,10.9) | 9.8(9.2,10.4) | 10.2(9.6,10.8) | 10.0(9.4,10.7) | 9.6(9.0,10.3) | 10.1(9.8,10.4) |
| Changes | 3.6(2.6,4.6) | 3.4(2.5,4.4) | 3.8(2.8,4.7) | 2.8(1.9,3.7) | 4.5(3.5,5.4) | 4.6(3.6,5.5) | 3.8(3.4,4.2) |
| Total |  |  |  |  |  |  |  |
| 2010 | 12.6(12.1,13.1) | 12.5(12.0,13.0) | 12.1(11.6,12.6) | 11.6(11.2,12.1) | 12.6(12.1,13.1) | 12.2(11.8,12.7) | 12.3(12.1,12.5) |
| 2014 | 10.2(9.8,10.6) | 9.9(9.5,10.3) | 9.2(8.8,9.7) | 9.3(8.9,9.7) | 9.1(8.7,9.5) | 9.0(8.6,9.4) | 9.4(9.3,9.6) |
| Changes | 2.4(1.7,3.0) | 2.6(1.9,3.2) | 2.9(2.3,3.5) | 2.3(1.7,3.0) | 3.6(2.9,4.2) | 3.3(2.6,3.9) | 2.8(2.6,3.1) |
| Malnutrition |  |  |  |  |  |  |  |
| Urban |  |  |  |  |  |  |  |
| 2010 | 11.3(10.7,12.0) | 12.0(11.3,12.7) | 11.5(10.8,12.2) | 10.9(10.2,11.5) | 11.5(10.9,12.2) | 10.9(10.3,11.6) | 11.3(11.1,11.6) |
| 2014 | 10.0(9.4,10.6) | 10.0(9.4,10.6) | 8.9(8.3,9.5) | 8.7(8.1,9.3) | 8.5(7.9,9.1) | 8.7(8.1,9.3) | 9.1(8.9,9.4) |
| Changes | 1.4(0.5,2.3) | 2.0(1.1,2.9) | 2.6(1.7,3.4) | 2.2(1.3,3.0) | 3.0(2.2,3.9) | 2.2(1.4,3.1) | 2.2(1.9,2.6) |
| Rural |  |  |  |  |  |  |  |
| 2010 | 16.6(15.9,17.4) | 15.9(15.2,16.7) | 16.5(15.8,17.3) | 15.0(14.3,15.8) | 16.4(15.6,17.2) | 15.9(15.2,16.7) | 16.1(15.8,16.4) |
| 2014 | 11.9(11.2,12.6) | 11.5(10.9,12.2) | 11.4(10.7,12.0) | 11.3(10.6,12.0) | 10.9(10.3,11.6) | 10.6(10.0,11.3) | 11.3(11.0,11.5) |
| Changes | 4.7(3.7,5.8) | 4.4(3.4,5.4) | 5.2(4.1,6.2) | 3.8(2.8,4.7) | 5.5(4.5,6.5) | 5.3(4.3,6.3) | 4.8(4.4,5.2) |
| Total |  |  |  |  |  |  |  |
| 2010 | 14.0(13.5,14.5) | 13.9(13.4,14.5) | 14.0(13.5,14.5) | 13.0(12.5,13.5) | 13.9(13.4,14.5) | 13.4(12.9,13.9) | 13.7(13.5,13.9) |
| 2014 | 10.9(10.5,11.4) | 10.7(10.3,11.2) | 10.1(9.7,10.6) | 10.0(9.6,10.4) | 9.7(9.3,10.1) | 9.6(9.2,10.1) | 10.2(10.0,10.4) |
| Changes | 3.1(2.4,3.7) | 3.2(2.5,3.9) | 3.9(3.2,4.5) | 3.0(2.3,3.6) | 4.2(3.6,4.9) | 3.8(3.1,4.4) | 3.5(3.2,3.8) |

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| **Table S2.** The prevalence of stunting of Chinese children in national 31 provinces by urban and rural areas between 2010 and 2014, % | | | | | | | | | | | |
| Provinces | Urban | | |  | Rural | | |  | Total | | |
| 2010 | 2014 | Changes |  | 2010 | 2014 | Changes |  | 2010 | 2014 | Changes |
| Beijing | 0.1 | 0.1 | 0.1 |  | 0.8 | 0.2 | 0.6 |  | 0.4 | 0.1 | 0.3 |
| Tianjin | 0.0 | 0.1 | -0.1 |  | 0.3 | 0.2 | 0.1 |  | 0.1 | 0.1 | 0.0 |
| Hebei | 0.1 | 0.1 | 0.1 |  | 0.3 | 0.2 | 0.2 |  | 0.2 | 0.1 | 0.1 |
| Shanxi | 0.3 | 0.1 | 0.2 |  | 1.6 | 0.4 | 1.2 |  | 0.9 | 0.3 | 0.7 |
| Inner Mongolia | 0.4 | 0.1 | 0.3 |  | 1.7 | 0.5 | 1.3 |  | 1.1 | 0.3 | 0.8 |
| Liaoning | 0.0 | 0.2 | -0.2 |  | 0.3 | 0.8 | -0.4 |  | 0.2 | 0.5 | -0.3 |
| Jilin | 3.6 | 0.2 | 3.5 |  | 4.9 | 0.8 | 4.1 |  | 4.3 | 0.5 | 3.8 |
| Heilongjiang | 0.1 | 0.1 | -0.1 |  | 1.1 | 2.7 | -1.6 |  | 0.6 | 1.4 | -0.8 |
| Shanghai | 0.2 | 0.1 | 0.1 |  | 0.2 | 0.2 | -0.1 |  | 0.2 | 0.2 | 0.0 |
| Jiangsu | 0.1 | 0.0 | 0.1 |  | 0.3 | 0.1 | 0.2 |  | 0.2 | 0.1 | 0.1 |
| Zhejiang | 0.1 | 0.1 | 0.0 |  | 0.6 | 0.1 | 0.5 |  | 0.4 | 0.1 | 0.3 |
| Anhui | 1.1 | 0.2 | 0.9 |  | 1.6 | 0.4 | 1.1 |  | 1.3 | 0.3 | 1.0 |
| Fujian | 0.3 | 0.1 | 0.2 |  | 0.8 | 0.6 | 0.2 |  | 0.6 | 0.3 | 0.2 |
| Jiangxi | 0.6 | 0.4 | 0.2 |  | 2.6 | 1.9 | 0.7 |  | 1.6 | 1.2 | 0.5 |
| Shandong | 0.1 | 0.0 | 0.1 |  | 0.1 | 0.2 | -0.1 |  | 0.1 | 0.1 | 0.0 |
| Henan | 0.2 | 0.1 | 0.2 |  | 1.8 | 0.3 | 1.4 |  | 1.0 | 0.2 | 0.8 |
| Hubei | 0.6 | 0.2 | 0.4 |  | 1.3 | 0.4 | 0.9 |  | 1.0 | 0.3 | 0.7 |
| Hunan | 0.5 | 0.8 | -0.3 |  | 2.2 | 2.0 | 0.2 |  | 1.3 | 1.4 | -0.1 |
| Guangdong | 0.6 | 0.7 | -0.2 |  | 2.4 | 1.7 | 0.8 |  | 1.5 | 1.2 | 0.3 |
| Guangxi | 0.7 | 0.3 | 0.4 |  | 5.3 | 3.2 | 2.2 |  | 3.0 | 1.7 | 1.3 |
| Hainan | 1.4 | 1.2 | 0.2 |  | 3.9 | 3.5 | 0.4 |  | 2.7 | 2.4 | 0.3 |
| Chongqing | 1.7 | 1.3 | 0.4 |  | 5.1 | 2.4 | 2.7 |  | 3.4 | 1.9 | 1.5 |
| Sichuan | 0.6 | 0.3 | 0.3 |  | 12.3 | 4.8 | 7.4 |  | 6.4 | 2.6 | 3.9 |
| Guizhou | 5.0 | 2.2 | 2.8 |  | 13.7 | 6.3 | 7.5 |  | 9.4 | 4.2 | 5.2 |
| Yunnan | 2.5 | 0.7 | 1.8 |  | 3.6 | 1.2 | 2.4 |  | 3.1 | 1.0 | 2.1 |
| Tibet | 2.2 | 0.7 | 1.5 |  | — | — | — |  | 2.1 | 0.7 | 1.5 |
| Shaanxi | 1.6 | 0.8 | 0.7 |  | 3.7 | 2.1 | 1.7 |  | 2.6 | 1.4 | 1.2 |
| Gansu | 0.4 | 0.1 | 0.4 |  | 2.5 | 1.9 | 0.6 |  | 1.5 | 1.0 | 0.5 |
| Qinghai | 3.1 | 1.2 | 1.8 |  | 6.4 | 3.1 | 3.3 |  | 4.8 | 2.2 | 2.6 |
| Ningxia | 0.5 | 0.2 | 0.3 |  | 3.1 | 0.8 | 2.3 |  | 1.8 | 0.5 | 1.3 |
| Xinjiang | 0.7 | 0.5 | 0.2 |  | 4.8 | 3.5 | 1.3 |  | 2.8 | 2.0 | 0.8 |
| Total | 0.9 | 0.4 | 0.5 |  | 3.0 | 1.5 | 1.4 |  | 1.9 | 1.0 | 1.0 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Table S3.** The prevalence of wasting of Chinese children in national 31 provinces by urban and rural areas between 2010 and 2014, % | | | | | | | | | | | |
| Provinces | Urban | | |  | Rural | | |  | Total | | |
| 2010 | 2014 | Changes |  | 2010 | 2014 | Changes |  | 2010 | 2014 | Changes |
| Beijing | 8.9 | 8.2 | 0.7 |  | 9.8 | 8.4 | 1.3 |  | 9.3 | 8.3 | 1.0 |
| Tianjin | 5.7 | 5.9 | -0.2 |  | 8.3 | 7.2 | 1.1 |  | 7.0 | 6.5 | 0.5 |
| Hebei | 8.8 | 8.6 | 0.2 |  | 9.3 | 7.2 | 2.1 |  | 9.1 | 7.9 | 1.2 |
| Shanxi | 8.7 | 8.6 | 0.1 |  | 10.1 | 11.8 | -1.7 |  | 9.4 | 10.2 | -0.8 |
| Inner Mongolia | 9.5 | 6.8 | 2.7 |  | 8.5 | 6.1 | 2.4 |  | 9.0 | 6.4 | 2.6 |
| Liaoning | 10.1 | 9.5 | 0.6 |  | 11.5 | 8.4 | 3.0 |  | 10.8 | 9.0 | 1.8 |
| Jilin | 9.8 | 8.2 | 1.6 |  | 10.2 | 7.7 | 2.5 |  | 10.0 | 8.0 | 2.0 |
| Heilongjiang | 9.2 | 11.2 | -2.0 |  | 10.9 | 4.8 | 6.1 |  | 10.0 | 8.0 | 2.1 |
| Shanghai | 8.7 | 7.6 | 1.1 |  | 10.2 | 6.4 | 3.8 |  | 9.4 | 7.0 | 2.4 |
| Jiangsu | 6.6 | 5.0 | 1.6 |  | 9.2 | 4.1 | 5.1 |  | 7.9 | 4.6 | 3.3 |
| Zhejiang | 7.1 | 6.2 | 0.9 |  | 7.2 | 6.0 | 1.2 |  | 7.1 | 6.1 | 1.0 |
| Anhui | 11.0 | 8.7 | 2.3 |  | 12.0 | 10.6 | 1.4 |  | 11.5 | 9.6 | 1.9 |
| Fujian | 6.3 | 8.2 | -1.9 |  | 16.1 | 11.5 | 4.6 |  | 11.2 | 9.9 | 1.4 |
| Jiangxi | 11.6 | 6.7 | 4.9 |  | 12.8 | 9.4 | 3.4 |  | 12.2 | 8.1 | 4.1 |
| Shandong | 9.7 | 5.3 | 4.4 |  | 5.5 | 4.3 | 1.2 |  | 7.6 | 4.8 | 2.8 |
| Henan | 6.1 | 5.5 | 0.6 |  | 9.7 | 6.7 | 3.0 |  | 7.9 | 6.1 | 1.8 |
| Hubei | 11.1 | 4.9 | 6.1 |  | 14.3 | 9.7 | 4.6 |  | 12.7 | 7.3 | 5.4 |
| Hunan | 11.3 | 9.0 | 2.3 |  | 14.9 | 9.8 | 5.1 |  | 13.1 | 9.4 | 3.7 |
| Guangdong | 15.9 | 11.9 | 4.0 |  | 19.9 | 15.8 | 4.1 |  | 17.9 | 13.9 | 4.1 |
| Guangxi | 9.8 | 10.0 | -0.2 |  | 21.3 | 17.2 | 4.1 |  | 15.6 | 13.6 | 1.9 |
| Hainan | 16.8 | 14.4 | 2.4 |  | 23.3 | 18.1 | 5.2 |  | 20.1 | 16.3 | 3.8 |
| Chongqing | 12.3 | 10.1 | 2.3 |  | 12.6 | 10.1 | 2.5 |  | 12.5 | 10.1 | 2.4 |
| Sichuan | 10.7 | 9.1 | 1.6 |  | 13.6 | 14.4 | -0.8 |  | 12.1 | 11.8 | 0.4 |
| Guizhou | 14.7 | 11.1 | 3.5 |  | 18.7 | 14.7 | 4.1 |  | 16.7 | 12.9 | 3.8 |
| Yunnan | 18.3 | 18.2 | 0.1 |  | 21.2 | 18.0 | 3.2 |  | 19.7 | 18.1 | 1.6 |
| Tibet | 19.7 | 12.5 | 7.2 |  | — | — | — |  | 19.7 | 12.5 | 7.2 |
| Shaanxi | 11.0 | 5.1 | 5.9 |  | 16.0 | 7.6 | 8.4 |  | 13.5 | 6.3 | 7.2 |
| Gansu | 10.8 | 7.4 | 3.4 |  | 18.2 | 9.4 | 8.7 |  | 14.5 | 8.4 | 6.1 |
| Qinghai | 16.8 | 15.8 | 1.0 |  | 30.0 | 16.7 | 13.3 |  | 23.4 | 16.3 | 7.1 |
| Ningxia | 13.1 | 12.1 | 1.0 |  | 13.2 | 15.2 | -2.0 |  | 13.1 | 13.6 | -0.5 |
| Xinjiang | 10.3 | 4.6 | 5.8 |  | 17.8 | 5.6 | 12.2 |  | 14.1 | 5.1 | 9.0 |
| Total | 10.7 | 8.8 | 1.9 |  | 13.9 | 10.1 | 3.8 |  | 12.3 | 9.4 | 2.8 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Table S4.** The prevalence of malnutrition of Chinese children in national 31 provinces by urban and rural areas between 2010 and 2014, % | | | | | | | | | | | |
| Provinces | Urban | | |  | Rural | | |  | Total | | |
| 2010 | 2014 | Changes |  | 2010 | 2014 | Changes |  | 2010 | 2014 | Changes |
| Beijing | 9.0 | 8.2 | 0.8 |  | 10.3 | 8.6 | 1.7 |  | 9.6 | 8.4 | 1.3 |
| Tianjin | 5.7 | 5.9 | -0.3 |  | 8.4 | 7.3 | 1.1 |  | 7.1 | 6.6 | 0.4 |
| Hebei | 8.9 | 8.6 | 0.3 |  | 9.6 | 7.3 | 2.3 |  | 9.3 | 8.0 | 1.3 |
| Shanxi | 8.9 | 8.6 | 0.3 |  | 11.3 | 12.2 | -0.8 |  | 10.1 | 10.4 | -0.2 |
| Inner Mongolia | 9.8 | 6.8 | 3.1 |  | 9.9 | 6.5 | 3.4 |  | 9.9 | 6.6 | 3.2 |
| Liaoning | 10.1 | 9.7 | 0.4 |  | 11.8 | 9.0 | 2.8 |  | 10.9 | 9.3 | 1.6 |
| Jilin | 12.4 | 8.3 | 4.1 |  | 13.9 | 8.4 | 5.5 |  | 13.2 | 8.4 | 4.8 |
| Heilongjiang | 9.3 | 11.3 | -2.0 |  | 11.8 | 7.3 | 4.5 |  | 10.5 | 9.3 | 1.2 |
| Shanghai | 8.8 | 7.7 | 1.1 |  | 10.3 | 6.6 | 3.7 |  | 9.6 | 7.1 | 2.4 |
| Jiangsu | 6.6 | 5.0 | 1.6 |  | 9.4 | 4.2 | 5.3 |  | 8.0 | 4.6 | 3.4 |
| Zhejiang | 7.2 | 6.3 | 0.9 |  | 7.7 | 6.1 | 1.6 |  | 7.4 | 6.2 | 1.2 |
| Anhui | 11.7 | 8.9 | 2.8 |  | 13.2 | 10.9 | 2.3 |  | 12.5 | 9.9 | 2.6 |
| Fujian | 6.6 | 8.3 | -1.7 |  | 16.6 | 11.9 | 4.6 |  | 11.6 | 10.1 | 1.5 |
| Jiangxi | 12.2 | 7.2 | 5.0 |  | 14.7 | 10.8 | 3.9 |  | 13.4 | 9.0 | 4.5 |
| Shandong | 9.7 | 5.3 | 4.4 |  | 5.6 | 4.5 | 1.1 |  | 7.7 | 4.9 | 2.8 |
| Henan | 6.3 | 5.6 | 0.7 |  | 11.2 | 6.9 | 4.3 |  | 8.8 | 6.3 | 2.5 |
| Hubei | 11.6 | 5.1 | 6.5 |  | 15.2 | 9.9 | 5.3 |  | 13.4 | 7.5 | 5.9 |
| Hunan | 11.7 | 9.6 | 2.1 |  | 16.6 | 11.2 | 5.4 |  | 14.1 | 10.4 | 3.7 |
| Guangdong | 16.2 | 12.4 | 3.8 |  | 21.7 | 16.6 | 5.1 |  | 18.9 | 14.5 | 4.4 |
| Guangxi | 10.4 | 10.3 | 0.1 |  | 24.6 | 19.4 | 5.2 |  | 17.5 | 14.9 | 2.6 |
| Hainan | 17.9 | 15.3 | 2.6 |  | 25.0 | 20.1 | 4.8 |  | 21.5 | 17.7 | 3.8 |
| Chongqing | 13.8 | 11.2 | 2.6 |  | 16.7 | 12.2 | 4.5 |  | 15.2 | 11.7 | 3.5 |
| Sichuan | 11.0 | 9.4 | 1.6 |  | 23.8 | 17.6 | 6.2 |  | 17.4 | 13.5 | 3.9 |
| Guizhou | 18.6 | 12.8 | 5.7 |  | 29.4 | 19.5 | 9.9 |  | 24.0 | 16.1 | 7.8 |
| Yunnan | 19.7 | 18.7 | 1.1 |  | 23.6 | 18.8 | 4.7 |  | 21.6 | 18.8 | 2.9 |
| Tibet | 20.9 | 13.0 | 7.8 |  | — | — | — |  | 20.9 | 13.0 | 7.8 |
| Shaanxi | 12.1 | 5.7 | 6.4 |  | 18.6 | 9.4 | 9.1 |  | 15.4 | 7.6 | 7.8 |
| Gansu | 11.2 | 7.5 | 3.7 |  | 20.0 | 11.1 | 8.9 |  | 15.6 | 9.3 | 6.3 |
| Qinghai | 19.0 | 16.8 | 2.2 |  | 34.1 | 19.1 | 15.1 |  | 26.6 | 17.9 | 8.7 |
| Ningxia | 13.4 | 12.2 | 1.2 |  | 15.4 | 15.8 | -0.4 |  | 14.4 | 14.0 | 0.4 |
| Xinjiang | 10.8 | 5.1 | 5.8 |  | 21.4 | 9.0 | 12.4 |  | 16.1 | 7.0 | 9.1 |
| Total | 11.3 | 9.1 | 2.2 |  | 16.1 | 11.3 | 4.8 |  | 13.7 | 10.2 | 3.5 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Table S5.** The prevalence gaps of stunting, wasting and malnutrition in national 31 provinces by urban and rural areas between 2010 and 2014 | | | | | | | | |
| Provinces | Stunting | |  | Wasting | |  | Malnutrition | |
| 2010 | 2014 |  | 2010 | 2014 |  | 2010 | 2014 |
| Beijing | 0.7 | 0.1 |  | 0.9 | 0.3 |  | 1.3 | 0.3 |
| Tianjin | 0.3 | 0.1 |  | 2.6 | 1.3 |  | 2.8 | 1.4 |
| Hebei | 0.2 | 0.1 |  | 0.5 | -1.3 |  | 0.7 | -1.3 |
| Shanxi | 1.3 | 0.3 |  | 1.5 | 3.3 |  | 2.4 | 3.6 |
| Inner Mongolia | 1.3 | 0.3 |  | -1.0 | -0.7 |  | 0.1 | -0.3 |
| Liaoning | 0.3 | 0.6 |  | 1.4 | -1.1 |  | 1.7 | -0.7 |
| Jilin | 1.3 | 0.7 |  | 0.4 | -0.5 |  | 1.6 | 0.1 |
| Heilongjiang | 1.1 | 2.6 |  | 1.7 | -6.4 |  | 2.5 | -4.0 |
| Shanghai | 0.0 | 0.1 |  | 1.5 | -1.2 |  | 1.4 | -1.2 |
| Jiangsu | 0.3 | 0.1 |  | 2.6 | -0.9 |  | 2.8 | -0.8 |
| Zhejiang | 0.5 | 0.0 |  | 0.1 | -0.2 |  | 0.5 | -0.2 |
| Anhui | 0.5 | 0.3 |  | 1.0 | 1.8 |  | 1.5 | 2.0 |
| Fujian | 0.6 | 0.6 |  | 9.8 | 3.3 |  | 10.0 | 3.7 |
| Jiangxi | 2.0 | 1.4 |  | 1.2 | 2.7 |  | 2.5 | 3.6 |
| Shandong | 0.0 | 0.2 |  | -4.2 | -0.9 |  | -4.1 | -0.8 |
| Henan | 1.6 | 0.3 |  | 3.6 | 1.2 |  | 4.9 | 1.4 |
| Hubei | 0.7 | 0.3 |  | 3.2 | 4.7 |  | 3.7 | 4.8 |
| Hunan | 1.7 | 1.2 |  | 3.6 | 0.8 |  | 4.9 | 1.6 |
| Guangdong | 1.9 | 0.9 |  | 4.1 | 3.9 |  | 5.4 | 4.2 |
| Guangxi | 4.7 | 2.9 |  | 11.5 | 7.2 |  | 14.3 | 9.2 |
| Hainan | 2.5 | 2.3 |  | 6.5 | 3.7 |  | 7.1 | 4.8 |
| Chongqing | 3.3 | 1.1 |  | 0.3 | 0.1 |  | 2.9 | 1.1 |
| Sichuan | 11.7 | 4.6 |  | 2.9 | 5.3 |  | 12.8 | 8.2 |
| Guizhou | 8.7 | 4.1 |  | 4.1 | 3.6 |  | 10.8 | 6.6 |
| Yunnan | 1.1 | 0.5 |  | 2.9 | -0.2 |  | 3.8 | 0.2 |
| Tibet | — | — |  | — | — |  | — | — |
| Shaanxi | 2.2 | 1.2 |  | 5.0 | 2.5 |  | 6.5 | 3.7 |
| Gansu | 2.1 | 1.8 |  | 7.3 | 2.0 |  | 8.8 | 3.6 |
| Qinghai | 3.4 | 1.9 |  | 13.2 | 0.8 |  | 15.1 | 2.3 |
| Ningxia | 2.6 | 0.7 |  | 0.2 | 3.1 |  | 2.0 | 3.6 |
| Xinjiang | 4.2 | 3.0 |  | 7.5 | 1.1 |  | 10.5 | 3.9 |
| Total | 2.1 | 1.1 |  | 3.2 | 1.3 |  | 4.7 | 2.1 |