

**Appendix Table A1** The consultative items screened for the first Delphi round

| section items  | Sub-section items   | Code |
|--|---|------|
| Organization guarantees  | whether local government based leadership team on NCDs control was established and held meetings once at least per year                       | 1    |
|  | whether local administrative health authority based leadership team on NCDs control was established and held meetings once at least per year  | 2    |
|  | whether making a yearly work plan on NCDs health education and promotion  | 3    |
|  | whether a health education or health promotion institution or department was supplied with  | 4    |
| Fund support   | the number of NCDs special fund by local government per thousand population per year (yuan)   | 5    |
|  | the number of NCDs control expenses in local CDC (ten thousand yuan)  | 6    |
|  | the proportion of NCDs control expenses in total business expenses in local CDC (%)   | 7    |
| Personnel supplies   | the number of persons working in NCDs health education and promotion within medical institutions beyond village level per thousand population | 8    |
|  | the times of parent trainings for those who work in NCDs health education per year.   | 9    |
| Health education and health promotion  | whether a yearly NCDs related health broadcasting planning was developed  | 10   |
|  | whether billboards on NCDs control were presented and advertised regularly in local medias (except TV)  | 11   |
|  | the frequencies of promotion on NCDs control and prevention in local TV station per year  | 12   |
|  | the average minutes of show on NCDs control and prevention in local TV station per time   | 13   |
|  | the mean sorts of NCDs control and prevention materials printed   | 14   |
|  | the mean sorts of NCDs control and prevention billboard presented by town level hospitals   | 15   |
|  | the mean sorts of NCDs control and prevention promotion materials by town level hospitals   | 16   |
|  | the mean sorts of NCDs control and prevention video presented by town level hospitals   | 17   |
|  | the times of public consultation of NCDs related core information on different themes per year  | 18   |
|  | the average times promotion video on NCDs control played by town-level hospitals per week   | 19   |
|  | the average minutes of video on NCDs control played by town-level hospitals every time  | 20   |
|  | the community based coverage of NCDs control and prevention billboard (%)   | 21   |
| the average monthly frequencies of NCDs control and prevention billboard updating in community | 22  |      |

**Appendix Table A1** Continued

| section items                           | Sub-section items  | Code |
|---|--|------|
| Health education and health promotion   | the average coverage of fitness center or room in community (%)                                  | 23   |
|   | the times of NCDs health lecture in community ( a scale of >50 persons )                         | 24   |
|   | the times of massive promotion activities of NCDs per year ( a scale of >100 persons )           | 25   |
|   | the institution based coverage of NCDs control lectures in both elementary and middle school (%) | 26   |
|   | the student based coverage of NCDs control lectures in both elementary and middle school (%)     | 27   |
|   | the institution based coverage of health lectures in the kindergarten (%)                        | 28   |
|   | the preschool children based coverage of health lectures in the kindergarten (%)                 | 29   |
| Awareness of NCDs & healthy behavior    | people's awareness rate of NCDs control and prevention (%)                                       | 30   |
|   | the rate of people's healthy behavior formation(%)   | 31   |
| Management and control of NCDs patients | the rate of standardized management on hypertension / diabetes patients(%)                       | 32   |
|   | the rate of control over hypertension / diabetes patients(%)                                     | 33   |
|   | the number of NCDs patients oriented self-management groups finishing jobs in the past year      | 34   |
|   | the community-based rate of coverage of NCDs patients(%)   | 35   |
| Others                                  | whether the assessments of NCDs risk factors had been conducted during the past 3 years          | 36   |
|   | people's satisfaction with supplies of health education and promotion                            | 37   |
|   | whether health education associated files had been completed in regular management               | 38   |
|   | people's health literacy level in NCDs control and prevention                                    | 39   |

**Appendix Table A2** Assessment indicators by modified Delphi method

| Indicator   | Code | Weight |
|---|------|--------|
| whether local government based leadership team on NCDs control was established and held meetings once at least per year                       | a1   | 20.13  |
| whether local administrative health authority based leadership team on NCDs control was established and held meetings once at least per year  | a2   | 9.53   |
| whether making a yearly work plan on NCDs health education and promotion  | a3   | 18.13  |
| the number of NCDs special fund by local government per thousand population per year (yuan)   | a4   | 20.08  |
| the number of NCDs control expenditures in local CDC (per ten thousand yuan)  | a5   | 11.76  |
| the proportion of NCDs control expenses in total business expenses in CDC (%)   | a6   | 12.21  |
| the number of persons working in NCDs health education and promotion within medical institutions beyond village level per thousand population | a7   | 10.32  |
| whether a yearly NCDs health broadcasting planning was developed  | a8   | 15.42  |
| Whether billboards on NCDs control were presented and advertised regularly in local medias (except TV)  | a9   | 17.79  |
| the frequencies of NCDs control and prevention in local TV station per year   | a10  | 12.08  |
| the average minutes of show on NCDs control and prevention in local TV station per time   | a11  | 12.08  |
| the mean sorts of NCDs control and prevention materials printed   | a12  | 6.82   |
| the mean sorts of NCDs control billboard presented by town level hospitals  | a13  | 6.82   |
| the mean sorts of NCDs control and prevention promotion materials presented by town level hospitals   | a14  | 5.79   |
| the community based coverage of NCDs control and prevention billboard (%)   | a15  | 9.39   |
| the average monthly frequencies of NCDs control billboard updating in community   | a16  | 7.5    |
| the average coverage of fitness center or room in community (%)   | a17  | 15.03  |
| the times of NCDs health lecture in community ( a scale of >50 persons )  | a18  | 9.68   |
| the times of NCDs promotion activities per year ( a scale of >100persons )  | a19  | 10.13  |
| the institution based coverage of NCDs control and prevention lectures in both elementary and secondary school (%)                            | a20  | 13.55  |
| the student based coverage of NCDs control and prevention lectures in both elementary and secondary school (%)                                | a21  | 14.71  |
| people's awareness rate of NCDs control and prevention (%)  | a22  | 17.61  |
| people's satisfaction with supplies of health education and promotion (%)   | a23  | 11.76  |
| people's health literacy level in NCDs control and prevention (%)   | a24  | 11.68  |