



Coding Book to The Psychological Healthcare Guard Children and Adolescents Project of China (The CPHG)

The CPHG group and Data Regulation Office

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Metainformation
Centers The centers described which center collected this data. To achieve such large-scale primary psychological health-care actions, we recruited 596 data collection centers for acquiring these data so as to cover the entire Nanchong city (Sichuan, China), including eight administrative areas: Gaoping (GP), Jialing (JL), Langzhong (LZ), Nanbu (NB), Yingshan (YS), Yilong (YL), Peng'an (PA) and Xichong (XC). The IDs of centers are coded by the following scheme: ** *** ← No. of center in this administrative center ↑ The abbreviation of administrative areas for this center
UID (Unique ID) This UID is fully fixed for each child/adolescent, favoring the follow-up investigations.
socioDemographic characteristics (D)
D01. Gender 0 = Girl 1 = Boy
D02. Age Numeric variable
D03. Living areas 1 = Urban 2 = Rural
family Parenting data (P)
P01. Are you an only child in the family? 1 = Yes 2 = No

P02. Current family parenting situation

- 1 = Both parents at home, living with parents
- 2 = One parent working outside (more than six months), living with the other parent or other members of the family
- 3 = Both parents working outside (more than six months), living with other members of the family
- 4 = Living in a social care institutes or others

P03. As of now, have you experienced a separation from one (or both) of your parents for more than six months due to their work away from home?

- 1 = Yes
- 2 = No

Usage Notes: P04 - P05 could be answered only if the "Yes" was selected in the P03.

P04. If you have experienced a separation from one (or both) of your parents for more than six months, please select when you experienced it

- 1 = Infancy (0-1.5 years)
- 2 = Early Childhood (1.5-3 years)
- 3 = Preschool (3-6 years)
- 4 = School Age (6-12 years)
- 5 = Adolescence (12-18 years)

P05. The total duration of separation from one (or both) of your parents

- 1 = 6 months to 1 year
- 2 = 1 to 2 years
- 3 = 2 to 4 years
- 4 = 5 to 10 years
- 5 = More than 10 years

P06. Family parenting types

- 1 = Two-parent parenting family (raised by biological parents, and neither parent has children from other relationships)
- 2 = Single-father-parenting family (due to divorce or one parent's passing, the student lives with one biological parent)
- 3 = Single-mother-parenting family (due to divorce or one parent's passing, the student lives with one biological parent)
- 4 = Blended family (due to divorce or one parent's passing, the student lives with one biological parent and also lives with a stepfather or stepmother)
- 5 = Parent(s) died (or missing), being cared for by other members of the family
- 6 = Other

P07. Your satisfaction level with your family relationships

- 1 = Very Satisfied
- 2 = Somewhat Satisfied
- 3 = Neutral
- 4 = Somewhat Dissatisfied
- 5 = Very Dissatisfied

family socioEconomic status (E)

E01. Your parents' highest level of education (either one)

- 1 = Vocational School or Below
- 2 = Associate's Degree (College)
- 3 = Bachelor's Degree (University)
- 4 = Master's Degree or Higher (Graduate Studies)
- 5 = Uncertain

E02. Your father/mother's occupation

- 1 = National and Social Administrator (Holds administrative and supervisory positions in party, government, public institutions, and social organizations)
- 2 = Managerial Staff (Middle and upper-level management personnel in enterprises who are not owners, and some grassroots managers serving as department heads)
- 3 = Private Business Owner
- 4 = Professional and Technical Personnel (Includes professionals in science, education, culture, health, engineering, economics, lawyers, designers, etc.)
- 5 = Administrative Staff in Party or Government Offices, or Enterprises
- 6 = Individual Business Owner (Small business owners, small employers, those who primarily earn income from renting a small number of properties, etc.)
- 7 = Commercial Service Personnel (Supervisors, team leaders, chefs, taxi drivers, salespersons, tour guides, flight attendants, salesclerks, security guards, janitors, etc.)
- 8 = Industrial Workers (Team leaders, foremen, electricians, mechanics, porters, maintenance workers, construction workers, etc.)
- 9 = Agricultural Laborers (Primarily engaged in agriculture, forestry, animal husbandry, or fishing)
- 10 = Urban or Rural Unemployed, Underemployed, or Disemployed
- 11 = Retired Personnel
- 12 = Others

E03. Could you clearly understand the socioeconomic status in your family?

- 1 = Yes
- 2 = No

E04. Please rate the family socioeconomic status by your subjective feelings or experiences

- 1 = Poor
- 2 = Average
- 3 = Middle
- 4 = Wealthy

E05. What is the approximate total annual income of your family? (Total income is the sum of the annual income of all working members in the family)

- 1 = Less than 60,000 yuan
- 2 = 60,000 - 150,000 yuan
- 3 = 150,000 - 300,000 yuan
- 4 = More than 300,000 yuan

Usage Note: These options are formulated by the local capital disposable income at 2022 in the Nanchong, Sichuan, China, and may be annually tailored.

Living events data (L)

Usage Note: These data are collected only for children/adolescents aged at 8-12 years.

L01. Do you have frequently been misunderstood or wrongly blamed by others in the past year, and if in this case, how do you feel these events have affected you?

- 0 = Not occurred
- 1 = Occurred - No impact
- 2 = Occurred - Mild impact
- 3 = Occurred - Moderate impact
- 4 = Occurred - Significant impact
- 5 = Occurred - Extremely significant impact

L02. Do you had any disputes with classmates or friends in the past year, and to what extent do you feel these events have affected you?

- 0 = Not occurred
- 1 = Occurred - No impact
- 2 = Occurred - Mild impact
- 3 = Occurred - Moderate impact
- 4 = Occurred - Significant impact
- 5 = Occurred - Extremely significant impact

L03. In the past year, have you or close friends/family members suffered from a serious illness, and to what extent do you feel this has affected you?

- 0 = Not occurred
- 1 = Occurred - No impact
- 2 = Occurred - Mild impact
- 3 = Occurred - Moderate impact
- 4 = Occurred - Significant impact
- 5 = Occurred - Extremely significant impact

L04. In the past year, have you experienced the loss of close friends/family members (e.g., dead), and to what extent do you feel these events have affected you?

- 0 = Not occurred
- 1 = Occurred - No impact
- 2 = Occurred - Mild impact
- 3 = Occurred - Moderate impact
- 4 = Occurred - Significant impact
- 5 = Occurred - Extremely significant impact

Health-related data (H)

H01. Do you suffer from a chronic disease? (Chronic diseases refer to a group of diseases that do not constitute infectious diseases and have long-term cumulative pathological changes.)

- 0 = None
- 1 = Digestive System (Chronic gastritis, peptic ulcer, intestinal tuberculosis, chronic enteritis, chronic diarrhea, chronic hepatitis, cirrhosis, chronic pancreatitis, chronic cholecystitis)
- 2 = Respiratory System (Chronic obstructive pulmonary disease, asthma, chronic cor pulmonale, chronic respiratory failure, silicosis, pulmonary fibrosis)
- 3 = Endocrine System (Chronic lymphocytic thyroiditis, hyperthyroidism, hypothyroidism)
- 4 = Metabolic and Nutritional (Diabetes, malnutrition, gout, osteoporosis)
- 5 = Circulatory System (Chronic heart failure, coronary heart disease, congenital heart

disease, hypertension, valvular heart disease, chronic infective endocarditis, myocardial disease, chronic pericarditis)

6 = Urinary System (Chronic nephritis, chronic renal failure, chronic inflammatory diseases of the urinary system)

7 = Hematologic System (Chronic anemia, chronic myeloid leukemia, chronic lymphocytic leukemia, chronic lymphoma)

8 = Connective Tissue and Rheumatism (Rheumatoid arthritis, systemic lupus erythematosus, ankylosing spondylitis, Sjögren's syndrome, vasculitis, idiopathic inflammatory myopathy, systemic sclerosis, osteoarthritis)

9 = Mental Health Disorders (Anxiety disorders, depression, bipolar disorder, schizophrenia, etc.)

10 = Other Chronic Diseases

11 = Uncertain

H02. Are you drug-dependent for specific medications?

1 = No

2 = Yes

H03. How many hours do you sleep on the working day?

1 = Less than 5 hours

2 = 5 - 6 hours

3 = 7 - 8 hours

4 = 9 - 10 hours

5 = More than 10 hours

H04. How many hours do you sleep on the weekends?

1 = Less than 5 hours

2 = 5 - 6 hours

3 = 7 - 8 hours

4 = 9 - 10 hours

5 = More than 10 hours

H05. The cumulative time of smartphone usage per day in these working days

1 = Never used

2 = Less than 1 hour

3 = 1 - 2 hours

4 = 2 - 3 hours

5 = 3 - 4 hours

6 = More than 4 hours

H06. The cumulative time of smartphone usage per day in these weekends

1 = Never used

2 = Less than 1 hour

3 = 1 - 2 hours

4 = 2 - 3 hours

5 = 3 - 4 hours

6 = More than 4 hours

H07. Do you engage in physical exercises regularly, at least 30 minutes?

1 = Never

- 2 = Only on weekends
- 3 = Occasionally (1-2 times a week)
- 4 = Frequently (3-4 times a week)
- 5 = Every day

items to Center for epidemiologic studies depression scale (C)

Usage Note: To favor the readability and understandings, all the items that are originally designed for reverse descriptions have been reversely rephrased. These items have been marked by “*”. Thus, no needs to reversely score these items when using this dataset.

Items detailed underneath are initially translated, and we strongly recommend users to refer the original scale that we provided in the dataset repository.

C01. Some things that usually don't bother me make me feel annoyed.

- 1 = Occasionally or None (Less than 1 day)
- 2 = Sometimes (1-2 days)
- 3 = Frequently or Half of the Time (3-4 days)
- 4 = Most of the Time or Continuously (5-7 days)

C02. I don't feel like eating; my appetite is poor.

- 1 = Occasionally or None (Less than 1 day)
- 2 = Sometimes (1-2 days)
- 3 = Frequently or Half of the Time (3-4 days)
- 4 = Most of the Time or Continuously (5-7 days)

C03. I feel that I can't shake off the blues even with help from my family or friends.

- 1 = Occasionally or None (Less than 1 day)
- 2 = Sometimes (1-2 days)
- 3 = Frequently or Half of the Time (3-4 days)
- 4 = Most of the Time or Continuously (5-7 days)

C04. I feel I am not good as same as other people.*

- 1 = Occasionally or None (Less than 1 day)
- 2 = Sometimes (1-2 days)
- 3 = Frequently or Half of the Time (3-4 days)
- 4 = Most of the Time or Continuously (5-7 days)

C05. I have trouble keeping my mind on what I'm doing.

- 1 = Occasionally or None (Less than 1 day)
- 2 = Sometimes (1-2 days)
- 3 = Frequently or Half of the Time (3-4 days)
- 4 = Most of the Time or Continuously (5-7 days)

C06. I feel depressed.

- 1 = Occasionally or None (Less than 1 day)
- 2 = Sometimes (1-2 days)
- 3 = Frequently or Half of the Time (3-4 days)
- 4 = Most of the Time or Continuously (5-7 days)

C07. I feel that everything I do is an effort.

- 1 = Occasionally or None (Less than 1 day)
- 2 = Sometimes (1-2 days)

3 = Frequently or Half of the Time (3-4 days) 4 = Most of the Time or Continuously (5-7 days)
C08. I feel depressed about the future.* 1 = Occasionally or None (Less than 1 day) 2 = Sometimes (1-2 days) 3 = Frequently or Half of the Time (3-4 days) 4 = Most of the Time or Continuously (5-7 days)
C09. I think my life has been a failure. 1 = Occasionally or None (Less than 1 day) 2 = Sometimes (1-2 days) 3 = Frequently or Half of the Time (3-4 days) 4 = Most of the Time or Continuously (5-7 days)
C10. I feel fearful. 1 = Occasionally or None (Less than 1 day) 2 = Sometimes (1-2 days) 3 = Frequently or Half of the Time (3-4 days) 4 = Most of the Time or Continuously (5-7 days)
C11. My sleep is restless. 1 = Occasionally or None (Less than 1 day) 2 = Sometimes (1-2 days) 3 = Frequently or Half of the Time (3-4 days) 4 = Most of the Time or Continuously (5-7 days)
C12. I feel unhappy.* 1 = Occasionally or None (Less than 1 day) 2 = Sometimes (1-2 days) 3 = Frequently or Half of the Time (3-4 days) 4 = Most of the Time or Continuously (5-7 days)
C13. I eat less than usual. 1 = Occasionally or None (Less than 1 day) 2 = Sometimes (1-2 days) 3 = Frequently or Half of the Time (3-4 days) 4 = Most of the Time or Continuously (5-7 days)
C14. I feel lonely. 1 = Occasionally or None (Less than 1 day) 2 = Sometimes (1-2 days) 3 = Frequently or Half of the Time (3-4 days) 4 = Most of the Time or Continuously (5-7 days)
C15. People are unfriendly. 1 = Occasionally or None (Less than 1 day) 2 = Sometimes (1-2 days) 3 = Frequently or Half of the Time (3-4 days) 4 = Most of the Time or Continuously (5-7 days)
C16. I do not enjoy life.* 1 = Occasionally or None (Less than 1 day)

2 = Sometimes (1-2 days) 3 = Frequently or Half of the Time (3-4 days) 4 = Most of the Time or Continuously (5-7 days)
C17. I have crying spells. 1 = Occasionally or None (Less than 1 day) 2 = Sometimes (1-2 days) 3 = Frequently or Half of the Time (3-4 days) 4 = Most of the Time or Continuously (5-7 days)
C18. I feel sad. 1 = Occasionally or None (Less than 1 day) 2 = Sometimes (1-2 days) 3 = Frequently or Half of the Time (3-4 days) 4 = Most of the Time or Continuously (5-7 days)
C19. I feel that people dislike me. 1 = Occasionally or None (Less than 1 day) 2 = Sometimes (1-2 days) 3 = Frequently or Half of the Time (3-4 days) 4 = Most of the Time or Continuously (5-7 days)
C20. I walk slowly. 1 = Occasionally or None (Less than 1 day) 2 = Sometimes (1-2 days) 3 = Frequently or Half of the Time (3-4 days) 4 = Most of the Time or Continuously (5-7 days)
items to Zung's Self-reported depression scale (S)
Usage Note: To ensure the clinical reliability, items that are originally designed for reverse descriptions have been remained, but scoring these items has been reversed in the dataset we provided, and have been marked by "**".
S01. I feel down and depressed. 1 = Occasionally 2 = Sometimes 3 = Frequently 4 = Continuously
S02. I feel best in the morning.* 1 = Occasionally 2 = Sometimes 3 = Frequently 4 = Continuously
S03. I have crying spells or feel like crying. 1 = Occasionally 2 = Sometimes 3 = Frequently 4 = Continuously
S04. My sleep is restless at night. 1 = Occasionally

2 = Sometimes 3 = Frequently 4 = Continuously
S05. I eat as much as I always do.* 1 = Occasionally 2 = Sometimes 3 = Frequently 4 = Continuously
S06. I still feel delightful when I have intimate contact with the opposite sex.* 1 = Occasionally 2 = Sometimes 3 = Frequently 4 = Continuously
Usage Note: As concerned by the IRB of this project, this item S06 has been rephrased for suitability in children/adolescents.
S07. I've noticed that my weight is dropping. 1 = Occasionally 2 = Sometimes 3 = Frequently 4 = Continuously
S08. I have difficulty with constipation. 1 = Occasionally 2 = Sometimes 3 = Frequently 4 = Continuously
S09. My heart beats faster than usual. 1 = Occasionally 2 = Sometimes 3 = Frequently 4 = Continuously
S10. I get tired for no reason. 1 = Occasionally 2 = Sometimes 3 = Frequently 4 = Continuously
S11. My mind is as clear as it used to be.* 1 = Occasionally 2 = Sometimes 3 = Frequently 4 = Continuously
S12. I find it easy to do the things I used to do.* 1 = Occasionally 2 = Sometimes 3 = Frequently

4 = Continuously
S13. I feel uneasy and can't calm down. 1 = Occasionally 2 = Sometimes 3 = Frequently 4 = Continuously
S14. I have hope for the future.* 1 = Occasionally 2 = Sometimes 3 = Frequently 4 = Continuously
S15. I get irritated and agitated more easily than usual. 1 = Occasionally 2 = Sometimes 3 = Frequently 4 = Continuously
S16. I can make decisions as easily as ever.* 1 = Occasionally 2 = Sometimes 3 = Frequently 4 = Continuously
S17. I feel that I'm a useful person and that people need me.* 1 = Occasionally 2 = Sometimes 3 = Frequently 4 = Continuously
S18. I find my life very interesting.* 1 = Occasionally 2 = Sometimes 3 = Frequently 4 = Continuously
S19. I feel that if I were dead, others would be better off. 1 = Occasionally 2 = Sometimes 3 = Frequently 4 = Continuously
S20. I still enjoy the things I used to do.* 1 = Occasionally 2 = Sometimes 3 = Frequently 4 = Continuously
Positive and Negative Suicide Ideation scale - Chinese version (SP, positive suicide ideation; SN, negative suicide ideation)

Usage Note: Items detailed underneath are initially translated, and we strongly recommend users to refer the original scale that we provided in the dataset repository.

SP01. I have been very smooth in my studies and feel very happy.

- 1 = Never like this
- 2 = Rarely like this
- 3 = Sometimes like this
- 4 = Often like this
- 5 = Always like this

SP02. I feel that most of the situations in life are under my control.

- 1 = Never like this
- 2 = Rarely like this
- 3 = Sometimes like this
- 4 = Often like this
- 5 = Always like this

SN01. Feeling hopeless in the future and having suicidal thoughts.

- 1 = Never like this
- 2 = Rarely like this
- 3 = Sometimes like this
- 4 = Often like this
- 5 = Always like this

SN02. Feeling unhappy in their relationship with someone and wanting to commit suicide.

- 1 = Never like this
- 2 = Rarely like this
- 3 = Sometimes like this
- 4 = Often like this
- 5 = Always like this

SN03. Unable to accomplish important things in life, wanting to be reborn.

- 1 = Never like this
- 2 = Rarely like this
- 3 = Sometimes like this
- 4 = Often like this
- 5 = Always like this

SP03. I am very satisfied with life and feel hopeful for the future.

- 1 = Never like this
- 2 = Rarely like this
- 3 = Sometimes like this
- 4 = Often like this
- 5 = Always like this

SN04. Being helpless about one's own problems and wanting to commit suicide.

- 1 = Never like this
- 2 = Rarely like this
- 3 = Sometimes like this
- 4 = Often like this
- 5 = Always like this

SN05. Feeling unable to meet the requirements of others, resulting in suicidal thoughts.

- 1 = Never like this
- 2 = Rarely like this
- 3 = Sometimes like this
- 4 = Often like this
- 5 = Always like this

SP04. Believe that you can effectively handle problems in life.

- 1 = Never like this
- 2 = Rarely like this
- 3 = Sometimes like this
- 4 = Often like this
- 5 = Always like this

SN06. The problem is so difficult to solve, and suicide seems to be the only option.

- 1 = Never like this
- 2 = Rarely like this
- 3 = Sometimes like this
- 4 = Often like this
- 5 = Always like this

SN07. Feeling very lonely and sad, wanting to end the pain and have a life.

- 1 = Never like this
- 2 = Rarely like this
- 3 = Sometimes like this
- 4 = Often like this
- 5 = Always like this

SN08. Feeling frustrated in life and wanting to have a life of suicide.

- 1 = Never like this
- 2 = Rarely like this
- 3 = Sometimes like this
- 4 = Often like this
- 5 = Always like this

SP05. Feeling that life is worth living on.

- 1 = Never like this
- 2 = Rarely like this
- 3 = Sometimes like this
- 4 = Often like this
- 5 = Always like this

SP06. I feel confident in the future.

- 1 = Never like this
- 2 = Rarely like this
- 3 = Sometimes like this
- 4 = Often like this
- 5 = Always like this

Usage Note: This measurement is ONLY applicable for children or adolescents aged than 12 years old, but this restriction could be exempted in case parents of those children going against

this policy legally signed disclaimer to require this screening.