

NCDS5: Behaviour Problems Index

INTRODUCTION

The child assessments employed for the NCDS5 survey in 1991 are based on those used by the US National Longitudinal Survey of Youth (NLSY) for their 1990 survey of the children of female respondents. The latter are, in turn, selected from the development measures employed in similar NLSY surveys in 1986 and 1988*

The assessments included the **Behaviour Problems Index** (BPI) which was completed for children aged 4-7 years. It is based on items from Zill and Peterson's adaptation of the Child Behavior Checklist developed by Achenbach and Edelbrock, which elicit mothers ratings of children in areas of problem behaviour such as: hyperactivity, anxiety, dependency, depression, and aggression.

The items comprising the BPI were included in the 'Your Child' questionnaire – see questions 1-28 pages 21-24. This BPI was completed for each natural or adopted child of appropriate age by the mother/mother-figure in families included in the 1 in 3 sample of the cohort selected for the NCDS5 Mother and Child Survey. **NB:** A copy of the questionnaire may be found at: http://www.cls.ioe.ac.uk/core/documents/download.asp?id=93&log_stat=1

SUMMARY

Ages covered: 4 years - 6 years, 11 months

Measures: Rating of 6 areas of problem behaviour in children: (a) anti-social behaviour
(b) anxiety/depression
(c) hyperactivity
(d) stubbornness/parental conflicting behaviour
(e) immature/dependent behaviour, and
(f) social withdrawing/peer conflicting behaviour.

Method: Rating scale completed by the mother

Source: Achenbach T M and Edelbrock C S (1981) Behavioral problems and competences reported by parents of normal and disturbed children aged four through sixteen, Monographs of the Society for Research in Child Development, No. 188, Vol 46, Whole No. 1
Graham P J and Rutter M L (1968) The reliability and validity of psychiatric assessment of the child II: Interview with the parent, British Journal of Psychiatry 114, pp 581-592
Rutter M L, Tizard J, and Whitmore K (1970) Education, Health and Behaviour (London: Longman)
Kellam S K, Branch J D, Agrawal K C, and Ensminger M E (1975) Mental Health and Going to School: The Woodlawn Program of Assessment, Early Intervention, and Evaluation (Chicago: University of Chicago Press)
Peterson J L and Zill N (1986) Marital disruption, parent-child relationships, and behavioral problems in children, Journal of Marriage and the Family, 48 no 2

Scoring: An overall raw score and 6 raw subscores (see above) may be derived. Higher scores indicate a greater level of behaviour problems. See Annex for further details.

Norming: Normalised percentile and standard scores may be derived for the overall score and each subscore. Four forms may be derived:

US overall norms: Based on tables provided by CHRR and derived by them from the nationally representative sample of children in the US 1981 National Health Interview Survey.

US gender-specific norms: Also derived from the 1981 National Health Interview Survey.

NCDS5 overall norms: Internal norms may be derived from the sample of NCDS5 children for whom this assessment is completed.

NCDS5 gender-specific norms: Similarly derived from the sample of NCDS5 children for whom this assessment is completed.

* The US National Longitudinal Survey of Youth (NLSY) is based on a national sample of men and women aged 14-21 in 1979. Re-interviews have occurred annually since 1979, and the children of female cohort members have been assessed in 1986, 1988, 1990, and 1992. NLSY forms part of the National Longitudinal Surveys of Labour Market Experience (NLS) which is comprised of five age cohorts.

For further details see: BAKER P C and MOTT F L (1988) NLSY Child Handbook 1989: A Guide & Resource Document for the National Longitudinal Survey of Youth 1986 Child Data (Columbus, Ohio: Center for Human Resource Research, The Ohio State University)

ANNEX: Scoring the BPI (after NLSY)**Total Score - In school**

<i>Source</i>	<i>Recode</i>
<i>variables (if applied)</i>	
N518313	1,2=1/3=0
N518314	1,2=1/3=0
N518315	1,2=1/3=0
N518316	1,2=1/3=0
N518317	1,2=1/3=0
N518319	1,2=1/3=0
N518320	1,2=1/3=0
N518321	1,2=1/3=0
N518322	1,2=1/3=0
N518323	1,2=1/3=0
N518324	1,2=1/3=0
N518325	1,2=1/3=0
N518326	1,2=1/3=0
N518327	1,2=1/3=0
N518328	1,2=1/3=0
N518329	1,2=1/3=0
N518330	1,2=1/3=0
N518331	1,2=1/3=0
N518332	1,2=1/3=0
N518333	1,2=1/3=0
N518334	1,2=1/3=0
N518335	1,2=1/3=0
N518336	1,2=1/3=0
N518337	1,2=1/3=0
N518338	1,2=1/3=0
N518339	1,2=1/3=0
N518340	1,2=1/3=0

Total Score - Not in school

<i>Source</i>	<i>Recode</i>
<i>variables (if applied)</i>	
N518313	1,2=1/3=0
N518314	1,2=1/3=0
N518315	1,2=1/3=0
N518316	1,2=1/3=0
N518317	1,2=1/3=0
N518319	1,2=1/3=0
N518320	1,2=1/3=0
N518321	1,2=1/3=0
N518322	1,2=1/3=0
N518323	1,2=1/3=0
N518324	1,2=1/3=0
N518325	1,2=1/3=0
N518326	1,2=1/3=0
N518327	1,2=1/3=0
N518328	1,2=1/3=0
N518329	1,2=1/3=0
N518330	1,2=1/3=0
N518331	1,2=1/3=0
N518332	1,2=1/3=0
N518333	1,2=1/3=0
N518334	1,2=1/3=0
N518335	1,2=1/3=0
N518336	1,2=1/3=0
N518337	1,2=1/3=0
N518338	1,2=1/3=0

Antisocial Subscore - In school

<i>Source</i>	<i>Recode</i>
<i>variables (if applied)</i>	
N518316	1,2=1/3=0
N518321	1,2=1/3=0
N518323	1,2=1/3=0
N518334	1,2=1/3=0
N518339	1,2=1/3=0
N518340	1,2=1/3=0

Antisocial Subscore - Not in school

<i>Source</i>	<i>Recode</i>
<i>variables (if applied)</i>	
N518316	1,2=1/3=0
N518321	1,2=1/3=0
N518323	1,2=1/3=0
N518334	1,2=1/3=0

Anxious/depressed Subscore

<i>Source</i>	<i>Recode</i>
<i>variables (if applied)</i>	
N518313	1,2=1/3=0
N518314	1,2=1/3=0
N518317	1,2=1/3=0
N518326	1,2=1/3=0
N518332	1,2=1/3=0

Headstrong Subscore

<i>Source</i>	<i>Recode</i>
<i>variables (if applied)</i>	
N518315	1,2=1/3=0
N518318	1,2=1/3=0
N518322	1,2=1/3=0
N518330	1,2=1/3=0
N518331	1,2=1/3=0

Hyperactive Subscore

<i>Source</i>	<i>Recode</i>
<i>variables (if applied)</i>	
N518319	1,2=1/3=0
N518320	1,2=1/3=0
N518325	1,2=1/3=0
N518328	1,2=1/3=0
N518329	1,2=1/3=0

Dependent Subscore

<i>Source</i>	<i>Recode</i>
<i>variables (if applied)</i>	
N518335	1,2=1/3=0
N518336	1,2=1/3=0
N518337	1,2=1/3=0
N518338	1,2=1/3=0

Peer conflict withdrawal Subscore

<i>Source</i>	<i>Recode</i>
<i>variables (if applied)</i>	
N518324	1,2=1/3=0
N518327	1,2=1/3=0
N518333	1,2=1/3=0