

NLTS2
D1: Wave 4 Parent/Youth Survey: Part 1 Parent or Guardian

WARNING

FEDERAL RESTRICTED-USE DATA

**UNAUTHORIZED ACCESS TO LICENSED INDIVIDUALLY IDENTIFIABLE INFORMATION
IS A VIOLATION OF FEDERAL LAW AND WILL RESULT IN PROSECUTION.**

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File Specifications

File: N2W4ParYouth

Source: Wave 4 Parent/Youth Survey [Parent Part 1 (PP1) Interview, Family Mail Survey, Parent Part 2 (PP2) Interview, Youth Interview, and/or Youth Mail Survey]

Variable Prefix: np4

Linking Variables: ID [student identifier]

Missing Values: Negative number in SPSS, alpha missing code in SAS

- 999, .a Not applicable [question not applicable to respondent]
- 998, .d Do not know [asked but did not know answer]
- 997, .m Mail questionnaire [not asked question, item not asked in mail questionnaire]
- 996, .p Partial [terminated interview before asked question]
- 995, .r Refused [asked but refused to answer]
- 994, .s Skipped [not asked question because of questionnaire skip logic]
- 993, .i In-secondary school: returned to school
- 980, .z Not ascertained [no answer for reasons other than those stated above]
- 978, .b Not asked this section

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Interview Preload Data					
Variable Name		Source	Variable Description	Variable Type and Values Notes: Assignments, Modifications, and/or Validations	Base: Which Respondents Asked
•	ID	(created)	Individual youth ID	Alpha/Character Variable Values 5-digit ID number	Base All respondents
•	W1Capable	[prior wave]	Parent/guardian reported youth was capable of answering questions by phone in a prior wave [preload variable for CATI skip logic, not used in analysis]	Alpha/Character Variable Values 1 Yes, confirmed in prior wave 0 Not confirmed in prior wave Notes Set to 1 [yes] if np2I1a or np3I1a = 1 [youth capable of answering questions by phone]	Base Respondents with prior wave parent/youth survey data
•	W1ConfirmDis	[prior wave]	Parent/guardian confirmed youth had a disability in a prior wave [preload variable for CATI skip logic, not used in analysis]	Alpha/Character Variable Values 1 Yes, confirmed in prior wave 0 Not confirmed in prior wave Notes Set to 1 [yes] if any [np1/np2/np3]B1a_[01-20, 42, 91] = 1 [confirmed]	Base Respondents with prior wave parent/youth survey data
•	W1Drive	[prior wave]	Youth had a drivers' license in a prior wave [preload variable for CATI skip logic, not used in analysis]	Alpha/Character Variable Values 1 Yes, confirmed in prior wave 0 Not confirmed in prior wave Notes Set to 1 [yes] if np1J6 or np2G9 = 5 or np1G6, np2P15, np2J13, or np3J13 = 1 [had a driver's license]	Base Respondents with prior wave parent/youth survey data
•	W1Drop	[prior wave]	Youth dropped out in a prior wave [preload variable for CATI skip logic, not used in analysis]	Alpha/Character Variable Values 1 Yes, confirmed in prior wave 0 Not confirmed in prior wave Notes Set to 1 [yes] if np1D1k or np1D2d = 4 or np1D5b, np2D1k_D2d_D3b, or np3D1k_D2d_D3b = 3 [youth dropped out]	Base Respondents with prior wave parent/youth survey data

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

D1—NLTS2 Wave 4 Parent/Youth Survey Part 1: Parent or Guardian

Interview Preload Data				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	
● W1GR9_12	[prior wave]	Youth was in secondary level school in a prior wave [preload variable for CATI skip logic, not used in analysis]	<p>Alpha/Character Variable Values 1 Yes, confirmed in prior wave 0 Not confirmed in prior wave</p> <p>Notes Set to 1 [yes] if np1D1j, np1D2c, np2D1j, np2D2c, or np3D2c = 1 [youth was currently in secondary school in most recently reported wave] or np1D1k, np1D2d, np2D1k, np2D2d or np3D2d = 1 [not receiving instruction now because on summer vacation from high school in most recently reported wave]</p>	Base Respondents with prior wave parent/youth survey data
● W1Grad	[prior wave]	Youth graduated from high school in a prior wave [preload variable for CATI skip logic, not used in analysis]	<p>Alpha/Character Variable Values 1 Yes, confirmed in prior wave 0 Not confirmed in prior wave</p> <p>Notes Set to 1 [yes] if np1D1k or np1D2d = 2 or np1D5b, np2D1k_D2b_D3b or np3D1k_D2b_D3b = 1 [graduated]</p>	Base Respondents with prior wave parent/youth survey data
● W1Cert	[prior wave]	Youth took a test to receive a diploma or certificate in a prior wave for high school [preload variable for CATI skip logic, not used in analysis]	<p>Alpha/Character Variable Values 1 Yes, confirmed in prior wave 0 Not confirmed in prior wave</p> <p>Notes Set to 1 [yes] if either np1D1k or np1D2d = 3, np1D3b = 1, np1D5b = 2, or either np2D1k_D2b_D3b or np3D1k_D2b_D3b = 2 or 6 [certificated]</p>	Base Respondents with prior wave parent/youth survey data
● W1GradCert	[prior wave]	Youth either took a test to receive a diploma or certificate from high school or graduated from high school in a prior wave [preload variable for CATI skip logic, not used in analysis]	<p>Alpha/Character Variable Values 1 Yes, confirmed in prior wave 0 Not confirmed in prior wave</p> <p>Notes Set to 1 [yes] if W1Cert or W1Grad = 1</p>	Base Respondents with prior wave parent/youth survey data

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Interview Preload Data				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	
● W1HadChild	[prior wave]	Youth had a child in a prior wave [preload variable for CATI skip logic, not used in analysis]	Alpha/Character Variable Values 1 Yes, confirmed in prior wave 0 Not confirmed in prior wave Notes Set to 1 [yes] if np1K3a, np2W2a_M4_Ever, or np3W2a_M4_Ever = 1 [youth had or fathered a child]	Base Respondents with prior wave parent/youth survey data
● W1JobEver	[prior wave]	Youth had any job in a prior wave [preload variable for CATI skip logic, not used in analysis]	Alpha/Character Variable Values 1 Yes, confirmed in prior wave 0 Not confirmed in prior wave Notes Set to 1 [yes] if If np1I1a, np1I1c, np1I2a, np1I6a, np1I19, np2HasWorked, or np3HadPdJob = 1 [youth ever had a paid job]	Base Respondents with prior wave parent/youth survey data
● W1NotInSch	[prior wave]	Youth was out of secondary school in a prior wave [preload variable for CATI skip logic, not used in analysis]	Alpha/Character Variable Values 1 Yes, confirmed in prior wave 0 Not confirmed in prior wave Notes Set to 1 [yes] if [np1/np2/np3][D1a/D2a] ≠ 1 or [np1/np2/np3][D1k/D2d] > 1 [youth not in secondary school in prior wave]	Base Respondents with prior wave parent/youth survey data
● W1PdJob	[prior wave]	Youth had a paid job in a prior wave [preload variable for CATI skip logic, not used in analysis]	Alpha/Character Variable Values 1 Yes, confirmed in prior wave 0 Not confirmed in prior wave Notes Set to 1 [yes] if np1[I1c/I2a/I6a/I19], np2HasWorked, or np3HadPdJob = 1 [youth had paid job]	Base Respondents with prior wave parent/youth survey data
● W1SpEd	[prior wave]	Youth was in special education in a prior wave [preload variable for CATI skip logic, not used in analysis]	Alpha/Character Variable Values 1 Yes, confirmed in prior wave 0 Not confirmed in prior wave Notes Set to 1 [yes] if np1D8a or [np2/np3]D6a_D6b_D6c = 1 [youth was in special Ed]	Base Respondents with prior wave parent/youth survey data

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Interview Preload Data				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	
● HasW1Data	[prior wave]	Has data from a prior wave interview	<p>Alpha/Character Variable Values</p> <p>0 No prior wave interviews</p> <p>1 Yes, one more complete interviews</p> <p>2 Yes, one or more partial interviews</p> <hr/> <p>Notes</p> <p>Set to 1 [yes, complete interview] if HasW1Data = 1 or PartialW3 = 0 [had complete prior wave data]</p> <p>Set to 2 [yes, partial interview] if either HasW1Data ne 1 and PartialW3 = 1 or W1Partial = 1 and PartialW3 = 0 [has only partial prior wave data]</p> <p>Else set to 0 [no prior wave data]</p>	Base Respondents
● W1Gender	[prior wave]	Youth's gender [preload variable for CATI skip logic, not used in analysis]	<p>Alpha/Character Variable Values</p> <p>1 Male confirmed in prior wave</p> <p>2 Female confirmed in prior wave</p> <hr/> <p>Notes</p> <p>Set to 1 [male] if np1A1, np2A1, or np3A1 = 1 [male]</p> <p>Set to 2 [female] if np2A1, np2A1, or np3A2 = 2 [female]</p>	Base Respondents with prior wave parent/youth survey data
● W1B1a_...[00-20, 42, 91]	[prior wave]	Youth has been diagnosed with what physical, sensory, learning, or other disabilities [preload variable for CATI skip logic, not used in analysis]	<p>Alpha/Character Variable Values</p> <p>1 Yes, confirmed in prior wave</p> <p>0 Not confirmed in prior wave</p> <hr/> <p>Notes</p> <p>Set to value of [np1/np2/np3]B1a_[01-20, 42, 91] if data available from a prior wave interview [asked one time only]</p>	Base Respondents with prior wave parent/youth survey data
W1B1a_00	No problem/disability/not getting special service			
W1B1a_01	Asthma			
W1B1a_02	Attention Deficit Disorder (ADD/ADHD)			
W1B1a_03	Autism or Aspergers			
W1B1a_04	Complete blindness			
W1B1a_05	Cerebral palsy			
W1B1a_06	Deafness			
W1B1a_07	Deafness and blindness			
W1B1a_08	Down syndrome			
W1B1a_09	Dyslexia			

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Interview Preload Data				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	
W1B1a_10		Emotional disturbance or behavior disorder		
W1B1a_11		Hearing impairment/hard of hearing		
W1B1a_12		Health impairment		
W1B1a_13		Learning disability/learning handicap		
W1B1a_14		Mental retardation		
W1B1a_15		Physical or orthopedic impairment		
W1B1a_16		Speech or communication impairment		
W1B1a_17		Spina bifida		
W1B1a_18		Traumatic brain injury		
W1B1a_19		Visual impairment		
W1B1a_20		Developmental delay		
W1B1a_42		Multiple disabilities		
W1B1a_91		Diagnosed with other disorder		
● W1_2Yr	[prior wave]	Youth attended a 2-year or community college in a prior wave [preload variable for CATI skip logic, not used in analysis]	Alpha/Character Variable Values 1 Yes, confirmed in prior wave 0 Not confirmed in prior wave Notes Set to 1 [yes] if np2S3a, np2D4a1, or np3D4a1 = 1 [attended a 2-year or community college]	Base Respondents with prior wave parent/youth survey data
● W1_Voc	[prior wave]	Youth attended a postsecondary vocational or technical school in a prior wave [preload variable for CATI skip logic, not used in analysis]	Alpha/Character Variable Values 1 Yes, confirmed in prior wave 0 Not confirmed in prior wave Notes Set to 1 [yes] if np2S4a, np2D4a2, or np3D4a2 = 1 [attended a postsecondary vocational or technical school]	Base Respondents with prior wave parent/youth survey data
● W1_4Yr	[prior wave]	Youth attended a 4-year college or university in a prior wave [preload variable for CATI skip logic, not used in analysis]	Alpha/Character Variable Values 1 Yes, confirmed in prior wave 0 Not confirmed in prior wave Notes Set to 1 [yes] if np2S5a, np2D4a3, or np3D4a3 = 1 [attended a 4-year college or university]	Base Respondents with prior wave parent/youth survey data

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Interview Preload Data				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	
● W1_2yrVoc	[prior wave]	Youth's focus was primarily vocational at 2-year or community college in a prior wave [preload variable for CATI skip logic, not used in analysis]	Alpha/Character Variable Values 1 Yes, confirmed in prior wave 0 Not confirmed in prior wave Notes Set to 1 [yes] if np2S3g, np3S3g, np2K6e, or np3K6e = 1 [2-year college course of study was primarily vocational in a prior wave]	Base Respondents with prior wave parent/youth survey data
● w1CommTrouble	[prior wave]	Parent/guardian reported that youth had communication problems in a prior wave [preload variable for CATI skip logic, not used in analysis]	Alpha/Character Variable Values 1 Yes, confirmed in prior wave 0 Not confirmed in prior wave Notes Set to 1 [yes] if any np1B4f, np2B4f, np3B4f, np1B4h, np2B4h, np3B4h, np1B4i, np2B4i, np2B4i, np1B4j, np2B4j, np3B4j, np1B5a, np2B5a, np3B5a, np1B5b, np2B5b, np3B5b, np1B5d, np2B5d, np3B5d, np1B5e, np2B5e, or np3B5e = 3 or 4 [youth has trouble in communicating, speaking, or understanding reported in a prior wave]	Base Respondents with prior wave parent/youth survey data
● w1_YthIntvw	[prior wave]	Youth participated in an interview in a prior wave [preload variable for CATI skip logic, not used in analysis]	Alpha/Character Variable Values 1 Yes 0 No Notes Set to 1 [yes] if youth participated in an interview in a prior wave	Base Respondents with prior wave parent/youth survey data
● Dis_...[category]	[sample data]	District designated disability category flag used in CATI logic	Alpha/Character Variable Values 1 Yes 0 No Notes Set to 1 [yes] if sampling school district classified youth with this category as either a primary, secondary, or tertiary category	Base All respondents
	Dis_Aut	Autism		
	Dis_DB	Deafness and blindness		
	Dis_ED	Emotional disturbance or behavior disorder		
	Dis_HI	Hearing impairment/hard of hearing		
	Dis_LD	Learning disability/learning handicap		
	Dis_MH	Multiple disabilities		
	Dis_MR	Mental retardation		
	Dis_OHI	Health impairment		
	Dis_OI	Physical or orthopedic impairment		

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D1—NLTS2 Wave 4 Parent/Youth Survey Part 1: Parent or Guardian

Interview Preload Data				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	
Dis_Spch		Speech or communication impairment		
Dis_SPLDOnly		Speech and/or learning disability only		
Dis_TBI		Traumatic brain injury		
Dis_VI		Visual impairment		

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D1—NLTS2 Wave 4 Parent/Youth Survey Part 1: Parent or Guardian

CATI Interview Variables and Section Z: Screener					
Variable Name	Source	Variable Description	Variable Type and Values		Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations		Variable Name by Wave
● np4Yage	[CATI]	Youth's age at time of Wave 4 interview	Numeric Variable Values Age of youth		Base All respondents Variable Name by Wave 1: np1CurAge 4: np4Yage 2: np2Yage 5: np5Yage 3: np3Yage
● np4YouthBirth... np4YouthBirth Month np4YouthBirthYear	[CATI]	Youth's birth date	Numeric Variable Values Youth's birth month and year		Base All respondents Variable Name by Wave 1: np1A2b[month,year] 2: np2YouthBirth[month,year] 3: np3YouthBirth[month,year] 4: np4YouthBirth[month,year] 5: np5YouthBirth[month,year]
● np4Par1Flag	[not created in this wave]	Parent Part 1 Interview completed	Alpha/Character Variable Values NOT CREATED THIS WAVE 1 Yes 0 No Notes Replaced by np4PP1_Complete		Base NOT CREATED THIS WAVE; NO DATA FOR THIS ITEM Variable Name by Wave 1: [not in this wave] 4: [see np4PP1_Complete] 2: np2Par1Flag 5: [see np5PP1_Complete] 3: [see np3PP1_Complete]
● np4Par2Flag	[not created in this wave]	Parent Part 2 Interview completed	Alpha/Character Variable Values NOT CREATED THIS WAVE 1 Yes 0 No Notes Replaced by np4PP2_Complete		Base NOT CREATED THIS WAVE; NO DATA FOR THIS ITEM Variable Name by Wave 1: [no Part 2 interview] 4: [see np4PP2_Complete] 2: np2Par2Flag 5: [see np5PP2_Complete] 3: [see np3PP2_Complete]
● np4YouthFlg	[not created in this wave]	Youth interview completed	Alpha/Character Variable Values NOT CREATED THIS WAVE 1 Yes 0 No Notes Replaced by np4Yth_Complete		Base NOT CREATED THIS WAVE; NO DATA FOR THIS ITEM Variable Name by Wave 1: [no youth interview] 4: [see np4Yth_Complete] 2: np2YouthFlg 5: [see np5Yth_Complete] 3: [see np3Yth_Complete]
● np4mailflag	[not created this wave]	Youth completed a mail questionnaire	Numeric Variable Values NOT CREATED THIS WAVE 1 Yes		Base NOT CREATED THIS WAVE; NO DATA FOR THIS ITEM Variable Name by Wave

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D1—NLTS2 Wave 4 Parent/Youth Survey Part 1: Parent or Guardian

CATI Interview Variables and Section Z: Screener				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
			0 No Notes Replaced by np4Yth_Complete	1: [no youth interview] 4: [see np4Yth_Complete] 2: np2MailFlag 5: [see np5Yth_Complete] 3: np3MailFlag
● np4PP1_Complete	(created)	Completion status for Parent Part 1 interview, abbreviated interview, or family survey mail questionnaire	Numeric Variable Values 0 No data this section 1 Completed interview 2 Partial interview 3 Completed family survey mail questionnaire 4 Completed abbreviated interview Notes Set to 1 if W4Part1 = 1, 1.5 [PP1 interview or interview and family mail questionnaire] Set to 2 [partial] if W4Part1 = 2 [partial] Set to 3 [mail questionnaire if W4part1 = 4 or 2.5 [family mail questionnaire or family mail questionnaire and PP1 partial interview] Set to 4 [abbreviated] W4Part1 = 3, 3.5 [PP1 abbreviated interview or abbreviated interview and family mail questionnaire]	Base All respondents Variable Name by Wave <i>Please note: Items in italics are similar to but not exactly the same as Wave 4 items</i> 1: see np1[PartComp/Source] 4: np4PP1_Complete 2: np2Par1Flag 5: np5PP1_Complete 3: np3PP1_Complete
● np4PP2_Complete	(created)	Completion status for Parent Part 2 interview	Numeric Variable Values 0 No data this section 1 Completed interview 2 Partial interview 5 Some data Notes Set to 1 [completed interview] if W4Part2 = 3 or 4 [PP2 parent/guardian interview or PP2 interview and youth partial] Set to 2 [partial interview] if W4Part2 = 6 [PP2 parent/guardian partial interview] Set to 5 [some data] if W4Part1 = 1.5, 2.5, 3.5, 4, 3, or 3.5 [PP1 parent/guardian interview and family mail survey,	Base All parent/guardian and youth respondents Variable Name by Wave <i>Please note: Items in italics are similar to but not exactly the same as Wave 4 items</i> 1: [no part 2 interview] 4: np4PP2_Complete 2: np2Par2Flag 5: np5PP2_Complete 3: np3PP2_Complete

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D1—NLTS2 Wave 4 Parent/Youth Survey Part 1: Parent or Guardian

CATI Interview Variables and Section Z: Screener					
Variable Name	Source	Variable Description	Variable Type and Values		Base: Which Respondents Asked Variable Name by Wave
			Notes: Assignments, Modifications, and/or Validations		
			PP1 partial interview and family mail survey, PP1 abbreviated interview, or PP1 abbreviated interview and family mail survey]		
● np4Yth_Complete	(created)	Completion status for Youth interview or youth survey mail questionnaire	<p>Numeric Variable Values</p> <p>0 No data this section</p> <p>1 Completed interview</p> <p>2 Partial interview</p> <p>3 Completed youth survey mail questionnaire</p> <hr/> <p>Notes</p> <p>Set to 1 [completed interview] if W4Part2 = 1 or 1.5 [Youth interview or both youth interview and youth mail survey]</p> <p>Set to 2 [partial interview] if W4Part2 = 4 or 5 [both PP2 parent/guardian interview and youth partial interview or youth partial interview]</p> <p>Set to 3 [youth survey mail questionnaire] if W4Part2 = 2 or 3.5 [Youth mail survey or both PP2 parent/guardian interview and youth mail survey]</p>		<p>Base</p> <p>All parent/guardian and youth respondents</p> <hr/> <p>Variable Name by Wave</p> <p><i>Please note: Items in italics are similar to but not exactly the same as Wave 4 items</i></p> <p>1: [no youth interview] 4: np4Yth_Complete 2: np2[YouthFlg/MailFlag] 5: np5Yth_Complete 3: np3[Yth_Complete/MailFlag]</p>
● W4Part1	(created)	Data sources for Part 1: Parent/guardian Part 1 interview, abbreviated interview, or family survey mail questionnaire	<p>Numeric Variable Values</p> <p>0 [no Part 1]</p> <p>1 PP1 interview</p> <p>1.5 PP1 interview and family mail survey</p> <p>2 PP1 partial interview</p> <p>2.5 PP1 partial interview and family mail survey</p> <p>3 PP1 abbreviated interview</p> <p>3.5 PP1 abbreviated interview and family mail survey</p> <p>4 Family mail survey</p>		<p>Base</p> <p>All parent/guardian and youth respondents</p> <hr/> <p>Variable Name by Wave</p> <p>1: [no youth interview] 4: W4Part1 2: [not created this wave] 5: W5Part1 3: [not created this wave]</p>
● W4Part2	(created)	Data sources for Part 2: parent/guardian Part 2 interview, youth interview, or youth survey mail questionnaire	<p>Numeric Variable Values</p> <p>0 [no Part 2]</p> <p>1 Youth interview</p> <p>1.5 Youth interview and youth mail survey</p> <p>2 Youth mail survey</p> <p>3 PP2 parent/guardian interview</p> <p>3.5 Youth mail survey and PP2 parent/guardian interview</p> <p>4 PP2 parent/guardian and youth partial interviews</p>		<p>Base</p> <p>All parent/guardian and youth respondents</p> <hr/> <p>Variable Name by Wave</p> <p>1: [no youth interview] 4: W4Part2 2: [not created this wave] 5: W5Part2 3: [not created this wave]</p>

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D1—NLTS2 Wave 4 Parent/Youth Survey Part 1: Parent or Guardian

CATI Interview Variables and Section Z: Screener					
Variable Name	Source	Variable Description	Variable Type and Values		Base: Which Respondents Asked Variable Name by Wave
			Notes: Assignments, Modifications, and/or Validations		
			5	Partial youth interview	
			6	PP2 parent/guardian partial interview'	
• W4Status	[CATI]	Data sources for Part 1 and Part 2 combined: Parent/guardian Part 1 interview (PP1), Family mail survey, parent/guardian Part 2 interview (PP2), youth interview, or youth survey mail questionnaire	Numeric Variable Values 1 Part1: [no Part 1] - Part2: [no Part 2] 2 Part1: [no Part 1] - Part2: Youth partial 3 Part1: Family mail - Part2: [no Part 2] 4 Part1: PP1 abbreviated - Part2: [no Part 2] 5 Part1: PP1 abbreviated & Family mail - Part2: [no Part 2] 6 Part1: PP1 partial - Part2: [no Part 2] 7 Part1: PP1 partial & Family mail - Part2: [no Part 2] 8 Part1: PP1 intvw- Part2: [no Part 2] 9 Part1: PP1 intvw & Family mail - Part2: [no Part 2] 10 Part1: [no Part 1] - Part2: Youth mail 11 Part1: [no Part 1] - Part2: Youth intvw 12 Part1: PP1 intvw - Part2: PP2 partial 13 Part1: PP1 intvw - Part2: Youth partial 14 Part1: Family mail - Part2: Youth mail 15 Part1: PP1 abbreviated - Part2: Youth mail 16 Part1: PP1 abbreviated & Family mail - Part2: Youth mail 17 Part1: PP1 partial & Family mail - Part2: Youth mail 18 Part1: Family mail - Part2: Youth intvw 19 Part1: Family mail - Part2: Youth intvw & Youth mail 20 Part1: PP1 abbreviated - Part2: Youth intvw 21 Part1: PP1 abbreviated & Family mail - Part2: Youth intvw 22 Part1: PP1 partial - Part2: Youth intvw 23 Part1: PP1 partial & Family mail - Part2: Youth intvw & Youth mail 24 Part1: PP1 partial & Family mail - Part2: Youth intvw 25 Part1: PP1 intvw - Part2: PP2 intvw 26 Part1: PP1 intvw & Family mail - Part2: PP2 intvw 27 Part1: PP1 intvw - Part2: PP2 intvw & Youth Partial		Base All parent/guardian and youth respondents Variable Name by Wave 1: [no youth interview] 4: W4Status 2: [not created this wave] 5: W5Status 3: [not created this wave]

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

D1—NLTS2 Wave 4 Parent/Youth Survey Part 1: Parent or Guardian

CATI Interview Variables and Section Z: Screener					
Variable Name	Source	Variable Description	Variable Type and Values		Base: Which Respondents Asked Variable Name by Wave
			Notes: Assignments, Modifications, and/or Validations		
			28	Part1: PP1 intvw - Part2: PP2 intvw & Youth mail	
			29	Part1: PP1 intvw & Family mail - Part2: PP2 intvw & Youth mail	
			30	Part1: PP1 intvw - Part2: Youth mail	
			31	Part1: PP1 intvw & Family mail - Part2: Youth mail	
			32	Part1: PP1 intvw & Family mail - Part2: Youth intvw & Youth mail	
			33	Part1: PP1 intvw - Part2: Youth intvw	
			34	Part1: PP1 intvw & Family mail - Part2: Youth intvw	
● np4Prim_Lang	[CATI]	Whether interview extended in Spanish or English	Alpha/Character Variable Values 1,3 English 2 Spanish		Base All parent/guardian respondents Variable Name by Wave 1: np1EnglSpan 4: np4Prim_Lang 2: np2Prim_Lang 5: np5Prim_Lang 3: np3Prim_Lang
● np4PP1_Lang	[CATI]	Whether Parent Part 1 interview extended in Spanish or English	Alpha/Character Variable Values 1,3 English 2 Spanish		Base All parent/guardian respondents Variable Name by Wave 1: [not in this wave] 4: np4PP1_Lang 2: np2PP1Lang 5: np5PP1_Lang 3: np3PP1_Lang
● np4PP2_Lang	[CATI]	Whether Parent Part 2 interview extended in Spanish or English	Alpha/Character Variable Values 1,3 English 2 Spanish		Base All parent/guardian respondents with a Parent Part 2 interview Variable Name by Wave 1: [no Part 2 interview] 4: np4PP2_Lang 2: np2PP2Lang 5: np5PP2_Lang 3: np3PP2_Lang
● np4Youth_Lang	[CATI]	Whether youth interview extended in Spanish or English	Alpha/Character Variable Values 1,3 English 2 Spanish		Base Youth respondents with a youth interview Variable Name by Wave 1: [no youth interview] 4: np4Youth_Lang 2: np2YthLang 5: np5Youth_Lang 3: np3Youth_Lang

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

D1—NLTS2 Wave 4 Parent/Youth Survey Part 1: Parent or Guardian

CATI Interview Variables and Section Z: Screener					
Variable Name	Source	Variable Description	Variable Type and Values		Base: Which Respondents Asked Variable Name by Wave
			Notes: Assignments, Modifications, and/or Validations		
● np4Z10	Z10	Respondent gender	Numeric Variable Values 1 Male 2 Female		Base All parent/guardian respondents 1: np1S10 4: np4Z10 2: np2Z10 5: np5Z10 3: np3Z10
● np4Z11a	Z11a	Female respondent relationship to youth	Numeric Variable Values 1 Mother 2 Biological mother 3 Adoptive mother 4 Stepmother 5 Foster mother 6 Legal guardian 7 Sister/step-sister 8 Aunt/great aunt 9 Grandmother/great grandmother/step-grandmother 10 Other		Base Asked parent/guardian respondents if np4Z10=2 [female]
			Notes Set to 2 [biological mother] if np4Z11b = 1 [biological mother] Set to 3 [adoptive mother] if np4Z11b = 2 [adoptive mother] Set to 4 [stepmother] if np4Z11b = 3 [stepmother] Set to 5 [foster mother] if np4Z11b = 4 [foster mother] Text from other specify recoded into existing categories		Variable Name by Wave 1: np1S11a 4: np4Z11a 2: np2Z11a 5: np5Z11a 3: np3Z11a
● np4Z11b	Z11b	Biological, adoptive, step, or foster mother	Numeric Variable Values 1 Biological mother 2 Adoptive mother 3 Stepmother 4 Foster mother		Base Asked parent/guardian respondents if np4Z11a = 1 [mother, unspecified]
					Variable Name by Wave 1: np1S11b 4: np4Z11b 2: np2Z11b 5: [not asked this wave] 3: np3Z11b
● np4Z11c	Z11c	Female respondent is legal guardian	Numeric Variable Values 1 Yes 0 No		Base Asked parent/guardian respondents if np4Z11a = 4, 5, 7, 8, 9, or 10 [stepmother, foster

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

D1—NLTS2 Wave 4 Parent/Youth Survey Part 1: Parent or Guardian

CATI Interview and Section Z: Screener Created Variables				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
			Same value as np4CombEth with 6 [other/multiple] excluded because too few to report in tables	
● W4_GendHdr2007	(created)	Gender for table column headings	<p>Numeric Variable Values</p> <p>1 Male 2 Female</p> <hr/> <p>Notes Set to value of np1GendHdr, w2_GendHdr2003, or w3_GendHdr2005 [gender heading in prior wave] set to value of np4A1 [gender] if prior wave data missing</p>	<p>Base All respondents</p> <hr/> <p>Variable Name by Wave 1: W1_GendHdr2001 4: W4_GendHdr2007 2: W2_GendHdr2003 5: W5_GendHdr2009 3: W3_GendHdr2005</p>
● W4_DisHdr2007	(created)	Disability category for table column headings	<p>Numeric Variable Values</p> <p>1 Learning disability 2 Speech impairment 3 Mental Retardation 4 Emotional disturbance 5 Hearing impairment 6 Visual impairment 7 Orthopedic or Physical impairment 8 Other health impairment 9 Autism 10 Traumatic brain injury 11 Multiple disabilities 12 Deaf-blindness</p>	<p>Base All respondents</p> <hr/> <p>Variable Name by Wave 1: W1_DisHdr2001 4: W4_DisHdr2007 2: W2_DisHdr2003 5: W5_DisHdr2009 3: W3_DisHdr2005</p>
● W4_IncomeHdr2007	(created)	Income level for table column headings	<p>Numeric Variable Values</p> <p>1 \$25,000 or less 2 \$25,001 - \$50,000 3 More than \$50,000</p> <hr/> <p>Notes Set to value of np4H14Cat [respondent's household income category at time of interview]</p>	<p>Base All parent/guardian respondents with responses to items listed in notes</p> <hr/> <p>Variable Name by Wave 1: W1_IncomeHdr2001 4: W4_IncomeHdr2007 2: W2_IncomeHdr2003 5: W5_IncomeHdr2009 3: W3_IncomeHdr2005</p>
● np4Wt	(calculated)	Weight for Parent Part 1 and Parent Part2/Youth items	<p>Numeric Variable Values Weight</p>	<p>Base All respondents with Wave 4 Parent Part 1 or Youth Survey data</p> <hr/> <p>Variable Name by Wave 1: np1Wt 4: np4Wt 2: np2Wt 5: np5Wt 3: np3Wt</p>

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

D1—NLTS2 Wave 4 Parent/Youth Survey Part 1: Parent or Guardian

CATI Interview and Section Z: Screener Created Variables				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
● np4Wt_Repl_... [01-32]	(calculated)	Replicate weights for Parent Part 1 and Parent Part2/Youth items	Numeric Variable Values Replicate weight	Base All respondents with Wave 4 Parent Part 1 or Youth Survey data Variable Name by Wave 1: np1Repl_[01-32] 4: np4Wt_Repl_[01-32] 2: n2ParWt_Repl_[01-32] 5: np5Wt_Repl_[01-32] 3: np3Wt_Repl_[01-32]
● np4YouthWt	(calculated)	Weight for Youth interview or youth mail questionnaire	Numeric Variable Values Weight	Base Youth respondents with Wave 4 Youth Survey data Variable Name by Wave 1: [no youth interview] 4: np4YouthWt 2: np2YouthWt 5: np5YouthWt 3: np3YouthWt
● np4YthWt_Repl_... [01-32]	(calculated)	Replicate weights for Youth interview or youth mail questionnaire	Numeric Variable Values Replicate weight	Base Youth respondents with Wave 4 Youth Survey data Variable Name by Wave 1: [no youth interview] 2: n2YthWt_Repl_[01-32] 3: np3YthWt_Repl_[01-32] 4: np4YthWt_Repl_[01-32] 5: np5YthWt_Repl_[01-32]
● HasMR	[CATI]	Skip check flag: district or respondent identified youth as being diagnosed with MR (mental retardation)	Numeric Variable Values 1 Yes 0 No Notes Set to 1 [yes] if District designated disability is MR or [W1/np4]B1a_14 = 1 [MR]	Base All respondents
● HasVI	[CATI]	Skip check flag: district or respondent identified youth as being diagnosed with VI (visual impairment)	Numeric Variable Values 1 Yes 0 No Notes Set to 1 [yes] if District designated disability is VI or DB or any [W1/np4]B1a_[04, 07, or 19] = 1 [blindness, deafness and blindness, or visual impairment]	Base All respondents

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

D1—NLTS2 Wave 4 Parent/Youth Survey Part 1: Parent or Guardian

CATI Interview and Section Z: Screener Created Variables				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
• NoDisab	[CATI]	Skip check flag: no disability identified by respondent	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <hr/> <p>Notes Set to 1 [yes] if W1B1a_00 = 1 or [no problem/not getting special services) or np4B1c = 0 [youth currently has no problem/disability and did not receive help for a disability in 2000-2001 school year]</p>	<p>Base All respondents</p>
• Mult_OI_OHI_MR	[CATI]	Skip check flag: district or respondent identified youth as being diagnosed with multiple, OI, OHI, and/or MR (orthopedic impairment, other health impairment, and/or mental retardation)	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <hr/> <p>Notes Set to 1 [yes] if District designated multiple, OI, OHI, or MR or any [W1/np4]B1a_[12, 14, or 15] = 1 [OHI, MR, or OI]</p>	<p>Base All respondents</p>
• HasHI	[CATI]	Skip check flag: respondent identified youth as being diagnosed with HI (hearing impairment)	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <hr/> <p>Notes Set to 1 [yes] if any [W1/np4]B1a_[06, 07, or 11] = 1 [deafness, deafness and blindness, or hearing impairment] or np4B4a = 2 [youth has a hearing problem]</p>	<p>Base All respondents</p>
• LD_Sp	[CATI]	Skip check flag: respondent identified youth as being diagnosed with LD (learning disability) or Speech	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <hr/> <p>Notes Set to 1 [yes] if any [W1/np4]B1a_[13 or 16] = 1 [LD or speech]</p>	<p>Base All respondents</p>

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

D1—NLTS2 Wave 4 Parent/Youth Survey Part 1: Parent or Guardian

CATI Interview and Section Z: Screener Created Variables				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
● HasOI	[CATI]	Skip check flag: respondent identified youth as being diagnosed with physical impairment	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <hr/> <p>Notes</p> <p>Set to 1 [yes] if District designated disability is OI or any [W1/np4]B1a_[05, 15, 17] = 1 [cerebral palsy, OI, or spina bifida]</p>	<p>Base</p> <p>All respondents</p>
● OI_OHI_MH_VI	[CATI]	Skip check flag: respondent identified youth as being diagnosed with OI, OHI, MH, and/or VI (orthopedic impairment, other health impairment, multiple, and/or visual impairment)	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <hr/> <p>Notes</p> <p>Set to 1 [yes] if District designated OI, OHI, multiple, or VI or any [W1/np4]B1a_[04, 05, 07, 12, 15, 17, 18, or 19] = 1 [blindness, cerebral palsy, down syndrome, OHI, OI, spina bifida, TBI, or VI]</p>	<p>Base</p> <p>All respondents</p>
● OtherDis	[CATI]	Skip check flag: respondent identified youth as being diagnosed with something other than LD (learning disability) or Speech	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <hr/> <p>Notes</p> <p>Set to 1 [yes] if any [W1/ np4]B1a_[01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 14, 15, 17, 18, 19, 20, 21, or 42] = 1 [asthma, AD/HD, autism, blindness, cerebral palsy, deafness, deafness and blindness, down syndrome, dyslexia, ED, hearing impairment, OHI, MR, OI, spina bifida, TBI, VI, developmental delay other, or multiple]</p>	<p>Base</p> <p>All respondents</p>
● LDSp_Only	[CATI]	Skip check flag: respondent identified youth as being diagnosed with LD (learning disability) and/or Speech only	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <hr/> <p>Notes</p> <p>Set to 1 [yes] if LD_Sp = 1 and OtherDis = 0 [no disabilities identified other than LD or speech]</p>	<p>Base</p> <p>All respondents</p>

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

D1—NLTS2 Wave 4 Parent/Youth Survey Part 1: Parent or Guardian

CATI Interview and Section Z: Screener Created Variables				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
● HasVIParRpt	[CATI]	Skip check flag: respondent identified youth as being diagnosed with VI (visual impairment)	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <hr/> <p>Notes Set to 1 [yes] if any [W1/np4]B1a_[04, 07, or 19] = 1 [blindness, deafness and blindness, or visual impairment]</p>	<p>Base All respondents</p>
● OtherResp	[CATI]	Skip check flag: Wave 4 respondent is someone other than youth's parent/guardian	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <hr/> <p>Notes Set to 1 [yes] if np4Z11a or np4Z12a = 7-9 [sister/stepsister, brother/stepbrother, aunt, uncle, grandmother, or grandfather]</p>	<p>Base Respondents with responses to items listed in notes</p>
● RespParGuardian	[CATI]	Skip check flag: Wave 4 respondent is youth's parent or guardian	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <hr/> <p>Notes Set to 1 [yes] if np4Z11a or np4Z12a = 1-6 [mother, father, biological mother, biological father, stepmother, stepfather, foster mother, foster father, or legal guardian] or np4Z11c or np4C12c = 1 [legal guardian]</p>	<p>Base Respondents with responses to items listed in notes</p>
● InSchInPastYear	[CATI]	Skip check flag: Youth attended secondary school in the last year	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <hr/> <p>Notes Set to 1 [yes] if np4D1a or np4D2a = 1 [was in secondary school or receiving secondary instruction in another setting in the last year]</p>	<p>Base Respondents with responses to items listed in notes</p>

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

D1—NLTS2 Wave 4 Parent/Youth Survey Part 1: Parent or Guardian

CATI Interview and Section Z: Screener Created Variables				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
● InSchYouth	[CATI]	Skip check flag: Youth reports that he or she has been in secondary school in the past year	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <hr/> <p>Notes</p> <p>Set to 1 [yes] if np4P2a = 1 [took high school classes in past year]</p>	Base Respondents with responses to items listed in notes
● InSchNow	[CATI]	Skip check flag: Youth is currently in secondary school	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <hr/> <p>Notes</p> <p>Set to 1 [yes] if np4D1j or np4D2c = 1 [receiving instruction now] or np4D1k or np4D2d = 1 [not receiving instruction now because on summer vacation from high school]</p>	Base Respondents with responses to items listed in notes
● InSchNowYouth	[CATI]	Skip check flag: Youth reports that he or she is currently in secondary school	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <hr/> <p>Notes</p> <p>Set to 1 [yes] if np4P2b = 1 or 3 [taking classes now or on summer break]</p>	Base Respondents with responses to items listed in notes
● NormalUse	[CATI]	Skip check flag: youth has normal use of appendages	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <hr/> <p>Notes</p> <p>Set to 1 [yes] if np4B3b or np4B3c = 1 [sees normally] and np4B6a1, np4B6b1, and np4B6c1 = 1 [uses arms and hands normally for holding small objects, uses arms and hands normally for lifting and carrying, and uses legs and feet normally]</p>	Base Respondents with responses to items listed in notes

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

D1—NLTS2 Wave 4 Parent/Youth Survey Part 1: Parent or Guardian

CATI Interview and Section Z: Screener Created Variables				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
● LivesAtHome	[CATI]	Skip check flag: youth currently lives at home with respondent	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <hr/> <p>Notes</p> <p>Set to 1 [yes] if np4A6a_[01, 02, 03, or 04] = 1 [youth lives with parents, legal guardian, adult family member, or in foster care]</p>	Base Respondents with responses to items listed in notes
● WithParGuardian	[CATI]	Skip check flag: Youth lives w/ parent or guardian	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <hr/> <p>Notes</p> <p>Set to 1 [yes] if np4[Z11/Z12]a = 1-6 [mother, father, biological mother, biological father, stepmother, stepfather, foster mother, foster father, or legal guardian] or np4[Z11/Z12]c = 1 and np4A6a_[01, 02, or 04] = 1 [respondent is legal guardian and youth lives with parents, legal guardian, or in foster care]</p>	Base Respondents with responses to items listed in notes
● LivesAway	[CATI]	Skip check flag: Youth lives elsewhere other than with respondent	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <hr/> <p>Notes</p> <p>Set to 1 [yes] if np4A6a_[05, 06, 09, 10, or 16] = 1 [lives on his/her own, with a spouse or roommate, in military housing, in a group home, or Job Corps/job housing]</p>	Base Respondents with responses to items listed in notes
● WithRelative	[CATI]	Skip check flag: Youth lives with relative (not parent or guardian)	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <hr/> <p>Notes</p> <p>Set to 1 [yes] if np4[Z11/Z12]a = 7-9 [sister/stepmother, brother/stepbrother, aunt, uncle, grandmother or grandfather] and np4A6a_[02 or 03] = 1 [youth lives with legal guardian or with adult relative]</p>	Base Respondents with responses to items listed in notes

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

D1—NLTS2 Wave 4 Parent/Youth Survey Part 1: Parent or Guardian

CATI Interview and Section Z: Screener Created Variables				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
● LivesAtHomeYouth	[CATI]	Skip check flag: youth reports s/he lives at home	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <hr/> <p>Notes Set to 1 [yes] if np4P1a_[01, 02, 03, 04, 0104, or 0203] = 1 [youth lives with parent, alone, with spouse or roommate, or in foster care]</p>	<p>Base Respondents with responses to items listed in notes</p>

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

D1—NLTS2 Wave 4 Parent/Youth Survey Part 1: Parent or Guardian

Across Sections and/or Waves: Created Variables				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
• W4InSchPar	(created)	Youth was in secondary school at time of Wave 4 interview [parent/guardian report; youth report if parent/guardian data are missing]	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <p>Notes Set to 1 [yes] if np4D1j or np4D2c = 1 [parent/guardian reported youth in secondary school] or np4D1j or np4D2c is missing but np4P2b = 1 or 3 [no parent report but youth reported that he or she was in secondary school or out because on school vacation]</p> <p>Set to 0 [no] if np4[D1j/D2]c ≠ 1 [parent/guardian reported that youth was not in secondary school] or np4[D1j/D2c] missing and np4P2b = 2 [youth reported he or she was out of school]</p> <p>or np4D1j = .s, .d, .or .r and np4D2c = .d, .r, or .z and np4D3a > 0 [parent/guardian reported that he/she didn't know, refused to answer, or was not in a regular school and did not know, refused to answer, or did not have a response for if took secondary courses in another setting, and provided a time when youth left secondary school/instruction]</p>	<p>Base Respondents with a Wave 4 Interview and responses to items listed in notes</p> <hr/> <p>Variable Name by Wave 1: [not created this wave] 4: W4InSchPar 2: [not created this wave] 5: W5InSchPar 3: [W2/W3]InSchPar</p>
• W4InSch	(created)	Youth was in secondary school at time of Wave 4 interview [youth report; parent/guardian report if youth data are missing]	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <p>Notes Set to 1 [yes] if np2P2b = 1 or 3 [youth reported that he or she was in secondary school or out because on school vacation] or np2P2b is missing and np2[D1j/D2c] = 1 [no youth report but parent reported youth in secondary school]</p> <p>Set to 0 [no] if np2P2b = 2 [youth reported he or she was out of school] or np2P2b is missing and np2[D1j/D2c] ≠ 1 [no youth report and parent reported that youth was not in secondary school]</p>	<p>Base Respondents with responses to items listed in notes</p> <hr/> <p>Variable Name by Wave 1: [not created this wave] 4: W4InSch 2: [not created this wave] 5: W5InSch 3: [W2/W3]InSch</p>

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

D1—NLTS2 Wave 4 Parent/Youth Survey Part 1: Parent or Guardian

Across Sections and/or Waves: Created Variables				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
● np4CompEmplmt	(created)	Youth was competitively employed in the last 2 years	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <hr/> <p>Notes</p> <p>Minimum wage is \$5.15 for those interviewed before 7/24/2007 and \$5.85 after 7/24/2007</p> <p>Set to 0 [no] if np4HadPdJob = 0 [youth did not have a paid job in the past two years]</p> <p>or</p> <p>np4HadPdJob = 1 and either np4T8i_T11i_L8j_L11j = 1 or np4HourlyWage < minimum wage [youth had a paid job in the past two years and either most of the other workers had a disability or reported wage was less than minimum wage (note: if np4HourlyWage missing, used parent/guardian report or prior wave values from np2HourlyWage, np3HourlyWage, np2I3a, np3I3a, or np4I3a to determine hourly wage)]</p> <p>Else set to 1 [yes] if np4HadPdJob = 1, np4T8i_T11i_L8j_L11j ≠ 1, and np4HourlyWage ≥ minimum wage [youth had a paid job in the past two years, most of the other workers did not have a disability, and reported wage was minimum wage or above (note: if np4HourlyWage missing, used parent/guardian report or prior wave values from np2HourlyWage, np3HourlyWage, np2I3a, np3I3a, or np4I3a to determine hourly wage)]</p> <p>Set to .s [skipped] if W4Insch = 1 [youth in secondary school in this wave]</p>	<p>Base</p> <p>Respondents with responses to items listed in notes</p> <hr/> <p>Variable Name by Wave</p> <p>1: [not created this wave] 4: np4CompEmplmt 2: [not created this wave] 5: np5CompEmplmt 3:[W2/ np3]CompEmplmt</p>
● np4Emp_PostSec	(created)	Youth was competitively employed and/or had attended postsecondary school (2-year college, postsecondary vocational, or 4-year college/university) in the last 2 years	<p>Numeric Variable Values</p> <p>1 Neither, youth was neither competitively employed nor did he/she attend postsecondary in the last 2 years</p> <p>2 Youth was competitively employed only, he/she did not attend postsecondary in the last 2 years</p> <p>3 Youth attended postsecondary only, he/she was not competitively employed in the last 2 years</p>	<p>Base</p> <p>Respondents with responses to items listed in notes</p> <hr/> <p>Variable Name by Wave</p> <p>1: [not created this wave] 4: np4Emp_PostSec 2: [not created this wave] 5: np5Emp_PostSec 3: [W2/np3]Emp_PostSec</p>

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Across Sections and/or Waves: Created Variables				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
			<p>4 Both, youth was competitively employed and attended postsecondary in the last 2 years</p> <hr/> <p>Notes Set to 1 [no competitive employment or postsecondary] if np4CompEmplmt and np4S3a_S4a_S5a_D4a1_D4a2_D4a3 = 0 [was neither competitively employed in the last 2 years nor did he/she attend postsecondary (2-year college, vocational, or 4-year college/university) in the last 2 years]</p> <p>Set to 2 [competitively employed only] if np4CompEmplmt = 1 and np4S3a_S4a_S5a_D4a1_D4a2_D4a3 = 0 [was competitively employed in the last 2 years but did not attend postsecondary (2-year college, vocational, or 4-year college/university) in the last 2 years]</p> <p>Set to 3 [attended postsecondary only] if np4S3a_S4a_S5a_D4a1_D4a2_D4a3 = 1 and np4CompEmplmt = 0 [attended postsecondary (2-year college, vocational, or 4-year college/university) in the last 2 years but was not competitively employed in the last 2 years]</p> <p>Set to 4 [both competitive employment and postsecondary] if np4CompEmplmt and np4S3a_S4a_S5a_D4a1_D4a2_D4a3 = 1 [was competitively employed in the last 2 years and attended postsecondary (2-year college, vocational, or 4-year college/university) in the last 2 years]</p> <p>Set to .s [skipped] if W4Insch = 1 [youth in secondary school in this wave]</p>	
● np4AnyTypePostSec	(created)	Youth attended any type of postsecondary school in the last 2 years, including postsecondary classes to earn a high school degree, a 2-year	<p>Numeric Variable Values 1 Yes 0 No</p> <hr/> <p>Notes Set to 1 [yes] if</p>	<p>Base Respondents with responses to items listed in notes</p> <hr/> <p>Variable Name by Wave 1: [not created this wave] 4: np4AnyTypePostSec 2: [not created this wave] 5: np5AnyTypePostSec</p>

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D1—NLTS2 Wave 4 Parent/Youth Survey Part 1: Parent or Guardian

Across Sections and/or Waves: Created Variables				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
		college, postsecondary vocational school, or a 4-year college/university	np4S2a_K5a or np4S3a_S4a_S5a_D4a1_D4a2_D4a3 = 1 [youth attended a postsecondary school to earn a high school degree and/or attended a 2-year college, postsecondary vocational school, or a 4-year college or university] Set to 0 [no] if np4S2a_K5a and np4S3a_S4a_S5a_D4a1_D4a2_D4a3 ≠ 1 [youth did not attend any type of postsecondary school] Set to .s [skipped] if W4Insch = 1 [youth in secondary school in this wave]	3: [W2/np3]AnyTypePostSec
● np4Engage	(created)	Youth was engaged in employment and/or postsecondary school in the last 2 years and/or training in specific job skills since high school	Numeric Variable Values 1 Yes 0 No Notes Set to 1 [yes] if np4HadPdJob, np4AnyTypePostSec, or np4F8b_b = 1 [youth had a paid job in the past 2 years, attended any type of postsecondary school (attended a postsecondary school to earn a high school degree and/or attended a 2-year college, postsecondary vocational school, or a 4-year college or university) in the past 2 years, or had training in specific job skills since high school] Set to 0 [no] if np4HadPdJob, np4AnyTypePostSec, and np4F8b_b ≠ 1 [youth did not have a job or attend postsecondary in the last 2 years and did not have job skills training since high school] Set to .s [skipped] if W4Insch = 1 [youth in secondary school in this wave] np4F8b_b asked only of youth who were out of secondary school a year or more	Base Respondents with responses to items listed in notes Variable Name by Wave 1: [not created this wave] 4: np4Engage 2: [not created this wave] 5: np5Engage 3: [W2/np3]Engage
● np4EngageVol	(created)	Youth was engaged in employment, and/or postsecondary school in the	Numeric Variable Values 1 Yes	Base Respondents with responses to items listed in notes

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D1—NLTS2 Wave 4 Parent/Youth Survey Part 1: Parent or Guardian

Across Sections and/or Waves: Created Variables				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
		last 2 years, training in specific job skills since high school, and/or volunteer work in the last year	<p>0 No</p> <p>Notes Set to 1 [yes] if np4Engage or np4P8_J4 = 1 [youth was engaged in employment or postsecondary in the last 2 years, job training since high school, or volunteer work in the last year]</p> <p>Set to 0 [no] if np4Engage and np4P8_J4 ≠ 1 [youth was not engaged in employment, attending postsecondary, receiving job training, or volunteer work]</p> <p>Set to .s [skipped] if W4Insch = 1 [youth in secondary school in this wave]</p>	<p>Variable Name by Wave 1: [not created this wave] 4: np4EngageVol 2: [not created this wave] 5: np5EngageVol 3: [W2/np3]EngageVol</p>
● np4EngageWay	(created)	Ways in which youth was engaged in during the past 2 years or since high school: employment and/or postsecondary school in the last 2 years and/or job training since high school	<p>Numeric Variable Values</p> <p>0 No engagement</p> <p>1 Paid employment only</p> <p>2 Postsecondary attendance only</p> <p>3 Training in specific job skills only</p> <p>4 Paid employment and postsecondary attendance</p> <p>5 Paid employment and training in specific job skills</p> <p>6 Postsecondary attendance and training in specific job skills</p> <p>7 Paid employment, postsecondary attendance, and training in specific job skills</p> <p>Notes Set to 0 [no engagement] if np4Engage = 0 [youth did not have a paid job or attend postsecondary in the last 2 years or have job training since high school]</p> <p>Set to 1 [paid employment only] if np4HadPdJob = 1 and np4AnyTypePostSec and np4F8b_b ≠ 1 [youth had a paid job in the last 2 years but did not attend any type of postsecondary school in the last 2 years or have job training since high school]</p> <p>Set to 2 [postsecondary only] if np4AnyTypePostSec = 1 and np4HadPdJob and</p>	<p>Base Respondents with responses to items listed in notes</p> <p>Variable Name by Wave 1: [not created this wave] 4: np4EngageWay 2: [not created this wave] 5: np5EngageWay 3: [W2/np3]EngageWay</p>

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Across Sections and/or Waves: Created Variables				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
			<p>np4F8b_b ≠ 1 [youth attended any type of postsecondary school, including courses to earn a high school degree, in the last 2 years but did not have a paid job in the last 2 years or have job training since high school]</p> <p>Set to 3 [specific job skills training] if np4F8b_b = 1 and np4AnyTypePostSec and np4HadPdJob ≠ 1 [youth had job training since high school but did not have a paid job or attend any type of postsecondary school in the past 2 years]</p> <p>Set to 4 [employment and postsecondary] if np4AnyTypePostSec and np4HadPdJob = 1 and np4F8b_b ≠ 1 [youth attended any type of postsecondary school, including courses to earn a high school degree, and had a paid job in the last 2 years but did not have job training since high school]</p> <p>Set to 5 [employment and job skills training] if np4HadPdJob and np4F8b_b = 1 and np4AnyTypePostSec ≠ 1 [youth had a paid job in the last 2 years and had job training since high school but did not attend any type of postsecondary in the last 2 years]</p> <p>Set to 6 [postsecondary and job skills training] if np4AnyTypePostSec and np4F8b_b = 1 and np4HadPdJob ≠ 1 [youth attended any type of postsecondary school, including courses to earn a high school degree, in the last 2 years and had job training since high school but did not have a paid job in the last 2 years]</p> <p>Set to 7 [employment, postsecondary and job skills training] if np4HadPdJob , np4AnyTypePostSec, and np4F8b_b = 1 [youth had a paid job in the last 2 years, attended any type of postsecondary school, including courses to earn a high school degree, in the last 2 years, and had job training since high school]</p> <p>Set to .s [skipped] if</p>	

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D1—NLTS2 Wave 4 Parent/Youth Survey Part 1: Parent or Guardian

Across Sections and/or Waves: Created Variables				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
			W4Insch = 1 [youth in secondary school in this wave] np4F8b_b asked only respondents of youth who were out of secondary school a year or more	
• np4EngageWayVol	(created)	Types of activities youth was engaged in during the past 2 years: employment, job training, volunteer work, and/or postsecondary school	<p>Numeric Variable Values</p> 0 No engagement 1 Paid employment only 2 Postsecondary attendance only 3 Training in specific job skills only 4 Volunteer work only 5 Paid employment and postsecondary attendance 6 Paid employment and training in specific job skills 7 Postsecondary attendance and training in specific job skills 8 Volunteer work and paid employment 9 Volunteer work and postsecondary attendance 10 Volunteer work and training in specific job skills 11 Paid employment, postsecondary attendance, and training in specific job skills 12 Volunteer work, paid employment, and training in specific job skills 13 Volunteer work, paid employment, and postsecondary attendance 14 Volunteer work, postsecondary attendance, and training in specific job skills 15 Volunteer work, paid employment, postsecondary attendance, and training in specific job skills	<p>Base Respondents with responses to items listed in notes</p> <p>Variable Name by Wave 1: [not created this wave] 4: np4EngageWayVol 2: [not created this wave] 5: np5EngageWayVol 3: [W2/np3]EngageWayVol</p>
			<p>Notes Set to 0 [no engagement] if np4P8_J4 and np4Engage = 0 [youth did not do volunteer work in the last year, have a paid job or attend postsecondary in the last 2 years, or have job training since high school]</p> <p>Set to 1 [paid employment only] if np4HadPdJob = 1 and np4AnyTypePostSec, np4F8b_b, and np4P8_J4 ≠ 1 [youth had a paid job in the last 2 years but did not attend any type of</p>	

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Across Sections and/or Waves: Created Variables				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
			<p>postsecondary school in the last 2 years, have job training since high school, or do volunteer work in the last year]</p> <p>Set to 2 [postsecondary only] if np4AnyTypePostSec = 1 and np4HadPdJob, np4F8b_b, and np4P8_J4 ≠ 1 [youth attended any type of postsecondary school, including courses to earn a high school degree, in the last 2 years but did not have a paid job in the last 2 years, have job training since high school, or do volunteer work in the last year]</p> <p>Set to 3 [specific job skills training] if np4F8b_b = 1 and np4AnyTypePostSec, np4HadPdJob and np4_P8_J4 ≠ 1 [youth had job training since high school but did not have a paid job or attend any type of postsecondary school in the past 2 years or do volunteer work in the last year]</p> <p>Set to 4 [volunteer work only] if np4P8_J4 = 1 and np4HadPdJob, np4AnyTypePostSec, and np4F8b_b ≠ 1 [youth did volunteer work in the last year but did not had a paid job or attend any type of postsecondary school in the last 2 years or have job training since high school]</p> <p>Set to 5 [employment and postsecondary] if np4AnyTypePostSec and np4HadPdJob = 1 and np4F8b_b and np4P8_J4 ≠ 1 [youth attended any type of postsecondary school, including courses to earn a high school degree, and had a paid job in the last 2 years but did not have job training since high school or do volunteer work in the last year]xx</p> <p>Set to 6 [employment and job skills training] if np4HadPdJob and np4F8b_b = 1 and np4AnyTypePostSec and np4P8_J4 ≠ 1 [youth had a paid job in the last 2 years and had job training since high school but did not attend any type of postsecondary in the last 2 years or do volunteer work in the last year]</p> <p>Set to 7 [postsecondary and job skills training] if</p>	

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Across Sections and/or Waves: Created Variables				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
			<p>np4AnyTypePostSec and np4F8b_b = 1 and np4HadPdJob and np4P8_J4 ≠ 1 [youth attended any type of postsecondary school, including courses to earn a high school degree, in the last 2 years and had job training since high school but did not have a paid job in the last 2 years or do volunteer work in the last year]</p> <p>Set to 8 [volunteer work and employment] if np4P8_J4 and np4HadPdJob = 1 and np4AnyTypePostSec and np4F8b_b ≠ 1 [youth did volunteer work in the last year and had a paid job in the last 2 years but did not attend any type of postsecondary school in the last 2 years or have job training since high school]</p> <p>Set to 9 [volunteer work and postsecondary] if np4P8_J4 and np4AnyTypePostSec = 1 and np4HadPdJob and np4F8b_b ≠ 1 [youth did volunteer work in the last year and attended any type of postsecondary school, including courses to earn a high school degree, in the last 2 years but did not have a paid job in the last 2 years or have job training since high school]</p> <p>Set to 10 [volunteer work and job skills training] if np4P8_J4 and np4F8b_b = 1 and np4AnyTypePostSec and np4HadPdJob and ≠ 1 [youth did volunteer work in the last year and had job training since high school but did not have a paid job or attend any type of postsecondary school in the past 2 years]</p> <p>Set to 11 [employment, postsecondary and job training] if np4HadPdJob , np4AnyTypePostSec, and np4F8b_b = 1 and np4P8_J4 ≠ 1 [youth had a paid job in the last 2 years, attended any type of postsecondary school, including courses to earn a high school degree, in the last 2 years, and had job training since high school but did not do volunteer work in the last year]</p> <p>Set to 12 [volunteer, employment, and job training] if np4P8_J4, np4HadPdJob and np4F8b_b = 1 and</p>	

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D1—NLTS2 Wave 4 Parent/Youth Survey Part 1: Parent or Guardian

Across Sections and/or Waves: Created Variables				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
			<p>np4AnyTypePostSec \neq 1 [youth did volunteer work in the last year, had a paid job in the last 2 years, and had job training since high school but did not attend any type of postsecondary in the last 2 years]</p> <p>Set to 13 [volunteer, employment, and postsecondary] if</p> <p>np4P8_J4, np4AnyTypePostSec, and np4HadPdJob = 1 and np4F8b_b \neq 1 [youth did volunteer work in the last year, attended any type of postsecondary school, including courses to earn a high school degree, and had a paid job in the last 2 years but did not have job training since high school]</p> <p>Set to 14 [volunteer, postsecondary, and job training] if</p> <p>np4P8_J4, np4AnyTypePostSec, and np4F8b_b = 1 and np4HadPdJob \neq 1 [youth did volunteer work in the last year, attended any type of postsecondary school, including courses to earn a high school degree, in the last 2 years and had job training since high school but did not have a paid job in the last 2 years]</p> <p>Set to 15 [volunteer, employment, postsecondary and job training] if</p> <p>np4P8_J4, np4HadPdJob, np4AnyTypePostSec, and np4F8b_b = 1 [youth did volunteer work in the last year, had a paid job in the last 2 years, attended any type of postsecondary school, including courses to earn a high school degree, in the last 2 years, and had job training since high school]</p> <p>Set to .s [skipped] if</p> <p>W4Insch = 1 [youth in secondary school in this wave]</p> <p>np4F8b_b asked only respondents of youth who were out of secondary school a year or more</p>	
● np4WhenLeft	(created)	When youth left secondary school [parent/guardian report; youth report if parent/guardian data are missing]	<p>Numeric Variable Values</p> <p>1 Left within the last two years (2005-2006 or 2006-2007 school years)</p> <p>2 Left more than two years ago (2004-2005 school year or earlier)</p>	<p>Base</p> <p>Respondents with responses to items listed in notes</p> <hr/> <p>Variable Name by Wave</p> <p>1: [not created this wave] 4: np4WhenLeft</p> <p>2: [not created this wave] 5: np5WhenLeft</p>

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Across Sections and/or Waves: Created Variables				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
			<p>Notes</p> <p>Set to 1 [left within the last 2 years] if np2D3a is missing and either np4D3a = 1 or 2 or np4D3a is missing and np4P2b2 = 1 or 2 [youth left last or this school year, either 2005-2006 or 2006- 2007 school years]</p> <p>or</p> <p>W3InSchPar = 1 and either np4D3a = 1 or 2 or np4D3a is missing and np4P2b2 = 1, 2, or missing [youth was in secondary school in the prior wave and had left school last or this school year, 2005- 2006 or 2006-2007 school years, or when youth left is missing]</p> <p>or</p> <p>W3InSchPar = 0, np2D3a = 1-3, and either np4D3a = 1 or 2 or np4D3a is missing and np4P2b2 = 1 or 2 [left school in the prior wave; indicated at that time that youth had left the 2004-2005 school year or earlier in the prior wave but indicated in current wave that youth had left school last or this school year (2005-2006 or 2006-2007)]</p> <p>and either</p> <p>W1Drop = 1 [youth had dropped out (i.e. had not completed high school) in a prior wave]</p> <p>or</p> <p>np4Yage < 20 and W1GradCert ≠ 1 [youth is both younger than 20 years of age and had not graduated or received a certificate of completion in the prior wave]</p> <p>or</p> <p>W3InSchPar, np2D3a, np3D3a, np3P2b2, np4D3a, and np4P2b2 are missing, np4Yage < 20, and W1GradCert ≠ 1 [when youth left school is unknown, youth is younger than 20 years of age, and youth had not graduated or received a certificate of completion in the prior wave]</p> <p>Set to 2 [left more than 2 years ago] if either np4D3a = 3 or np4D3a is missing and np4P2b2 = 3 [youth left 2004-2005 school year or earlier]</p> <p>or</p>	3: np3WhenLeft

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D1—NLTS2 Wave 4 Parent/Youth Survey Part 1: Parent or Guardian

Across Sections and/or Waves: Created Variables				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
			<p>np4D3a and np4P2b2 are missing and either np2D3a = 1-3, np3D3a = 1-3, W1GradCert = 1, or W3InSchPar = 0 [no current wave data for when youth left school and either youth had left the 2004-2005 school year or earlier or youth had graduated, received a certificate of completion, or had left school in the prior wave]</p> <p>or</p> <p>W3InSchPar = 0, np2D3a = 1-3, np3D3a = 1-3, either np4D3a = 1 or 2 or np4D3a is missing and np4P2b2 = 1 or 2, and W1Drop ≠ 1 and either W1GradCert = 1 or np4Yage ≥ 20 [left school in a prior wave and indicated at that time that youth had left the 2004-2005 school year or earlier but indicated in current wave that youth had left school last or this school year (2005-2006 or 2006-2007), had not dropped out in a prior wave, and either youth had graduated or received a certificate of completion in a prior wave or is 20 years of age or older]</p> <p>or</p> <p>W2InSchPar, np2D3a, np3D3a, np3P2b2, np4D3a, and np4P2b2 are missing and np4Yage ≥ 20 [when youth left school is unknown and youth is 20 years of age or older]</p> <p>Set to .s [skipped] if W4InschPar = 1 [youth in secondary school in this wave]</p>	
● np4LvStatus	(created)	Secondary school leaving status as of current wave [parent/guardian report; youth report if parent/guardian data are missing]	<p>Numeric Variable Values</p> <p>1 Graduated</p> <p>2 Left voluntarily/dropped out</p> <p>3 Tested to get a diploma or received a certificate</p> <p>4 Temporarily suspended</p> <p>5 Permanently expelled</p> <p>6 Aged out/older than age limit</p> <p>7 Other reason</p> <p>Notes</p> <p>Set to 1 [graduated] if np4D3b = 1 [graduated] or np4D3b is missing and np4S1b = 1 [graduated]</p>	<p>Base</p> <p>Respondents with responses to items listed in notes</p> <p>Variable Name by Wave</p> <p>1: [not created this wave] 4: np4LvStatus 2: [not created this wave] 5: np5LvStatus 3: [W2/np3]LvStatus</p>

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D1—NLTS2 Wave 4 Parent/Youth Survey Part 1: Parent or Guardian

Across Sections and/or Waves: Created Variables				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
			or np4D3b and np4S1b are missing and W1Drop and np4S2d = 1 [dropped out in a prior wave but reported taking classes and receiving a high school diploma between the prior and current waves Set to 2 [left voluntarily/dropped out] if np4D3b = 3 [left/dropped out] or np4D3b is missing and np4S1b = 2 [left/dropped out] or np4D3b, np4S1b, and np4S2d are missing and W1Drop = 1 [no report of taking classes to earn a high school diploma and dropped out in a prior wave] Set to 3 [tested to get a diploma or certificate] if np4D3b = 2 [tested/received a certificate] or np4D3b is missing and np4S1b = 3 or 7 [tested to get a diploma or received a certificate] or np4D3b and np4S1b are missing, W1Drop = 1, and np4S2d = 2 [dropped out in a prior wave but reported taking classes and receiving a certificate of completion between the prior and current waves Set to 4 [temporarily suspended] if np4D3b = 4 [temporarily suspended] or np4D3b is missing and np4S1b = 4 [suspended] Set to 5 [permanently expelled] if np4D3b = 5 [permanently expelled] or np4D3b is missing and np4S1b = 5 [expelled] Set to 6 [aged out/older than age limit] if np4D3b = 6 [aged out/older than age limit] or np4D3b is missing and np4S1b = 6 [aged out] Set to 7 [other] if np4D3b = 7 [other]	
• W4LeaveHdr2007	(created)	Graduated for secondary school or tested/received a certificate versus dropped out or left for other reason [parent/guardian report; youth report if parent/guardian data are missing]	Numeric Variable Values 1 Graduated or received a certificate/tested to get diploma 2 Dropped out/left for other reason <hr/> Notes Set to 1 [graduated or received certificate/tested] if np4LvStatus = 1 or 3 [graduated from high school]	Base Respondents with responses to items listed in notes <hr/> Variable Name by Wave 1: [not created this wave] 2: W2LeaveHdr2003 4: W4LeaveHdr2007 3: W3LeaveHdr2005 5: W5LeaveHdr2009

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

D1—NLTS2 Wave 4 Parent/Youth Survey Part 1: Parent or Guardian

Across Sections and/or Waves: Created Variables					
Variable Name		Source	Variable Description	Variable Type and Values Notes: Assignments, Modifications, and/or Validations	Base: Which Respondents Asked Variable Name by Wave
				or received a certificate/tested to get diploma] Set to 2 [dropped out/left for other reason]if np4LvStatus = 2,4,5,6,7 [dropped out, temporarily suspended, permanently expelled, aged out, or other reason for leaving]	

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

Section A: Student Characteristics				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
● np4A6b	A6b	If youth is living with respondent, where respondent wants youth to live	<p>Numeric Variable Values</p> <p>1 Wants youth to be living there</p> <p>2 Wants youth to be living elsewhere</p>	<p>Base</p> <p>Asked parent/guardian respondents if np4Yage >= 19 [NOTE: Age condition not applicable; all youth older than 18 as of Wave 4] and either np4S11a/ np4S12a <= 6 and np4A6a_[01, 02 or 04] = 1 [respondent is parent, legal guardian, or foster parent and youth is living with parent, guardian or in foster care] or np4S11a/np4S12a = 7-9 and np4A6a_[02 or 03] = 1 [respondent is other family member and youth is living with legal guardian or relative other than spouse or parent]</p> <hr/> <p>Variable Name by Wave</p> <p>1: [not asked this wave] 4: np4A6b 2: np2A6b 5: [not asked this wave] 3: np3A6</p>
● np4A6b1	A6b1	Youth is currently living in a foster care arrangement	<p>Numeric Variable Values</p> <p>1 Yes</p> <p>0 No</p> <hr/> <p>Notes</p> <p>Set to 1 [yes] if np4A6a_04 = 1 [lives in foster care]</p> <p>Set to 0 [no] if np4A6b1 is missing and np4A6a_04 = 0 [does not live in foster care]</p>	<p>Base</p> <p>Asked parent/guardian respondents if np4A6a_[02 or 03] = 1 and np4A6a_04 ≠ 1 [youth lives with a legal guardian or relative and did not indicate foster care]</p> <hr/> <p>Variable Name by Wave</p> <p>1: np1A5e 4: np4A6b1 2: np2A6b 5: [not asked this wave] 3: np3A6b1</p>
● np4A6b2	Calculated	Number of months youth has lived in foster care	<p>Numeric Variable Values</p> <p>Number of months</p> <hr/> <p>Notes</p> <p>Respondent reported the amount in a metric of his/her choice; item calculated as a single metric (months)</p> <p>If metric = [metric] then months calculated as number of</p> <p style="padding-left: 40px;">Weeks ÷ 4.3</p> <p style="padding-left: 40px;">[months = weeks divided by 4.3]</p> <p style="padding-left: 40px;">Months</p> <p style="padding-left: 40px;">[months = number of months]</p> <p style="padding-left: 40px;">Years X 12</p> <p style="padding-left: 40px;">[months = years multiplied by 12]</p>	<p>Base</p> <p>Asked parent/guardian respondents if np4A6a_04 = 1 or np4A6b1 = 1 [youth lives in foster care]</p> <hr/> <p>Variable Name by Wave</p> <p>1: np1A5f 4: np4A6b2 2: np2A6b2 5: [not asked this wave] 3: np3A6b2</p>

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Variable names in instrument order; see Appendix B for alphabetic index of variable names. Grey text indicates no data for this item.

Section A: Student Characteristics				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
● np4A6f	(calculated)	Number of months youth lived in foster care	<p>Numeric Variable Values Number of months</p> <hr/> <p>Notes Respondent reported the amount in a metric of his/her choice; item calculated as a single metric (months) If Metric = [metric] then number of months calculated as number of Weeks ÷ 4.3 [months = weeks divided by 4.3] Months [months = number of months] Years X 12 [months = years multiplied by 12]</p>	<p>Base Asked parent/guardian respondents if np4A6d_04 = 1 [lived in foster care] or np4a6e = 1 [youth lived in a foster care arrangement]</p> <hr/> <p>Variable Name by Wave 1: [not asked this wave] 4: np4A6f 2: np2A6f 5: [not asked this wave] 3: np3A6f</p>

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Variable names in instrument order; see Appendix B for alphabetic index of variable names. Grey text indicates no data for this item.

Section A: Student Characteristics Created Variables				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
			race/ethnicity, not Hispanic, and no more than one race/ethnicity indicated]	
● np4A3b_06	(created)	Hispanic, Latino or Spanish origin	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <p>Notes np4A3b_06 is a flag created for respondents who said yes to A3a [Hispanic, Latino, or Spanish origin] and answered the same in other specify verbatim response. If only Hispanic, Latino, or Spanish origin mentioned, i.e. did not specify a race/ethnicity, np4A3b_06 = 1 [other]</p>	<p>Base Parent/guardian respondents with responses to items listed in notes</p> <hr/> <p>Variable Name by Wave</p> <p>1: np1A3b_06 4: np4A3b_06 2: np2A3b_06 5: [not created this wave] 3: np3A3b_06</p>
● np4CombEth	(created)	District reported race/ethnicity with parent report substituted if district information missing	<p>Numeric Variable Values</p> <p>1 White 2 African American/black 3 Hispanic 4 Asian/Pacific Islander 5 American Indian/Alaska Native 6 Other/multiple</p> <p>Notes Set to value of [np1/np2/np3]Combeth [district designated race/ethnicity or parent designated race/ethnicity if district data are missing] if there are data for a prior wave interview Set to 6 [other/multiple] if [np1/np2/np3]Combeth is missing and more than one of np4A3b_01, np4A3b_02, [np4A3b_04 or np4A3b_05], np4A3b_03, np4A3b_91 is yes [some combination of white, African American/Black, American Indian/Alaskan Native, Asian/Pacific Islander, and/or other race/ethnicity] Set to 3 [Hispanic] if np4A3a = 1 and only one item is yes in np4A3b [Hispanic, Latino, or Spanish origin and no more than one race/ethnicity indicated] Set to 1 if np4A3b_01 = 1, np4A3a ≠ 1, and only one item is yes in np4A3b [white, not Hispanic, and no more than one race/ethnicity indicated] Set to 2 if np4A3b_02 = 1, np4A3a ≠ 1, and only</p>	<p>Base All parent/guardian respondents</p> <hr/> <p>Variable Name by Wave</p> <p>1: np1CombEth 4: np4CombEth 2: np2CombEth 5: [not created this wave] 3: np3CombEth</p>

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Variable names in instrument order; see Appendix B for alphabetic index of variable names. Grey text indicates no data for this item.

Section A: Student Characteristics Created Variables				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
			one item is yes in np4A3b [Black/African American, not Hispanic, and no more than one race/ethnicity indicated] Set to 4 if np4A3b_04 or np4A3b_05 = 1, np4A3a ≠ 1, and only one item is yes in np4A3b [Asian/Pacific Islander, not Hispanic, and no more than one race/ethnicity indicated] Set to 5 if np4A3b_03 = 1 and only one item is yes in np4A3b [Native American or Alaska Native, not Hispanic, and no more than one race/ethnicity indicated] Set to 6 if np4A3b_91 = 1, np4A3a ≠ 1, and only one item is yes in np4A3b [other race/ethnicity, not Hispanic, and no more than one race/ethnicity indicated]	

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

Section B: Disability Characteristics				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
● np4B1a1	B1a1	Youth has been diagnosed with ADD/ADHD	Numeric Variable Values 1 Yes 0 No	Base Limited to parent/guardian respondents where np4HasW1Data = 0 [Wave 4 only parent/guardian respondents, no prior wave interview data] or prior wave data are missing for this item Variable Name by Wave 1: np1B1a1 4: np4B1a1 2: np2B1a1 5: np5B1a1 3: np3B1a1
● np4B1a_...[00-21, 42, 54]	B1a (0-21, 42)	Youth has been diagnosed with what physical, sensory, learning, or other disabilities	Numeric Variable Values 1 Yes 0 No	Base Limited to parent/guardian respondents where np4HasW1Data = 0 [Wave 4 only respondents, no prior wave interview data] Variable Name by Wave 1: np1B1a_[00-20, 91] 4: np4B1a_[00-21,42,54] 2: np2B1a_[00-21, 42, 54] 5: np5B1a_[00-21,42,54] 3: np3B1a_[00-21, 42, 54]
np4B1a_00		No problem/disability/not getting special service	Notes Set to value of W1B1a_[00-20, 42, 54, 91] if there are data from a prior wave Interview CATI auto code district designated disability confirmed in np4B1c and set np4B1a_00 to no if np4B1a_00 ≠ 0 [respondent did not initially indicate a disability but later confirmed a district designated disability in np4B1C[a-c] Set np4B1a_01-np4B1a_21 to .s [special missing, skipped] if np4B1a_00 = 1 [does not have a problem or disability/not getting special services] CATI auto code np4B1a_02 to 1 if np4B1a1 = 1 [youth diagnosed with AD/HD] Visual impairment collapsed to include partial sight and blindness. Set np4B1a_19 to 1 [visual impairment] if np4B1a_04 = 1 [blind] Hearing impairment collapsed to include hard of hearing and deafness. Set np4B1a_11 to 1 [hearing impairment] if np4B1a_06 = 1 [deafness]. Health impairment collapsed to include asthma and	
np4B1a_01	Asthma			
np4B1a_02	Attention Deficit Disorder (ADD/ADHD)			
np4B1a_03	Autism or Aspergers			
np4B1a_04	Complete blindness			
np4B1a_05	Cerebral palsy			
np4B1a_06	Deafness			
np4B1a_07	Deafness and blindness			
np4B1a_08	Down syndrome			
np4B1a_09	Dyslexia			
np4B1a_10	Emotional disturbance or behavior disorder			
np4B1a_11	Hearing impairment/hard of hearing			
np4B1a_12	Health impairment			
np4B1a_13	Learning disability/learning handicap			
np4B1a_14	Mental retardation			
np4B1a_15	Physical or orthopedic impairment			
np4B1a_16	Speech or communication impairment			
np4B1a_17	Spina bifida			
np4B1a_18	Traumatic brain injury			
np4B1a_19	Visual impairment			
np4B1a_20	Developmental delay			
np4B1a_42	Multiple disabilities			
np4B1a_54	(coded) Seizure disorder, epilepsy			
np4B1a_21	Diagnosed with other disorder			

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

Section B: Disability Characteristics				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
			AD/HD. Set np4B1a_12 to 1 [health impairment] if np4B1a_01 or np4B1a_02 = 1 [asthma or AD/HD] Learning disability collapsed to include dyslexia. Set np4B1a_13 to 1 [learning disability] if np4B1a_09 = 1 [dyslexia] Mental retardation collapsed to include Downs Syndrome. Set np4B1a_14 to 1 [mental retardation] if np4B1a_08 = 1 [Downs syndrome] Physical or orthopedic impairment collapsed to include cerebral palsy and spina bifida. Set np4B1a_15 to 1 [physical or orthopedic impairment] if np4B1a_05 or np4B1a_17 = 1 [cerebral palsy or spina bifida] Text from other specify recoded into existing categories; np4B1a_54 created as a result of coding verbatim responses	

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

Section B: Disability Characteristics					
Variable Name	Source	Variable Description	Variable Type and Values		Base: Which Respondents Asked Variable Name by Wave
			Notes: Assignments, Modifications, and/or Validations		
● np4B2b	B2b	Youth had changes in vision, hearing, speaking, communication, or physical abilities in the past two years	Numeric Variable Values 1 Yes 0 No Notes Item added in Wave 4		Base Asked parent/guardian if np4HasW1Data = 1 [had prior wave interview] Variable Name by Wave 1: [not asked this wave] 4: np4B2b 2: [not asked this wave] 5: np5B2b 3: [not asked this wave]
● np4B2c_...[01-04]	B2c (1-4)	In the past two years, youth had changes in	Numeric Variable Values 1 Yes 0 No Notes Set to 0 [no change] if np4B2b = 0 [no change in vision, hearing, speech/communication, or physical abilities in past 2 years] Item added in Wave 4		Base Asked parent/guardian if np4HasW1Data and np4B2b = 1 [had prior wave interview and had changes in abilities in the past two years] Variable Name by Wave 1: [not asked this wave] 4: np4B2c_[01-04] 2: [not asked this wave] 5: np5B2c_[01-04] 3: [not asked this wave]
	np4B2c_01 Vision				
	np4B2c_02 Hearing				
	np4B2c_03 Speaking or communication abilities				
	np4B2c_04 Physical abilities				
● np4B3a	B3a	Youth has glasses or contacts	Numeric Variable Values 1 Yes 0 No Notes Set to value of np3B3a [most recent wave value] if np4B2c_01 = 0 [no change in vision in past 2 years]		Base Asked parent/guardian if np4HasW1Data = 0 or np4B2c_01 = 1 [had no prior wave interview or has changes in vision in the past two years] Variable Name by Wave 1: np1B3a 4: np4B3a 2: np2B3a 5: np5B3a 3: np3B3a
● np4B3b	B3b	How well youth sees with corrective lenses	Numeric Variable Values 1 Sees normally 2 Has a little trouble seeing 3 Has a lot of trouble seeing Notes Set to value of np3B3b [most recent wave value] if np4B2c_01 = 0 [no change in vision in past two years] Set to .a [special missing, not applicable] if np4B3b = 4 or 5 [does not have glasses, lost them, or will not wear them]		Base Asked parent/guardian respondents if np4HasW1Data = 0 or np4B2c_01 = 1 [had no prior wave interview or has changes in vision in the past two years] and np4B3a = 1 [youth wears contacts or glasses] Variable Name by Wave 1: np1B3b 4: np4B3b 2: np2B3b 5: np5B3b 3: np3B3b

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

Section B: Disability Characteristics					
Variable Name	Source	Variable Description	Variable Type and Values		Base: Which Respondents Asked Variable Name by Wave
			Notes: Assignments, Modifications, and/or Validations		
● np4B4e	B4e	Youth has a cochlear implant	Numeric Variable Values 1 Yes 0 No Notes Set to value of np3B4e [most recent wave value] if np4B2c_02 = 0 [no change hearing in past two years]		Base Asked parent/guardian respondents if np4HasW1Data = 0 or np4B2c_02 = 1 [had no prior wave interview or has changes in hearing in past two years] and np4B4a = 2 [confirmed a hearing impairment]
● np4B4f	(not asked)	How well youth with a hearing impairment communicates	Numeric Variable Values NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM 1 No trouble communicating 2 A little trouble communicating 3 A lot of trouble communicating 4 Does not communicate at all		Base NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM Variable Name by Wave 1: np1B4f 4: [not asked this wave] 2: np2B4f 5: [not asked this wave] 3: np3B4f
● np4B4g_[a-f]	(not asked)	Ways that youth with a hearing impairment may communicate	Numeric Variable Values NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM 1 Yes 0 No		Base NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM Variable Name by Wave 1: np1B4g_[a-f] 4: [not asked this wave] 2: np2B4g_[a-f] 5: [not asked this wave] 3: np3B4g_[a-f]
	np4B4g_a	Sign language			
	np4B4g_b	Lip reading			
	np4B4g_c	Cued speech			
	np4B4g_d	oral speech			
	np4B4g_e	A communication board or book			
	np4B4g_f	Other			
● np4B4h	(not asked)	How clearly youth with a hearing impairment speaks	Numeric Variable Values NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM 1 Has no trouble speaking clearly 2 Has a little trouble speaking 3 Has a lot of trouble speaking 4 Does not speak at all		Base NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM Variable Name by Wave 1: np1B4h 4: [not asked this wave] 2: np2B4h 5: [not asked this wave] 3: np3B4h

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

Section B: Disability Characteristics					
Variable Name	Source	Variable Description	Variable Type and Values		Base: Which Respondents Asked Variable Name by Wave
			Notes: Assignments, Modifications, and/or Validations		
● np4B6c2	B6C2	How well youth uses hands and feet	Numeric Variable Values 1 Normal usage 2 Have a little trouble using one or both 3 Have a lot of trouble using one or both 4 Have no use at all of one or both <hr/> Notes Question modified in Wave 4 to include normal usage Codes changed in Wave 4 Calculate value from np3B6c1/np3B6c2 [most recent wave value] if np4B2c_04 = 0 [no change physical abilities in past two years]		Base Asked parent/guardian respondents if np4HasW1Data = 0 or np4B2c_04 = 1 [had no prior wave interview or has changes in physical abilities in the past two years] <hr/> Variable Name by Wave <i>Please note: Items in italics are similar to but not exactly the same as Wave 4 item</i> 1: np1B6c2 4: np4B6c2 2: np2B6c2 5: np5B6c2 3: np3B6c2
● np4B6d	(not asked)	Youth uses mobility equipment to help get around, such as crutches, a walker, or a wheelchair	Numeric Variable Values NOT ASKED THIS WAVE 1 Yes 0 No		Base NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM <hr/> Variable Name by Wave 1: np1B6d 4: [not asked this wave] 2: np2B6d 5: [not asked this wave] 3: np3B6d
● np4B6e_...[01-07]	(not asked)	Equipment youth uses to get around	Numeric Variable Values NOT ASKED THIS WAVE 1 Yes 0 No		Base NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM <hr/> Variable Name by Wave 1: np1B6e_[01-05, 91] 4: [not asked this wave] 2: np2B6e_[01-07] 5: [not asked this wave] 3: np3B6e_[01-07]
		np4B6e_01 Crutches			
		np4B6e_02 Walker			
		np4B6e_03 Leg braces			
		np4B6e_04 Wheelchair			
		np4B6e_05 Cane			
		np4B6e_06 Ankle/foot orthotics			
		np4B6e_07 Other			
● np4B7a	B7a	Status of youths general health	Numeric Variable Values 1 Excellent health 2 Very good health 3 Good health 4 Fair health 5 Poor health		Base All parent/guardian respondents <hr/> Variable Name by Wave 1: np1B7a 4: np4B7a 2: np2B7a 5: np5B7a 3: np3B7a

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

Section B: Disability Characteristics				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
● np4B7f	(not asked)	Youth uses medical equipment or device	Numeric Variable Values NOT ASKED THIS WAVE 1 Yes 0 No	Base NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM Variable Name by Wave 1: np1B7f 2: np2B7f 3: np3B7f 4: [not asked this wave] 5: [not asked this wave]
● np4B7g_...[01-09]	(not asked)	Medical equipment or device used	Numeric Variable Values NOT ASKED THIS WAVE 1 Yes 0 No	Base NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM Variable Name by Wave 1: np1B7g_[01-08, 91] 2: np2B7g_[01-09] 3: np3B7g_[01-09] 4: [not asked this wave] 5: [not asked this wave]
		np4B7g_01 Catheter		
		np4B7g_02 Feeding tube/G-tube		
		np4B7g_03 Heart monitor/pacemaker		
		np4B7g_04 Nebulizer		
		np4B7g_05 Oxygen tank		
		np4B7g_06 Respirator		
		np4B7g_07 Ventilator		
		np4B7g_08 Other medical equipment/device		
		np4B7g_09 Other breathing devices		
● np4B7i	(not asked)	Uses any other special equipment or devices	Numeric Variable Values NOT ASKED THIS WAVE 1 Yes 0 No	Base NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM Variable Name by Wave 1: np1B7h 2: np2B7i 3: np3B7i 4: [not asked this wave] 5: [not asked this wave]
● np4B7j	(not asked)	Other special equipment or devices used	Numeric Variable Values NOT ASKED THIS WAVE 1 Protective helmet 2 Computer 3 Calculator 4 Other	Base NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM Variable Name by Wave 1: np1B7i_[01-03, 91] 2: np2B7j 3: np3B7j 4: [not asked this wave] 5: [not asked this wave]

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

Section B: Disability Characteristics Created Variables				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
● np4B7d_Cat...[1-6]	(created)	Type of medication youth takes for attention, behavior, activity level, or mood	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p>	<p>Base Parent/guardian respondents with responses to items listed in notes</p>
np4B7d_Cat1	Youth takes stimulants		<p>Notes</p> <p>Initialized to 0 [do not take this type of medication] if any values in np4B7d_[01-86, 90-99]</p> <p>Set np4B7d_Cat1 to 1 [stimulants] if np4B7d_[02, 26, 27, 29, 78, 79, or 97] = 1 [respondent indicated one or more stimulant medications] or np4B7e_01 = 1 [medications taken for attention, behavior or activity level]</p> <p>Set np4B7d_Cat2 to 1 [antidepressant or anti-anxiety medications] if np4B7d_[01, 03-09, 11-16, 18-20, 24, 28, 32-37, 39, 40, 42, 44, 45, 47, 49, 52, 53, 56, 59, 60, 62-64, 67, 69, 71, 73, 74, 76, 77, 84, 91, 94, or 96] = 1 [respondent indicated one or more antidepressant or anxiety medications or np4B7e_02 = 1 [medications taken for emotions]</p> <p>Set np4B7a_Cat3 to 1 [mood stabilizing medications] if np4B7d_[23, 31, 38, or 95] = 1 [respondent indicated one or more mood stabilizing medications] or np4B7e_03 = 1 [medications taken for mood]</p> <p>Set np4B7d_Cat4 to 1 [antipsychotic medications] if np4B7d_[21, 25, 30, 41, 46, 51, 54, 55, 58, 61, 65, 68, 70, 72, 75, 85, 86, or 93] = 1 [respondent indicated one more antipsychotic medications]</p> <p>Set np4B7d_Cat5 to 1 [seizure medications] if np4B7d_[10, 17, 43, 48, 50, 66, 80-83, or 90] = 1 [respondent indicated one or more seizure medications]</p> <p>Set np4B7d_Cat6 to 1 [other] if np4B7d_[92, 98, or 99] = 1 [respondent indicated one or more "other" type of medications for attention, behavior, activity level, or mood]</p>	<p>Variable Name by Wave</p> <p>1: np1B7d_Cat_[1-6] 4: np4B7d_Cat_[1-6] 2: np2B7d_Cat_[1-6] 5: [not created this wave] 3: np3B7d_Cat_[1-6]</p>
np4B7d_Cat2	Youth takes antidepressant or anti-anxiety medication			
np4B7d_Cat3	Youth takes mood stabilizers			
np4B7d_Cat4	Youth takes antipsychotic medication			
np4B7d_Cat5	Youth takes seizure medication			
np4B7d_Cat6	Youth takes other medications for attention, behavior, activity level, or mood			

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

Section B: Disability Characteristics Created Variables				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
• np4AppendageUse	(collapsed)	How well youth uses his hands, feet, arms, and legs	<p>Numeric Variable Values</p> <p>0 Normal usage</p> <p>1 Have a little trouble using one or both</p> <p>2 Have a lot of trouble using one or both</p> <p>3 Have no use at all of one or both</p> <hr/> <p>Notes</p> <p>Set to 3 (does not have use of one or more appendages) if any np4[B6a2/B6c2] = 3 (has no use of one or both arms and/or legs)</p> <p>Set to 2 (has a lot of trouble using one or more appendages) if any np4[B6a2/B6c2] = 2 (has a lot of trouble using one or both arms and/or legs)</p> <p>Set to 1 (has a little trouble using one or more appendages) if any np4[B6a2 /B6c2] = 1 (has a little trouble using one or both arms and/or legs)</p> <p>Set to 0 (normal usage of appendages) if any np4[B6a2/B6c2] = 0 (has no trouble using arms and legs)</p> <p>Set to value of np3AppendageUse if np4[B6a2/B6c2] missing.</p> <p>np3AppendageUse created using np3[B6a2./B6b2/B6c2] in Wave 3</p> <p>np4B6b2 not asked this wave and np4[B6a2/B6c2] asked of only those with a reported change in physical functioning or no prior wave data</p>	<p>Base</p> <p>Parent/guardian respondents with responses to items listed in notes</p> <hr/> <p>Variable Name by Wave</p> <p>1: [not created this wave] 4: np4AppendageUse</p> <p>2: [not created this wave] 5: np5AppendageUse</p> <p>3: np3AppendageUse</p>

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Section B: Disability Characteristics Created Variables				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
• np4ConvAbil	(collapsed)	How well youth is able to converse	<p>Numeric Variable Values</p> <p>1 Has no trouble conversing</p> <p>2 Has a little trouble conversing</p> <p>3 Has a lot of trouble conversing</p> <p>4 Does not converse at all</p> <hr/> <p>Notes</p> <p>Set to 4 (does not converse at all) if np4B5d = 4 (does not converse at all)</p> <p>Set to 3 (has a lot of trouble conversing) if np4B5d = 3 (has a lot of trouble conversing)</p> <p>Set to 2 (has a little trouble conversing) if np4B5d = 2 (has a little trouble conversing)</p> <p>Set to 1 (has no trouble conversing) if np4B5d = 1 (has no trouble conversing)</p> <p>Set to value of np3ConvAbil if np4B5d is missing [np3ConvAbil created using np3[B4i /B5d] in Wave 3 np4B4i not asked this wave and np4B5d asked of only those with a reported change in communication ability or no prior wave data</p>	<p>Base</p> <p>Parent/guardian respondents with responses to items listed in notes</p> <hr/> <p>Variable Name by Wave</p> <p>1: [not created this wave] 4: np4ConvAbil</p> <p>2: [not created this wave] 5: np5ConvAbil</p> <p>3: [not created this wave]</p>
• np4ConvProb	(collapsed)	Youth has trouble conversing	<p>Numeric Variable Values</p> <p>1 Yes</p> <p>0 No</p> <hr/> <p>Notes</p> <p>Set to 1 (yes) if np4ConverseAbil = 3-4 (has a little trouble, a lot of trouble, or does not converse at all)</p> <p>Set to 0 (no) if np4ConverseAbil = 1 (has no trouble conversing)</p>	<p>Base</p> <p>Parent/guardian respondents with responses to items listed in notes</p> <hr/> <p>Variable Name by Wave</p> <p>1: [not created this wave] 4: np4ConvProb</p> <p>2: [not created this wave] 5: np5ConvProb</p> <p>3: [not created this wave]</p>

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

Section B: Disability Characteristics Created Variables				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
• np4HealthProb	(collapsed)	Youth has a reported health problem	<p>Numeric Variable Values 1 Yes 0 No</p> <p>Notes Set to 1 (yes) if np4Q1_B7a = 4 or 5 (youth is reportedly in fair or poor health) Set to 0 (no) if np4Q1_B7a = 1-3 (youth is reportedly in excellent, very good, or good health) If youth surveyed, set combined item to youth value; else set combined to parent/guardian value</p>	<p>Base Parent/guardian and youth respondents with responses to items listed in notes</p> <p>Variable Name by Wave 1: [not created this wave] 4: np4HealthProb 2: [not created this wave] 5: np5HealthProb 3: [not created this wave]</p>
• np4NbrProbs	(collapsed)	Number of reported problems with hearing, speaking, conversing, understanding, appendage usage or health	<p>Numeric Variable Values Number of problems reported</p> <p>Notes Set to sum of np4VisualProb, np4SpeakProb, np4ConvProb, np4UndStndProb, np4PhysProb, np4HealthProb (number or problems reported)</p>	<p>Base Parent/guardian respondents with responses to items listed in notes</p> <p>Variable Name by Wave 1: [not created this wave] 4: np4NbrProbs 2: [not created this wave] 5: np5NbrProbs 3: [not created this wave]</p>
• np4PhysProb	(collapsed)	Youth has trouble using hands, arms, legs, and/or feet	<p>Numeric Variable Values 1 Yes 0 No</p> <p>Notes Set to 1 (yes) if np4AppendageUse = 1-3 (has a little trouble, a lot of trouble, or does not have use of one or more arms and/or legs) Set to 0 (no) if np4AppendageUse = 0 (has no trouble using arms and legs)</p>	<p>Base Parent/guardian respondents with responses to items listed in notes</p> <p>Variable Name by Wave 1: [not created this wave] 4: np4PhysProb 2: [not created this wave] 5: np5PhysProb 3: [not created this wave]</p>

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Section B: Disability Characteristics Created Variables				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
• np4SpeakAbil	(collapsed)	How clearly youth speaks	<p>Numeric Variable Values</p> <p>1 Has no trouble speaking</p> <p>2 Has a little trouble speaking</p> <p>3 Has a lot of trouble speaking</p> <p>4 Does not speak at all</p> <hr/> <p>Notes</p> <p>Set to 4 (does not speak at all) if np4B5a = 4 (does not speak at all)</p> <p>Set to 3 (has a lot of trouble speaking) if np4B5a = 3 (has a lot of trouble speaking)</p> <p>Set to 2 (has a little trouble speaking) if np4B5a = 2 (has a little trouble speaking)</p> <p>Set to 1 (has no trouble speaking) if np4B5a = 1 (has no trouble speaking)</p> <p>Set to value of np3SpeakAbil if np4B5a is missing np3SpeakAbil created using np3[B4h/B5a] in Wave 3 np4B4h not asked this wave and np4B5a asked of only those with a reported change in communication ability or no prior wave data</p>	<p>Base</p> <p>Parent/guardian respondents with responses to items listed in notes</p> <hr/> <p>Variable Name by Wave</p> <p>1: [not created this wave] 4: np4SpeakAbil</p> <p>2: [not created this wave] 5: np5SpeakAbil</p> <p>3: [not created this wave]</p>
• np4SpeakProb	(collapsed)	Youth has trouble speaking	<p>Numeric Variable Values</p> <p>1 Yes</p> <p>0 No</p> <hr/> <p>Notes</p> <p>Set to 1 (yes) if np4SpeakAbil = 3-4 (has a little trouble, a lot of trouble, or does not speak at all)</p> <p>Set to 0 (no) if np4SpeakAbil = 1 (has no trouble speaking)</p>	<p>Base</p> <p>Parent/guardian respondents with responses to items listed in notes</p> <hr/> <p>Variable Name by Wave</p> <p>1: [not created this wave] 4: np4SpeakProb</p> <p>2: [not created this wave] 5: np5SpeakProb</p> <p>3: [not created this wave]</p>

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

Section B: Disability Characteristics Created Variables				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
• np4UndStndAbil	(collapsed)	How well youth is able to understand what people say	<p>Numeric Variable Values</p> <p>1 Has no trouble understanding</p> <p>2 Has a little trouble understanding</p> <p>3 Has a lot of trouble understanding</p> <p>4 Does not understand at all</p> <hr/> <p>Notes</p> <p>Set to 4 (does not understand at all) if np4B5e = 4 (does not understand at all)</p> <p>Set to 3 (has a lot of trouble understanding) if np4B5e = 3 (has a lot of trouble understanding)</p> <p>Set to 2 (has a little trouble understanding) if p4B5e = 2 (has a little trouble understanding)</p> <p>Set to 1 (has no trouble understanding) if np4B5e = 1 (has no trouble understanding)</p> <p>Set to value of np3UndStndAbil if np4B5e missing [np3UndStndAbil created using np3[B4j/B5e] in Wave 3</p> <p>np4B4j not asked this wave and np4B5e asked of only those with a reported change in communication ability or no prior wave data</p>	<p>Base</p> <p>Parent/guardian respondents with responses to items listed in notes</p> <hr/> <p>Variable Name by Wave</p> <p>1: [not created this wave] 4: np4UndStndAbil</p> <p>2: [not created this wave] 5: np5UndStndAbil</p> <p>3: [not created this wave]</p>
• np4UndStndProb	(collapsed)	Youth has trouble understanding what people say	<p>Numeric Variable Values</p> <p>1 Yes</p> <p>0 No</p> <hr/> <p>Notes</p> <p>Set to 1 (yes) if np4UndStndAbil = 3-4 (has a little trouble, a lot of trouble, or does not understand at all)</p> <p>Set to 0 (no) if np4UndStndAbil = 1 (has no trouble understanding)</p>	<p>Base</p> <p>Parent/guardian respondents with responses to items listed in notes</p> <hr/> <p>Variable Name by Wave</p> <p>1: [not created this wave] 4: np4UndStndProb</p> <p>2: [not created this wave] 5: np5UndStndProb</p> <p>3: [not created this wave]</p>

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

Section B: Disability Characteristics Created Variables				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
• np4Vision	(collapsed)	How clearly youth sees with or without glasses	<p>Numeric Variable Values</p> <p>1 Has no trouble seeing</p> <p>2 Has a little trouble seeing</p> <p>3 Has a lot of trouble seeing</p> <p>4 Does not see at all</p> <hr/> <p>Notes</p> <p>Set to 4 (does not see at all) if np4B3b or np4B3c = 4 (does not see at all)</p> <p>Set to 3 (has a lot of trouble seeing) if np4B3b or np4B3c = 3 (seeing a lot of trouble seeing)</p> <p>Set to 2 (has a little trouble seeing) if np4B3b or np4B3c = 2 (has a little trouble seeing)</p> <p>Set to 1 (has no trouble seeing) if np4B3b or np4B3c = 1 (has no trouble seeing)</p> <p>Set to value of np3Vision if np4B3b/np4B3c missing [np4B3b and np4B3c asked of only those with a reported change in vision or no prior wave data]</p>	<p>Base</p> <p>Parent/guardian respondents with responses to items listed in notes</p> <hr/> <p>Variable Name by Wave</p> <p>1: [not created this wave] 4: np4Vision</p> <p>2: [not created this wave] 5: np5Vision</p> <p>3: [not created this wave]</p>
• np4VisualProb	(collapsed)	Parent/guardian reported that youth has a visual problem	<p>Numeric Variable Values</p> <p>1 Yes</p> <p>0 No</p> <hr/> <p>Notes</p> <p>Set to 1 if np4Vision > 1 (has a little trouble seeing, a lot of trouble seeing, or does not see at all)</p> <p>Set to 0 if np4Vision = 1 (sees normally)</p>	<p>Base</p> <p>Parent/guardian respondents with responses to items listed in notes</p> <hr/> <p>Variable Name by Wave</p> <p>1: [not created this wave] 4: np4VisualProb</p> <p>2: [not created this wave] 5: np5VisualProb</p> <p>3: [not created this wave]</p>

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

Section C: Health Insurance					
Variable Name	Source	Variable Description	Variable Type and Values		Base: Which Respondents Asked Variable Name by Wave
			Notes: Assignments, Modifications, and/or Validations		
● np4C6	C6	Had to change or add insurance for special needs	<p>Numeric Variable Values 1 Yes 0 No</p> <p>Notes Set to 0 [no] if np4HasW1Data = 0 [W4 only respondent] and either NoDisab = 1 [no confirmed disability] or LDSPOnly = 1 and np4B7a = 1 or 2 [respondent confirmed only speech impairment and/or learning disability and indicated that youth is in excellent or very good health] Set to value of [np1/np2/np3]C6 if there are data from a prior Wave interview</p>		<p>Base Limited to parent/guardian respondents where np4HasW1Data = 0 [W4 only respondents, no prior wave interview data] Asked these respondents if or np4A6a_[05, 06, 09, 16] ≠ 1 [youth is living somewhere other than on his/her own, with a spouse, roommate, or in job or military housing] and np4B7a ≠ 1 or 2 and LDSPOnly = 0 [respondent did not report that youth was in excellent or very good health and youth is identified as something other than LD or speech] Base increased and decreased by assignments as noted</p> <p>Variable Name by Wave 1: np1C6 2: np2C6 3: np3C6 4: np4C6 5: [not asked this wave]</p>
● np4C7a	C7a	Insurance plan has refused to pay for something related to youth's special needs in the last 2 years	<p>Numeric Variable Values 1 Yes 0 No</p> <p>Notes Set to 0 [no] if np4HasW1Data = 0 and NoDisab = 1 [W4 only respondent and no confirmed disability]</p>		<p>Base Limited to parent/guardian respondents where np4HasW1Data = 0 [W4 only respondents, no prior wave interview data] Asked these respondents if or np4A6a_[05, 06, 09, 16] ≠ 1 [youth is living somewhere other than on his/her own, with a spouse, roommate, or in job or military housing] and np4B7a ≠ 1 or 2 and LDSPOnly = 0 [respondent did not report that youth was in excellent or very good health and youth is identified as something other than LD or speech] Base modified by assignments as noted</p> <p>Variable Name by Wave 1: np1C7a 2: np2C7a 3: np3C7a 4: np4C7a 5: [not asked this wave]</p>
● np4C7b_...[01-10]	C7b (1-10)	Insurance plan refused to pay for youth's	<p>Numeric Variable Values 1 Yes 0 No</p>		<p>Base Limited to parent/guardian respondents where np4HasW1Data = 0 [W4 only respondents, no prior wave interview data]</p>
np4C7b_01	Diagnostic procedures				
np4C7b_02	Medication				

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Section C: Health Insurance				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
np4C7b_03	Mental health services	<p>Notes Text from other specify recoded into existing categories</p>		<p>wave interview data]</p> <p>Asked these respondents if or np4A6a_[05, 06, 09, 16] ≠ 1 [youth is living somewhere other than on his/her own, with a spouse, roommate, or in job or military housing]; np4B7a ≠ 1 or 2 and LDSpOnly = 0 [respondent did not report that youth was in excellent or very good health and youth is identified as something other than LD or speech]; and np4C7a = 1 [insurance refused to pay for something related to youth's special needs]</p> <hr/> <p>Variable Name by Wave 1: np1C7b_[01-09, 91] 4: np4C7b_[01-10] 2: np2C7b_[01-10] 5: [not asked this wave] 3: np3C7b_[01-10]</p>
np4C7b_04	Specialists			
np4C7b_05	Special equipment devices/medical equipment			
np4C7b_06	Surgery			
np4C7b_07	Educational therapy			
np4C7b_08	Other therapy services			
np4C7b_09	Alternative therapies			
np4C7b_10	Insurance refused to pay for other service or need			

Section C: Health Insurance Created Variables				
•	None			

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

Section D: School Experiences				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
			Set np4D1b to 12 if np4D2b = 4 [correctional/juvenile justice facility] Set np4D1b to 11 if np4D2b = 5 [mental health facility] Text from other specify recoded into existing categories	
● np4D1c	(not asked)	This was the first year youth attended this secondary school	Numeric Variable Values NOT ASKED THIS WAVE 1 Yes 0 No	Base NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM Variable Name by Wave 1: np1D1c 4: [not asked this wave] 2: np2D1c 5: [not asked this wave] 3: [not asked this wave]
● np4D1d_...[01-08]	(not asked)	Reason youth went to a new secondary school this year	Numeric Variable Values NOT ASKED THIS WAVE 1 Yes 0 No	Base NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM Variable Name by Wave 1: np1D1e 4: [not asked this wave] 2: np2D1e 5: [not asked this wave] 3: [not asked this wave]
		np4D1d_01 Changing grade levels required that s/he change schools		
		np4D1d_02 Family moved		
		np4D1d_03 Change in household/living arrangements		
		np4D1d_04 Chose a different school that was better for youth		
		np4D1d_05 School system assigned youth to a different school		
		np4D1d_06 Hospitalized		
		np4D1d_07 Incarcerated		
		np4D1d_08 Other reason for changing schools		
● np4D1e	(not asked)	School helped prepare youth for move to the new secondary school	Numeric Variable Values NOT ASKED THIS WAVE 1 Yes 0 No	Base NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM Variable Name by Wave 1: np1D1e 4: [not asked this wave] 2: np2D1e 5: [not asked this wave] 3: [not asked this wave]
● np4D1f	(not asked)	What school did to help youth move to new secondary school was	Numeric Variable Values NOT ASKED THIS WAVE 1 More than the youth needed 2 Less than the youth needed 3 About right	Base NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM Variable Name by Wave 1: np1D1f 4: [not asked this wave] 2: np2D1f 5: [not asked this wave] 3: [not asked this wave]

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

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Section D: School Experiences					
Variable Name	Source	Variable Description	Variable Type and Values		Base: Which Respondents Asked Variable Name by Wave
			Notes: Assignments, Modifications, and/or Validations		
● np4D1g	(not asked)	Move to new secondary school would have been easier if school helped	Numeric Variable Values NOT ASKED THIS WAVE 1 Yes 0 No		Base NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM <hr/> Variable Name by Wave 1: np1D1g 2: np2D1g 3: [not asked this wave] 4: [not asked this wave] 5: [not asked this wave]
● np4D1h	(not asked)	Family helped prepare youth for move to new secondary school	Numeric Variable Values NOT ASKED THIS WAVE 1 Yes 0 No		Base NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM <hr/> Variable Name by Wave 1: np1D1h 2: np2D1h 3: [not asked this wave] 4: [not asked this wave] 5: [not asked this wave]
● np4D1i	(not asked)	How transition to new secondary school has been	Numeric Variable Values NOT ASKED THIS WAVE 1 Very easy 2 Somewhat easy 3 Somewhat hard 4 Very hard		Base NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM <hr/> Variable Name by Wave 1: np1D1i 2: np2D1i 3: [not asked this wave] 4: [not asked this wave] 5: [not asked this wave]
● np4D1j	D1j [Q5]	Youth currently in elementary, middle, or senior high school or receiving similar instruction [2006/2007 school year]	Numeric Variable Values 1 Yes 0 No <hr/> Notes Set to 1 [yes] if np4D1k = 1 [youth not currently in secondary school because he or she is on school vacation] Set to 0 [no] if np4D1a = 0 [not in secondary school in the last year] np4D2c collapsed into np4D1j This item includes data from the Family Survey (mail questionnaire Q5) and the Abbreviated Interview (D1j) For youth report and combined youth/parent/guardian report, see Part 2 Section P: np4P2b		Base Asked parent/guardian respondents if np4D1a = 1 and np4D1b ≠ 8-12 [youth has been in elementary, middle, junior, or senior high school in the last school year in a regular school setting] <hr/> Variable Name by Wave 1: np1D1j 2: np2D1j 3: np3D1j 4: np4D1j 5: see np5A2b

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

Section D: School Experiences				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
● np4D1m_...[01-25]	D1m (1-25) [Q6]	Reasons for leaving secondary school [2006/2007 school year]	Numeric Variable Values 1 Yes 0 No	Base Asked parent/guardian respondents if np4D1a = 1, np4D1b ≠ 8-12, and np4D1j = 0 [youth has been in elementary, middle, junior, or senior high school in the last school year in a regular school setting but is not in secondary school now] and np4D1k = 4 [dropped out]
np4D1m_01	Poor grades/not doing well		Notes Text from other specify recoded into existing categories Use np4D1m_D2f_D3c; np4D1m_[01-25] collapsed into np4D1m_D2f_D3c_[01-25] This item includes data from the Family Survey (mail questionnaire Q6)	Variable Name by Wave 1: np1D1m_[01-24, 91] 4: np4D1m_[01-25] 2: np2D1m_[01-25] 5: see np5A2f_[01-25] 3: np3D1m_[01-25]
np4D1m_02	Dislike of school experience			
np4D1m_03	School too dangerous			
np4D1m_04	Failed required test/graduation exam			
np4D1m_05	Lack of appropriate curriculum			
np4D1m_06	Poor relations with teachers/staff			
np4D1m_07	Poor relations with fellow students			
np4D1m_08	Language difficulty			
np4D1m_09	Economic reasons			
np4D1m_10	Lack of youth care			
np4D1m_11	Lack of transportation			
np4D1m_12	Problems with behavior			
np4D1m_13	Substance abuse			
np4D1m_14	Illness/disability reasons			
np4D1m_15	Pregnancy			
np4D1m_16	Entered the criminal justice system			
np4D1m_17	Needed at home			
np4D1m_18	Religion			
np4D1m_19	Moved			
np4D1m_20	Parent/guardian influence			
np4D1m_21	Friends were dropping out			
np4D1m_22	Marriage			
np4D1m_23	Military, joined armed forces			
np4D1m_24	Employment, seek or accept job			
np4D1m_25	Other reason for leaving school			
● np4D1n	D1n	Youth attended 13th year of high school for additional high school credits after graduation	Numeric Variable Values 1 Yes 0 No	Base Asked parent/guardian respondents if np4D1a = 1, np4D1b ≠ 8-12, and np4D1j = 0 [youth has been in elementary, middle, junior, or senior high school in the last school year in a regular school setting but is not in secondary school now] and np4D1k = 2 [youth graduated] Variable Name by Wave 1: np1D1n 4: np4D1n 2: np2D1n 5: [not asked this wave] 3: np3D1n

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

Section D: School Experiences				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
np4D2f_06		Poor relations with teachers/staff		2: np2D2f_[01-25] 5: [not asked this wave]
np4D2f_07		Poor relations with fellow students		3: np3D2f_[01-25]
np4D2f_08		Language difficulty		
np4D2f_09		Economic reasons		
np4D2f_10		Lack of youth care		
np4D2f_11		Lack of transportation		
np4D2f_12		Problems with behavior		
np4D2f_13		Substance abuse		
np4D2f_14		Illness/disability reasons		
np4D2f_15		Pregnancy		
np4D2f_16		Entered the criminal justice system		
np4D2f_17		Needed at home		
np4D2f_18		Religion		
np4D2f_19		Moved		
np4D2f_20		Parent/guardian influence		
np4D2f_21		Friends were dropping out		
np4D2f_22		Marriage		
np4D2f_23		Military, joined armed forces		
np4D2f_24		Employment, seek or accept job		
np4D2f_25		Other reason for leaving school		

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Section D: School Experiences						
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked		
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave		
np4D3c_04	Failed required test/graduation exam	<p>In Wave 2, np2D3c_ [01-25] was collapsed with np2[D1m/D2f_]_[01-25]; in Waves 3 and 4 the collapsed version is [np3/np4]D1m_D2f_D3c_ [01-25]</p> <p>Text from other specify recoded into existing categories</p> <p>Use np4D1m_D2f_D3c; np4D3c_ [01-25] collapsed into np4D1m_D2f_D3c_ [01-25]</p> <p>For youth report and combined youth/parent/guardian report, see Part 2Section S: np4S1c_ [01-25]</p> <p>This item includes data from the Family Survey (mail questionnaire Q6)</p>	<p>prior wave, was not in secondary school in the last year, and respondent did not indicate that youth was never in secondary school] and np4D3b = 3 [youth dropped out or stopped attending school]</p> <p>Base increased by assignments listed in notes</p> <p>Variable Name by Wave</p> <p>1: np1D5d_ [01-24, 91] 4: np4D3c_ [01-25]</p> <p>2: np2D3c_ [01-25] 5: see np5A2f_ [01-25]</p> <p>3: np3D3c_ [01-25]</p>			
np4D3c_05	Lack of appropriate curriculum					
np4D3c_06	Poor relations with teachers/staff					
np4D3c_07	Poor relationship w/ fellow students					
np4D3c_08	Language difficulty					
np4D3c_09	Economic reasons					
np4D3c_10	Lack of youth care					
np4D3c_11	Lack of transportation					
np4D3c_12	Problems with behavior					
np4D3c_13	Substance abuse					
np4D3c_14	Illness or disability					
np4D3c_15	Pregnancy					
np4D3c_16	Entered the criminal justice system					
np4D3c_17	Needed at home					
np4D3c_18	Religion					
np4D3c_19	Moved					
np4D3c_20	Parent/guardian influence					
np4D3c_21	Friends were dropping out					
np4D3c_22	Marriage					
np4D3c_23	Joined Armed Forces/military					
np4D3c_24	To seek or accept employment					
np4D3c_25	Left school for other reason					
● np4D3d1	D3d1			Did youth receive a diploma or certificate	<p>Numeric Variable Values</p> <p>1 Diploma</p> <p>2 Certificate</p> <p>3 Something else</p> <hr/> <p>Notes</p> <p>np4D1L and np4D2e collapsed into np4D3d1</p> <p>Set to 1 [diploma] if</p> <p>W1Grad = 1 [youth graduated in a prior wave] or np4D3d1 is missing and np4D3d = 1 [graduated]</p> <p>Set to 2 [certificate] if</p> <p>W1Cert = 1 [youth received a certificate of completion in a prior wave] or np4D3d1 is missing and np4D3d = 2 [certificated]</p>	<p>Base</p> <p>Asked parent/guardian respondents if W1Grad, W1Cert, np4D1a and np4D2a ≠ 1 and np4D3a ≠ 9 [did not graduate from secondary school or receive a certificate of completion in a prior wave, was not in secondary school in the last year, and respondent did not indicate that youth was never in secondary school] and np4D3b = 1 or 2 [youth graduated or took a test for a diploma or certificate without completing all of his/her high school classes]</p> <p>Base increased by assignments listed in notes</p> <hr/> <p>Variable Name by Wave</p> <p>1: np1D5c 4: np4D3d1</p> <p>2: np2D3d1 5: np5A2g</p> <p>3: np3D3d1</p>

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Section D: School Experiences				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
● np4D3e	D3e	Respondent expects that youth will be enrolled in secondary school this fall [2007/2008 school year]	Numeric Variable Values 1 Yes 0 No	Base Asked parent/guardian respondents if W1Grad, W1Cert, np4D1a and np4D2a ≠ 1 and np4D3a ≠ 9 [did not graduate from secondary school or receive a certificate of completion in a prior wave, was not in secondary school in the last year, and respondent did not indicate that youth was never in secondary school] and np4D3b = 3-7 [youth left school for a reason other than he or she graduated or tested out]
D4: Postsecondary Enrollment				
● np4D4a...[1-3]	D4a(1-3) [Q9, Q21, Q15]	Postsecondary institutions youth attended since leaving high school	Numeric Variable Values 1 Yes 0 No	Base Asked parent/guardian respondents if np4D1a, np4D2a, np4D1j, np4D1k, np4D2c, and np4D2d ≠ 1 [youth not currently in secondary school and not out because he or she is on summer vacation]
np4D4a1	A 2-year/community college		Notes Set np4D4a[1-3] to value of corresponding np4S[3-5]a if np4D4a[1-3] are missing For youth report and combined youth/parent/guardian report, see Part 2 Section S: np4S[3-5]a In Wave 4, separated attended [postsecondary] since leaving high school and attended [postsecondary] in the last 2 years [see D4Aa...[1-3]] This item includes data from the Family Survey (mail questionnaire Q9, Q15, and Q21) and the Abbreviated Interview (D4a[1-3])	Variable Name by Wave <i>Please note: Items in italics are similar to but not exactly the same as Wave 4 item</i> 1: np1D4[a, c, and ff] 4: np4D4a[1-3] 2: np2D4a[1-3] 5: np5A3[a, e, and i] 3: np3D4a[1-3]
np4D4a2	Vocational/technical/business school (beyond high school)			
np4D4a3	A 4-year college or university			
● np4D4Aa...[1-3]	D4Aa(1-3) [Q12, Q23, Q18]	Postsecondary institutions youth attended in the past 2 years if youth	Numeric Variable Values 1 Yes 0 No	Base Asked parent/guardian respondents if np4D1a, np4D2a, np4D1j, np4D1k, np4D2c, and np4D2d ≠ 1 [youth not currently in secondary school and not out because he or she is on summer vacation]; np4D3a > 2 [youth has been out of
np4D4Aa1	A 2-year/community college		Notes Set np4D4Aa[1-3] to 1 [yes] if	
np4D4Aa2	Vocational/technical/business school (beyond high school)			

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

Section D: School Experiences				
Variable Name	Source	Variable Description	Variable Type and Values Notes: Assignments, Modifications, and/or Validations	Base: Which Respondents Asked Variable Name by Wave
np4D4Aa3	A 4-year college or university		<p>np4D3a = 1 or 2 and corresponding np4D4a[1-3] = 1 [attended this type of institution since leaving high school and left high school within the last 2 years]</p> <p>Set np4D4Aa[1-3] to 0 [no] if corresponding np4D4a[1-3] = 0 [did not attend this type of institution since leaving high school]</p> <p>In Wave 4, separated attended [postsecondary] since leaving high school and attended [postsecondary] in the last 2 years [see D4a[1-3]]</p> <p>This item includes data from the Family Survey (mail questionnaire Q12, Q18, Q23) and the Abbreviated Interview (D4Aa[1-3])</p> <p>For youth report and combined youth/parent/guardian report, see Part 2 Section S: np4S[3-5]a</p>	<p>secondary school more than 2 years] ;and corresponding np4D4a1, np4D4b1, and np4D4c1 = 1 [attended this type of institution since leaving high school]</p> <p>Variable Name by Wave <i>Please note: Items in italics are similar to but not exactly the same as Wave 4 item</i></p> <p>1: np1D4[a, c, and ff] 4: np4D4a[1-3] 2: np2D4a[1-3] 5: np5A3[b, f, and j] 3: np3D4a[1-3]</p>
● np4D4b...[1-3]	D4b(1-3) [Q13, Q24, Q19]	Postsecondary institutions youth attends currently	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <p>Notes</p> <p>Set np4D4b[1-3] to 0 if corresponding np4D4a[1-3] or np4D4Aa[1-3]= 0 [not currently attending if has not attended since high school or in the past 2 years]</p> <p>Set np4D4b[1-3] to value of corresponding np4S[3-5]c if np4D4b[1-3] are missing</p> <p>This item includes data from the Family Survey (mail questionnaire Q13, Q19, and Q24) and the Abbreviated Interview (D4b[1-3])</p> <p>For youth report and combined youth/parent/guardian report, see Part 2 Section S: np4S[3-5]c</p>	<p>Base</p> <p>Asked parent/guardian respondents if np4D1a, np4D2a, np4D1j, and np4D2d ≠ 1 [youth not in secondary school currently and was not in secondary school in the last year] and corresponding np4D4a[1-3] = 1 and np4D4a[1-3] = 1 or skipped [attended this type of institution in the past 2 years]</p> <p>Variable Name by Wave</p> <p>1: np1D4b, np1D4d, and np1D4g 2: np2D4b[1-3] 4: np4D4b[1-3] 3: np3D4b[1-3] 5: np5A3[c, g, and k]</p>
● np4D4c...[1-3]	D4c(1-3) [Q14, Q25, Q20]	Youth earned a diploma, certificate, or license from the postsecondary institution(s) he or she attended since leaving high school	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <p>Notes</p> <p>See similar np4S[3-5]d1 and np4K[6-8]b1 for reason</p>	<p>Base</p> <p>Asked parent/guardian respondents if np4D1a, np4D2a, np4D1j, np4D1k, np4D2c, and np4D2d ≠ 1 [youth not currently in secondary school and not out because he or she is on summer vacation] and corresponding np4D4a[1-3] = 1 and</p>
np4D4c1	A 2-yr/community college			

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

Section D: School Experiences				
Variable Name	Source	Variable Description	Variable Type and Values Notes: Assignments, Modifications, and/or Validations	Base: Which Respondents Asked Variable Name by Wave
np4D4c2 np4D4c3	Vocational/technical/business school (beyond high school) A 4-year college		left postsecondary This item includes data from the Family Survey (mail questionnaire Q14, Q20, and Q25) and the Abbreviated Interview (D4c[1-3])	either np4D4Aa[1-3] or np4D4b[1-3] = 0 [attended this type of institution since leaving high school but has not attended in the past 2 years or is not attending currently] Variable Name by Wave 1: [not asked this wave] 4: np4D4c[1-3] 2: [not asked this wave] 5: np5A3[d, h, and l] 3: [not asked this wave]
D5: Secondary school experiences				
● np4D5a	D5a	In the last 2 years, number of times youth changed secondary schools before leaving high school	Numeric Variable Values Number of school changes Notes Respondent reported the amount in a metric of his/her choice; item calculated as a single metric (school changes) If Metric = [metric] then number of changes calculated as number of Changes [changes = number of changes] or Schools - 1 [changes = number of schools - 1]	Base Asked parent/guardian respondents if np4D1a or np4D2a = 1 [youth was in secondary school in the last year] or np4D3a= 1 or 2 [left school last year or the year before] Variable Name by Wave 1: np1D5o 4: np4D5a 2: np2D5a 5: [not asked this wave] 3: np3D5a
● np4D5b	D5b	How many secondary school changes in the last 2 years were because of grade promotion	Numeric Variable Values Number of school changes Notes Set np4D5b to 0 if np4D5a_amt = 0 [did not change schools in the last 2 years] Set np4D5b to np4D5a_amt if D5a_metric = [number of changes] Set np4D5b to (np4D5a_amt - 1) if np4D5a_metric = [number of schools; the number of schools attended minus one equals the number of changes]	Base Asked parent/guardian respondents if np4D1a or np4D2a = 1 or np4D3a= 1 or 2 [youth was in secondary school in the last year or left school last year or the year before] and np4D5a > 0 [changed schools at least once since entering elementary school] Base increased by assignments listed in notes Variable Name by Wave 1: np1D5p2 4: np4D5b 2: np2D5b 5: [not asked this wave] 3: np3D5b

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D1—NLTS2 Wave 4 Parent/Youth Survey: Part 1 Parent/Guardian

Section D: School Experiences						
Variable Name	Source	Variable Description	Variable Type and Values		Base: Which Respondents Asked	
			Notes: Assignments, Modifications, and/or Validations		Variable Name by Wave	
● np4D5c	D5N	Youth attended summer school for secondary level instruction in the last 2 years	Numeric Variable Values 1 Yes 0 No		Base Asked parent/guardian respondents if np4D1a or np4D2a = 1 or np4D3a= 1 or 2 [youth was in secondary school in the last year or left school last year or the year before]	
			Notes Set to .a (special missing, not applicable if np4D5c = 3 [in a year round school])		Variable Name by Wave 1: np1D5n 2: np2D5c 3: np3D5c 4: np4D5c 5: [not asked this wave]	
● np4D5d	D5d	Youth has been suspended or expelled from secondary school in the last 2 years	Numeric Variable Values 1 Yes 0 No		Base Asked parent/guardian respondents if np4D1a or np4D2a = 1 or np4D3a= 1 or 2 [youth was in secondary school in the last year or left school last year or the year before] and np4D3b ≠ 4 or 5 [respondent did not already report that youth was suspended or expelled]	
					Variable Name by Wave 1: np1D7h 2: np2D5d 3: np3D5d 4: np4D5d 5: [not asked this wave]	
● np4D5e	D53	If youth was suspended or expelled from secondary school, he or she was suspended, expelled, or both	Numeric Variable Values 1 Suspended 2 Expelled 3 Both suspended and expelled		Base Asked parent/guardian respondents if np4D1a or np4D2a = 1 [youth was in secondary school in the last year] and np4D5d = 1 [youth was suspended or expelled]	
					Variable Name by Wave 1: np1D7i 2: np2D5e 3: np3D5e 4: np4D5e 5: [not asked this wave]	

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Section D: School Experiences				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
● np4D5f	D5f	Youth suspended from secondary school in current school year [2006/2007 school year]	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <hr/> <p>Notes</p> <p>Set to 0 if np4D1a or np4D2a = 1 and np4D5d = 0 [youth was in secondary school in the last year and was not suspended in current school year if had not been suspended or expelled in the last 2 years] or np4D1a or np4D2a = 1 and np4D5e = 2 [youth was in secondary school in the last year and was not expelled in current school year if was expelled but not suspended in the last 2 years]</p> <p>Set to 1 [yes] if np4D3a = 1 and np4D3b = 4 [youth left school this school year because he or she was suspended]</p>	<p>Base</p> <p>Asked parent/guardian respondents if np4D1a or np4D2a = 1 [youth was in secondary school in the last year] and np4D5e = 1 or 3 [youth was suspended or both suspended and expelled]</p> <p>Base increased by assignments described in notes</p> <hr/> <p>Variable Name by Wave</p> <p>1: np1D7j 2: np2D5f 3: np3D5f 4: np4D5f 5: [not asked this wave]</p>
● np4D5g	D5g	Youth expelled from secondary school in current school year [2006/2007 school year]	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <hr/> <p>Notes</p> <p>Set to 0 if np4D1a or np4D2a = 1 and np4D5d = 0 [youth was in secondary school in the last year and was not expelled in current school year if had not been suspended or expelled in the last 2 years] or np4D1a or np4D2a = 1 and np4D5e = 1 [youth was in secondary school in the last year and was not expelled in current school year if was suspended but not expelled in the last 2 years]</p> <p>Set to 1 [yes] if np4D3a = 1 and np4D3b = 5 [youth left school this school year because he or she was expelled]</p>	<p>Base</p> <p>Asked parent/guardian respondents if np4D1a or np4D2a = 1 [youth was in secondary school in the last year] and np4D5e = 2 or 3 [youth has expelled or both suspended and expelled]</p> <p>Base increased by assignments described in notes</p> <hr/> <p>Variable Name by Wave</p> <p>1: np1D7k 2: np2D5g 3: np3D5g 4: np4D5g 5: [not asked this wave]</p>

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Section D: School Experiences				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
● np4D6d	D6d	When youth stopped receiving special Ed services from secondary school	<p>Numeric Variable Values</p> <p>1 This school year (2006-2007)</p> <p>2 Last school year (2005-2006)</p> <p>3 Before that (2004-2005 or earlier)</p> <p>4 Never in secondary school</p> <hr/> <p>Notes</p> <p>Set np4D6d to 1 [this school year] if np4D3a = 1 and np4D6a_D6b_D6c = 0 [not in special Ed and left school this school year]</p> <p>Set np4D6d to 2 [last school year] if np4D3a = 2 and np4D6a_D6b_D6c = 0 [not in special Ed and left school last school year]</p> <p>Set np4D6d to 3 [before that] if np4D3a = 3 and np4D6a_D6b_D6c = 0 [not in special Ed and left school before that]</p>	<p>Base</p> <p>Asked parent/guardian respondents if np4D1a or np4D2a = 1 or np4D3a = 1 or 2 [attended secondary school in the last year or left within the last 2 years] and np4D6a, np4D6b, or np4D6c = 0 [was not in special Ed]</p> <hr/> <p>Variable Name by Wave</p> <p>1: [not asked this wave] 4: np4D6d 2: np2D6d 5: [not asked this wave] 3: np3D6d</p>
● np4D6e_...[01-11]	D6e(1-11)	Why youth is no longer receiving special education services in secondary school	<p>Numeric Variable Values</p> <p>1 Yes</p> <p>0 No</p> <hr/> <p>Notes</p> <p>Set np4D6e_[01-09, 11] [why no longer in special education] to 0 and np4D6e_10 to 1 [does not think youth was ever in special education] if np4D6a, np4D6b, or np4D6c = 3 [youth was never in special education]</p>	<p>Base</p> <p>Asked parent/guardian respondents if np4D1a or np4D2a = 1 or np4D3a = 1 or 2 [attended secondary school in the last year or left within the last 2 years]; np4D6a, np4D6b, or np4D6c = 0 [was not in special Ed]; and np4B1d ≠ 0 or W1B1a_00 = 0 [has a confirmed disability]</p> <p>Base increased by assignments described in notes</p> <hr/> <p>Variable Name by Wave</p> <p>1: np1D8b_[01-11] 4: np4D6e_[01-11] 2: np2D6e_[01-11] 5: [not asked this wave] 3: np3D6e_[01-11]</p>
	np4D6e_01	No longer needs special education services		
	np4D6e_02	Met IEP goals		
	np4D6e_03	Youth declassified		
	np4D6e_04	No longer eligible/does not qualify		
	np4D6e_05	School does not have program(s) youth needs		
	np4D6e_06	Parent does not want youth in spec education		
	np4D6e_07	Youth does not want to be in spec education		
	np4D6e_08	Youth changed schools		
	np4D6e_09	Student has 504 plan		
	np4D6e_10	Does not think youth was ever in special education		
	np4D6e_11	Youth home schooled by parent		

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Section D: School Experiences				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
● np4D6k	Calculated	Age when youth began receiving special education services from elementary, middle, or secondary school	<p>Numeric Variable Values Age in years</p> <hr/> <p>Notes Set to value of np1D8h, np2D6k, or np3D6k if there are data from a prior wave interview Respondent reported the amount in a metric of his/her choice; item calculated as a single metric (age) If Metric = [age in years] then np4D6k calculated as Age [age in years = age in years] If Metric = [grade level] then np4D6k [age in years] calculated as follows: Grade 1 = 6 years Grade 2 = 7 years Grade 3 = 8 years Grade 4 = 9 years Grade 5 = 10 years Grade 6 = 11 years Grade 7 = 12 years Grade 8 = 13 years Grade 9 = 14 years Grade 10 = 15 years Grade 11 = 16 years Grade 12 = 17 years</p>	<p>Base Limited to parent/guardian respondents where np4HasW1Data = 0 [W4 only respondents, no prior wave interview data] Asked if np4D1a or np4D2a = 1 [attended secondary school in the last year] and np4B1d ≠ 0 or W1B1a_00 = 1 [has a confirmed disability]</p> <hr/> <p>Variable Name by Wave 1: np1D8h 2: np2D6k 3: np3D6k 4: np4D6k 5: [not asked this wave]</p>
● np4D6L	D6L	Youth receives letter grades in secondary school	<p>Numeric Variable Values 1 Yes 2 No 3 For some subjects</p> <hr/> <p>Notes Set no if np1D9b = 10 [school does not give these grades]</p>	<p>Base Asked parent/guardian respondents if np4D1a or np4D2a = 1 [attended secondary school in the last year]</p> <hr/> <p>Variable Name by Wave 1: np1D9a 2: np2D6L 3: np3D6L 4: np4D6L 5: [not asked this wave]</p>

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Section D: School Experiences					
Variable Name	Source	Variable Description	Variable Type and Values		Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations		Variable Name by Wave
np4D6o_c	Special education services		4	Very dissatisfied	schooled]
np4D6o_d	The education youth received				np4D6o_c [satisfaction with special Ed services]
np4D6o_f	How well school informs parents of behavior/academic performance				asked if np4D6a or np4D6b = 1 [youth currently in special education]
					Variable Name by Wave
					1: np1D14[a-e] 4: np4D6o_[a-f]
					2: np2D6o_[a-f] 5: [not asked this wave]
					3: np3D6o_[a-f]

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

Section D: School Experiences Created Variables				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
● np4D1k_D2d_D3b	(created)	Reason youth not currently enrolled in secondary school or receiving secondary level instruction	Numeric Variable Values 1 Graduated 2 Tested out (certificate or diploma without taking all of his/her classes) 3 Dropped/stopped going 4 Suspended temporarily 5 Expelled permanently 6 Older than age limit 7 Other	Base Parent/guardian respondents with responses to np4D1k, np4D2d, np4D3b, W1Grad, or W1Cert Variable Name by Wave 1: np1D_1k_2d_5b 4: np4D1k_D2d_D3b 2: np2D1k_D2d_D3b 5: [not created this wave] 3: np3D1k_D2d_D3b
● np4D1m_D2f_D3c_... ...[01-25]	(collapsed)	Reasons for leaving secondary school	Numeric Variable Values 1 Yes 0 No Notes Set to 1 [yes] if corresponding np4D1m_[01-25], ,np4D2f_[01-25], or np4D3c_[01-25] = 1 [reported this reason for leaving school] Set to 0 [no] if corresponding np4D1m_[01-25], ,np4D2f_[01-25], and np4D3c_[01-25] ≠ 1 [did not report this reason for leaving school] For youth report and combined youth/parent/guardian report, see Part 2Section S: np4S1c_[01-25]	Base Parent/guardian respondents with responses to items listed in notes Variable Name by Wave 1:np1D_1m_2f_5d_[01-24, 91] 2: np2D3c_[01-25] 3: np3D1m_D2f_D3c_[0-25] 4: np4D1m_D2f_D3c_[0-25] 5: [not created this wave]
np4D1m_D2f_D3c_01	Academic difficulty/poor grades			
np4D1m_D2f_D3c_02	Disliked school experience			
np4D1m_D2f_D3c_03	School too dangerous			
np4D1m_D2f_D3c_04	Failed required test/graduation exam			
np4D1m_D2f_D3c_05	Lack of appropriate curriculum			
np4D1m_D2f_D3c_06	Poor relations with teachers/staff			
np4D1m_D2f_D3c_07	Poor relationship w/ fellow students			
np4D1m_D2f_D3c_08	Language difficulty			
np4D1m_D2f_D3c_09	Economic reasons			
np4D1m_D2f_D3c_10	Lack of youth care			
np4D1m_D2f_D3c_11	Lack of transportation			
np4D1m_D2f_D3c_12	Problems with behavior			
np4D1m_D2f_D3c_13	Substance abuse			
np4D1m_D2f_D3c_14	Illness or disability			
np4D1m_D2f_D3c_15	Pregnancy			
np4D1m_D2f_D3c_16	Entered the criminal justice system			
np4D1m_D2f_D3c_17	Needed at home			
np4D1m_D2f_D3c_18	Religion			
np4D1m_D2f_D3c_19	Moved			
np4D1m_D2f_D3c_20	Parent/guardian influence			
np4D1m_D2f_D3c_21	Friends were dropping out			
np4D1m_D2f_D3c_22	Marriage			
np4D1m_D2f_D3c_23	Joined Armed Forces/military			
np4D1m_D2f_D3c_24	To seek or accept employment			
np4D1m_D2f_D3c_25	Left school for other reason			

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Section D: School Experiences Created Variables				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
<ul style="list-style-type: none"> np4D4a...[1-3]_ever 	(created)	Postsecondary institutions youth ever attended since leaving high school [if ever reported in current or prior wave]	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <p>Notes</p> <p>Set np4D4a[1-3]_ever to 1 [ever attended] if corresponding np4D4a[1-3], W1_2Yr, W1_Voc, or W1_4Yr = 1 [reported attending this type of institution in the current or prior wave]</p> <p>Set np4D4a[1-3]_ever to 0 [never attended] if corresponding W1_2Yr, W1_Voc, and W1_4Yr ≠ 1 and np4D4a[1-3] = 0 [never reported attending this type of institution in the current or prior wave]</p> <p>or</p> <p>np4D4a[1-3] = .d [don't know] and corresponding W1_2Yr, W1_Voc, and/or W1_4Yr = 0 [if data available from a prior wave, did not report attending this type of institution at that time]</p>	<p>Base</p> <p>Parent/guardian respondents with responses to items listed in notes</p> <p>Variable Name by Wave</p> <p>1: [not applicable] 4: np4D4a[1-3]_ever 2: W1_[2Yr, Voc, 4_Yr] 5: [not created this wave] 3: np3D4a[1-3]_ever</p>
<ul style="list-style-type: none"> np4D4a1_ever np4D4a2_ever np4D4a3_ever 	<p>A 2-yr/community college</p> <p>Vocational/technical/business school (beyond high school)</p> <p>A 4-year college</p>			
<ul style="list-style-type: none"> np4D4a1_D4a2_D4a3 	(created)	Youth has attended a postsecondary school since leaving high school [or in the past 2 years if youth was out of high school in a prior wave]	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <p>Notes</p> <p>Set to 1 [attended postsecondary] if np4D4a1, np4D4a2, or np4D4a3 = 1 [attended 2-year or community college, postsecondary vocational, or a 4-year college or university]</p> <p>Set to 0 [did not attend postsecondary] if np4D4a1, np4D4a2, and np4D4a3 ≠ 1 [did not report attending a postsecondary institution in the past 2 years]</p>	<p>Base</p> <p>Parent/guardian respondents with responses to items listed in notes</p> <p>Variable Name by Wave</p> <p>1: [not created this wave] 4: np4D4a1_D4a2_D4a3 2: np2D4a1_D4a2_D4a3 5: [not created this wave] 3: np3D4a1_D4a2_D4a3</p>

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

Section D: School Experiences Created Variables				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
● np4D5e_Ever	(created)	If youth was ever suspended or expelled from secondary school, he/she was suspended, expelled, or both [if ever reported in current or prior wave]	<p>Numeric Variable Values</p> <p>1 Suspended</p> <p>2 Expelled</p> <p>3 Both suspended and expelled</p> <hr/> <p>Notes</p> <p>Set to 3 [both suspended and expelled] if np1D_5m_7i and/or [np2/np3]D5e, and/or np4D5e = 3 (reported both suspended and expelled in the current or prior wave</p> <p>or</p> <p>reported suspended and expelled in separate responses: any np1D_5m_7i , [np2/np3/np4]D5e = 1 or np4D1k_D2d_D3b = 4 [was suspended in a current or prior wave or left school because he or she was suspended] and any np1D_5m_7i , [np2/np3/np4]D5e = 2 or np4D1k_D2d_D3b = 5 [was expelled in a current or prior wave or left school because he or she was expelled]</p> <p>Else set to 1 [suspended] if any np1D_5m_7i or [np2/np3/np4]D5e = 1 or np4D3b = 4 [youth suspended in a current or prior wave or youth left school because he or she was suspended]</p> <p>Else set to 1 [expelled] if any np1D_5m_7i , np2/np3/np4]D5e = 2 or np4D3b = 5 [youth expelled in a current or prior wave or youth left school because he or she was expelled]</p> <p>np4D5e_ever is missing if no report of youth ever being suspended or expelled</p>	<p>Base</p> <p>Parent/guardian respondents with responses to items listed in notes</p> <hr/> <p>Variable Name by Wave</p> <p>1: np1D_5m_7i 4: np4D5e_ever</p> <p>2: np2D5e_ever 5: [not created this wave]</p> <p>3: np3D5e_ever</p>
● np4D6a_D6b_D6c	(created)	Youth received special Ed/had an IEP in secondary school	<p>Numeric Variable Values</p> <p>1 Yes</p> <p>2 No</p> <p>3 Never was in special education</p> <hr/> <p>Notes</p> <p>Collapse np4D6a, np4D6b, and np4D6c</p>	<p>Base</p> <p>Parent/guardian respondents with responses to items listed in notes</p> <hr/> <p>Variable Name by Wave</p> <p>1: [not created this wave] 4: np4D6a_D6b_D6c</p> <p>2: np2D6a_D6b_D6c 5: [not created this wave]</p> <p>3: np3D6a_D6b_D6c</p>

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

Section E: Family Interaction/Involvement						
Variable Name	Source	Variable Description	Variable Type and Values		Base: Which Respondents Asked Variable Name by Wave	
			Notes: Assignments, Modifications, and/or Validations			
● np4E1a_[a-d]	E1a (a-d)	An adult in the household has done the following since the beginning of the school year	Numeric Variable Values		<p>Base np4E1a_[a-c] asked parent/guardian respondents if np4D1a = 1 and np4D2a ≠ 1 [in secondary school in the last year but respondent did not indicate that youth was schooled in another setting]</p> <p>np4E1a_d asked parent/guardian respondents if np4D1a or np4D2a = 1 [youth was in secondary school in the last year]</p> <hr/> <p>Variable Name by Wave 1: np1E1_[a-d]1 4: np4E1a_[a-d] 2: np2E1a_[a-d] 5: [not created this wave] 3: np3E1a_[a-d]</p>	
			np4E1a_a	Attended general school meeting		1 Yes
			np4E1a_b	Attended school or class events		0 No
			np4E1a_c	Volunteered at the school		
			np4E1a_d	Went to parent/teacher conference		
● np4E1b_[a-d]	E1b (a-d)	How often an adult in the household has done the following since the beginning of the school year	Numeric Variable Values		<p>Base np4E1b_[a-c] asked parent/guardian respondents if np4D1a = 1 and np4D2a ≠ 1 and corresponding np4E1a_a – np4E1a_c = 1 [in secondary school in the last year but respondent did not indicate that youth was schooled in another setting and adult in household did this activity]</p> <p>np4E1b_d asked parent/guardian respondents if np4D1a or np4D2a = 1 and np4E1b_d = 1 [youth was in secondary school in the last year and adult in household did this activity]</p> <p>Base increased by assignments listed in notes</p> <hr/> <p>Variable Name by Wave 1: np1E1_[a-d]2 4: np4E1b_[a-d] 2: np2E1b_[a-d] 5: [not created this wave] 3: np3E1b_[a-d]</p>	
			np4E1b_a	Attended general school meeting		0 Never
			np4E1b_b	Attended school or class events		1 1-2 times
			np4E1b_c	Volunteered at the school		2 3-4 times
			np4E1b_d	Went to parent/teacher conference		3 5-6 times
			4 More than 6 times	<p>Notes Set to np4E1b_[a-d] to 0 [never] if corresponding np4E1a_[a=d] = 0 [has not done this]</p>		

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Section E: Family Interaction/Involvement				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
● np4E5a	E5a	How often an adult in youth's household spoke to youth about his or her school experiences in the last year	Numeric Variable Values 1 Not at all 2 Rarely 3 Occasionally 4 Regularly	Base Asked parent/guardian respondents if np4D1a or np4D2a = 1 [youth was in secondary school in the last year]; RespParGuardian = 1 and np4A6a_[01, 02, or 04] = 1 [youth lives with parent or guardian respondent] or OtherResp = 1 and np4A6a_03 = 1 [youth lives with respondent who is not a parent/guardian]; and np4D1q ≠ 1 and np4D2b ≠ 3-6 [respondent did not indicate that youth attended a residential or other institutional school]
				Variable Name by Wave 1: np1E7 2: np2E5a 3: np3E5a 4: np4E5a 5: [not asked this wave]
● np4E5b	E5b	How often an adult in youth's household spoke to youth about plans after high school	Numeric Variable Values 1 Not at all 2 Rarely 3 Occasionally 4 Regularly	Base Asked parent/guardian respondents if np4D1a or np4D2a = 1 [youth was in secondary school in the last year]; RespParGuardian = 1 and np4A6a [01, 02, or 04] = 1 [youth lives with parent or guardian respondent] or OtherResp = 1 and np4A6a_03 = 1 [youth lives with respondent who is not a parent/guardian]; and np4D1q ≠ 1 and np4D2b ≠ 3-6 [respondent did not indicate that youth attended a residential or other institutional school]
				Variable Name by Wave 1: [not asked this wave] 2: np2E5b 3: np3E5b 4: np4E5b 5: [not asked this wave]

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

Section F: Services				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
● np4F1b_...[a-s]	F1b (a-r)	If any of the following services received in the last 12 months were from or through youth's school or district	Numeric Variable Values 1 Yes 0 No	Base Asked parent/guardian respondents if InSchInPastYear = 1 [youth was in secondary school in the last year] and np4F1a_[a-r] = 1 [for each corresponding service youth received in the last year, ask if youth is receiving the service through the school or district] Base increased by assignments described in notes Variable Name by Wave 1: np1H1b_[a-q] 4: np4F1b_[a-s] 2: np2F1b_[a-r] 5: [not asked this wave] 3: np3F1b_[a-r]
np4F1b_a	Speech/language therapy or communication services		Notes Set np4F1b_[a-r] to 0 [no] if corresponding np4F1a_[a-r] = 0 [did not receive this service] Set np4F1b_s to 1 [yes] if np4F1a_s = 1 or np4F1b[a-r] ≠ 1 [did not report receiving any services or did not receive any services from the school or district] Set np4F1b_s to 0 [no] if any np4F1b[a-r] = 1 [reported receiving any services from the school or district]	
np4F1b_b	Audiology services for Hearing Impairment			
np4F1b_c	Psychological or mental health services or counseling			
np4F1b_d	Physical therapy			
np4F1b_e	Social work services			
np4F1b_f	Occupational therapy or life skills therapy or training			
np4F1b_g	orientation and mobility services			
np4F1b_h	Medical services for diagnosis or evaluation related to youth's special needs			
np4F1b_i	Personal assistant, in-home or in-classroom aide			
np4F1b_j	Tutor			
np4F1b_k	Reader or interpreter (including sign language)			
np4F1b_L	Nursing care			
np4F1b_m	Assistive technology services or devices			
np4F1b_n	Transportation because of youth's special needs			
np4F1b_o	Respite care			
np4F1b_p	Career counseling, help in finding a job, training in job skills or vocational education			
np4F1b_q	Financial aid			
np4F1b_r	Received other services for special needs			
np4F1b_s	(created) Youth did not receive services from school or district			
● np4F1c_...[a-s]	F1c (a-r)	If youth is currently receiving any of the following services	Numeric Variable Values 1 Yes 0 No	Base Asked parent/guardian respondents if InSchInPastYear = 1 [youth was in secondary school in the last year] and np4F1a_[a-r] = 1 [for each corresponding service youth received in the last year, ask if youth is currently receiving the service] Base increased by assignments described in notes
np4F1c_a	Speech/language therapy or communication services		Notes Set np4F1c_[a-r] to 0 [no] if corresponding np4F1b_[a-r] = 0 [not currently receiving service if did not receive this service] Set np4F1c_s to 1 [yes] if	
np4F1c_b	Audiology services for Hearing Impairment			
np4F1c_c	Psychological or mental health services or counseling			
np4F1c_d	Physical therapy			
np4F1c_e	Social work services			

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Section F: Services				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
np4F1c_f		Occupational therapy or life skills therapy or training	np4F1a_s = 1 or np4F1c[a-r] ≠ 1 [did not report receiving any services or is not receiving any services currently] Set np4F1c_s to 0 [no] if any np4F1b[a-r] = 1 [reported receiving any services currently]	Variable Name by Wave <i>Please note: Items in italics are similar to but not exactly the same as Wave 4 items</i> 1: [not asked this wave] 4: np4F1c_[a-s] 2: np2F1c_[a-r] 5: np5C1b_[a-w] 3: np3F1c_[a-r]
np4F1c_g		orientation and mobility services		
np4F1c_h		Medical services for diagnosis or evaluation related to youth's special needs		
np4F1c_i		Personal assistant, in-home or in-classroom aide		
np4F1c_j		Tutor		
np4F1c_k		Reader or interpreter (including sign language)		
np4F1c_L		Nursing care		
np4F1c_m		Assistive technology services or devices		
np4F1c_n		Transportation because of youth's special needs		
np4F1c_o		Respite care		
np4F1c_p		Career counseling, help in finding a job, training in job skills or vocational education		
np4F1c_q		Financial aid		
np4F1c_r		Received other services for special needs		
np4F1c_s		(created) Youth is not currently receiving services		
● np4F2a	F2a	Youth has a case manager to coordinate services	Numeric Variable Values 1 Yes 0 No	Base Asked parent/guardian respondents if InSchInPastYear = 1 [youth was in secondary school in the last year] and any np4F1a_[a-r] = 1 [received any services in the last year]
				Variable Name by Wave <i>Please note: Items in italics are similar to but not exactly the same as Wave 4 items</i> 1: np1H2a 4: np4F2a 2: np2F2a 5: np5C1b_u 3: np3F2a
● np4F2b ...[01-04]	F2b (1-4)	Case manager is	Numeric Variable Values 1 Yes 0 No	Base Asked parent/guardian respondents if InSchInPastYear = 1 and any np4F1a_[a-r] = 1 [youth was in secondary school in the last year] and received any services in the last year] and np4F2a = 1 [youth has a case manager or someone to
		np4F2b_01 Someone at the school, district, or board of education	Notes Text from other specify recoded into existing	
		np4F2b_02 A professional outside school		
		np4F2b_03 Respondent or another family member		
		np4F2b_04 Other		

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Section F: Services				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
			categories	coordinate services] Variable Name by Wave <i>Please note: Items in italics are similar to but not exactly the same as Wave 4 items</i> 1: np1H2b_[01-03, 91] 4: np4F2b_[01-04] 2: np2F2b_[01-04] 5: np5C71_[01-04] 3: np3F2b_[01-04]
● np4F3	F3	Overall, respondent thinks youth is getting enough services	Numeric Variable Values 1 Yes 0 No	Base Asked parent/guardian respondents if InSchInPastYear = 1 and any np4F1a_[a-r] = 1 [youth was in secondary school in the last year and received any services in the last year] Variable Name by Wave <i>Please note: Items in italics are similar to but not exactly the same as Wave 4 items</i> 1: np1H3 4: np4F3 2: np2F3 5: np5C1c 3: np3F3
● np4F4	F4	How much effort it took for youth to get services in last 12 months	Numeric Variable Values 1 A great deal of effort 2 Some effort 3 A little effort 4 Almost no effort	Base Asked parent/guardian respondents if InSchInPastYear = 1 [youth was in secondary school in the last year] Variable Name by Wave <i>Please note: Items in italics are similar to but not exactly the same as Wave 4 items</i> 1: np1H4 4: np4F4 2: np2F4 5: np5C6a 3: np3F4
● np4F5_...[01-10]	F5 (1-10)	Where family learns about appropriate services for youth	Numeric Variable Values 1 Yes 0 No Notes Text from other specify recoded into existing categories	Base Asked parent/guardian respondents if InSchInPastYear = 1 [youth was in secondary school in the last year] Variable Name by Wave <i>Please note: Items in italics are similar to but not exactly the same as Wave 4 items</i> 1: np1H5_[01-09, 91] 4: np4F5_[01-10] 2: np2F5_[01-10] 5: np5C6b_[01-10]
	np4F5_01	From school, district, or board of education		
	np4F5_02	From a professional consultant or caseworker		
	np4F5_03	From a physician or other medical/mental health professional		
	np4F5_04	From other parents/parent group		
	np4F5_05	From family members/friends/personal acquaintances		
	np4F5_06	From a web/Internet, computer		

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

Section F: Services				
Variable Name	Source	Variable Description	Variable Type and Values	
			Notes: Assignments, Modifications, and/or Validations	Base: Which Respondents Asked Variable Name by Wave
np4F8b_e		Help in learning to look for a job	np4F8a = 0 [has not had any career counseling, training or help since high school] Set np4F8b_j to 0 [no] if np4F8a = 1 [youth has had career counseling, training or help since high school] Text from other specify recoded into existing categories	<i>exactly the same as Wave 4 items</i> 1: [not asked this wave] 4: np4np3F8b_[a-j] 2: np2F8b_[a-i] 5: np5C2a_[a-j] 3: np3F8b_[a-i]
np4F8b_f		Job shadowing		
np4F8b_g		Apprenticeships or internships		
np4F8b_h		Help in finding a job		
np4F8b_i		Other		
np4F8b_j		(created) Youth has not received job training or help		
● np4F8c_...[01-15]	F8c (1-15)	Who provided youth with job training or help since high school [or in the past 2 years if youth out of high school in the prior wave]	Numeric Variable Values 1 Yes 0 No Notes Text from other specify recoded into existing categories	Base Asked parent/guardian respondents if InSchInPastYear = 0 and np4F8a = 1 [youth not in secondary school in the last year and received career counseling, training, or help since high school]
np4F8c_01		A regular high school	Text from other specify recoded into existing categories	Variable Name by Wave <i>Please note: Items in italics are similar to but not exactly the same as Wave 4 items</i> 1: [not asked this wave] 4: np4F8c_[01-15] 2: np2F8c_[01-15] 5: np5C4c_[01-12] 3: np3F8c_[01-15]
np4F8c_02		A special school for youth with disabilities		
np4F8c_03		A 4- or 2-year college		
np4F8c_04		Postsecondary vocational, business, or technical school		
np4F8c_05		A family member or friend		
np4F8c_06		Youth's employer		
np4F8c_07		The Vocational Rehabilitation Agency (Voc Rehab)		
np4F8c_08		Developmental Disabilities Agency		
np4F8c_09		Other agency serving persons with disabilities		
np4F8c_10		Goodwill/sheltered workshop		
np4F8c_11		The military		
np4F8c_12		JTPA, Job Corps, or other federal job training program		
np4F8c_13		Group home or supported living program		
np4F8c_14		Correctional facility		
np4F8c_15		Other		

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Section F: Services				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
● np4F9a	F9a	Youth is currently receiving career counseling, help finding a job, or vocational education	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <hr/> <p>Notes</p> <p>np4F9a to 0 [no] if np4F8a = 0 [has not received these services since high school]</p>	<p>Base</p> <p>Asked parent/guardian respondents if InSchInPastYear = 0 and np4F8a = 1 [youth not in secondary school in the last year and received career counseling, training, or help since high school]</p> <hr/> <p>Variable Name by Wave</p> <p><i>Please note: Items in italics are similar to but not exactly the same as Wave 4 items</i></p> <p>1: [not asked this wave] 4: np4F9a 2: np2F9a 5: np5C1b_a 3: np3F9a</p>
● np4F9b_...[a-j]	F9b (a-i)	Types of job training or help youth is currently receiving	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <hr/> <p>Notes</p> <p>Set np4F9b_[a-i] to 0 [no] if np4F9a = 0 [youth is not currently receiving career counseling, training, or help]</p> <p>Set np4F9b_j to 1 [yes] if np4F9a = 0 [youth is not currently receiving career counseling, training, or help]</p> <p>Set np4F9b_j to 0 [no] if np4F9a = 1 [youth is currently receiving career counseling, training, or help]</p> <p>Text from other specify recoded into existing categories</p>	<p>Base</p> <p>Asked parent/guardian respondents if InSchInPastYear = 0 and np4F8a = 1 [youth not in secondary school in the last year and received career counseling, training, or help since high school] and np4F9a = 1 [youth currently receives career counseling, training, or help]</p> <hr/> <p>Variable Name by Wave</p> <p><i>Please note: Items in italics are similar to but not exactly the same as Wave 4 items</i></p> <p>1: [not asked this wave] 4: np4F9b_[a-j] 2: np2F9b_[a-i] 5: np5C2b_[a-j] 3: np3F9b_[a-i]</p>
● np4F9c_...[01-15]	F9c (1-15)	Who is providing youth with job training or help	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <hr/> <p>Notes</p> <p>Text from other specify recoded into existing categories</p>	<p>Base</p> <p>Asked parent/guardian respondents if InSchInPastYear = 0 and np4F9a = 1 [youth not in secondary school in the last year and currently receives career counseling, training, or help] and respondent indicated 2 or more yes responses in np4F8c_01-np4F8c_15 [more than 1 source of job training or help since high school]</p> <hr/> <p>Variable Name by Wave</p> <p>1: [not asked this wave] 4: np4F9c_[01-15] 2: np2F9c_[01-15] 5: [not asked this wave]</p>
		np4F9b_a Testing to find out youth's interests or abilities		
		np4F9b_b Training in specific job skills		
		np4F9b_c Training in basic skills needed for work		
		np4F9b_d Career counseling		
		np4F9b_e Help in learning to look for a job		
		np4F9b_f Job shadowing		
		np4F9b_g Apprenticeships or internships		
		np4F9b_h Help in finding a job		
		np4F9b_i Other		
		np4F9b_j (created) Youth is not currently receiving job training or help		
		np4F9c_01 A regular high school		
		np4F9c_02 A special school for youth with disabilities		
		np4F9c_03 A 4- or 2-year college		
		np4F9c_04 Postsecondary vocational, business, or technical school		
		np4F9c_05 A family member or friend		
		np4F9c_06 Youth's employer		
		np4F9c_07 The Vocational Rehabilitation Agency (Voc Rehab)		
		np4F9c_08 Developmental Disabilities Agency		

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

Section F: Services				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
np4F9c_09 np4F9c_10 np4F9c_11 np4F9c_12 np4F9c_13 np4F9c_14 np4F9c_15		Other agency serving persons with disabilities Goodwill/sheltered workshop The military JTPA, Job Corps, or other federal job training program Group home or supported living program Correctional facility Other		3: np3F9c_[01-15]
● np4F9d	F9d	Family or youth pays for job training or help, or it is paid for in some other way	Numeric Variable Values 1 Family or youth pays 2 Paid for in some other way	Base Asked parent/guardian respondents if InSchInPastYear = 0 and np4F9a = 1 [youth not in secondary school in the last year and currently receives career counseling, training, or help] and np4F[8/9]c_05 = 1 and np4F[8/9]c_01-04, 06-15 = 0 [only source of job training or help indicated was from family or friends] Variable Name by Wave 1: [not asked this wave] 4: np4F9d 2: np2F9d 5: [not asked this wave] 3: np3F9d
● np4F9e	F9e	Youth is getting enough job training or help	Numeric Variable Values 1 Yes 0 No	Base Asked parent/guardian respondents if InSchInPastYear = 0 and np4F9a = 1 [youth not in secondary school in the last year and currently receives career counseling, training, or help] Variable Name by Wave <i>Please note: Items in italics are similar to but not exactly the same as Wave 4 items</i> 1: [not asked this wave] 4: np4F9e 2: np2F9e 5: np5C1c 3: np3F9e

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Section F: Services				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
● np4F9f	F9f	Usefulness of job training or help has been for youth getting a job.	Numeric Variable Values 1 Very useful 2 Somewhat useful 3 Not very useful 4 Not at all useful	Base Asked parent/guardian respondents if InSchInPastYear = 0 and np4F8a = 1 [youth not in secondary school in the last year and received career counseling, training, or help]
				Variable Name by Wave <i>Please note: Items in italics are similar to but not exactly the same as Wave 4 items</i> 1: [not asked this wave] 4: np4F9f 2: np2F9f 5: np5C2d 3: np3F9f
● np4F10a	F10a	Youth currently needs job training or help.	Numeric Variable Values 1 Yes 0 No	Base Asked parent/guardian respondents if InSchInPastYear = 0 [not in secondary school in the last year]
				Variable Name by Wave <i>Please note: Items in italics are similar to but not exactly the same as Wave 4 items</i> 1: [not asked this wave] 4: np4F10a 2: np2F10a 5: np5C3a 3: np3F10a
● np4F10b_...[01-11]	F10b (1-9)	Types of job training or help youth is currently needs	Numeric Variable Values 1 Yes 0 No	Base Asked parent/guardian respondents if InSchInPastYear = 0 [not in secondary school in the last year] and np4F10a = 1 [youth currently needs job training or help]
	np4F10b_01	Testing to find out youth's interests or abilities		
	np4F10b_02	Training in specific job skills		
	np4F10b_03	Training in basic skills needed for work		
	np4F10b_04	Career counseling		
	np4F10b_05	Help in learning to look for a job		
	np4F10b_06	Job shadowing		
	np4F10b_07	Apprenticeships or internships		
	np4F10b_08	Help in finding a job		
	np4F10b_09	Other		
	np4F10b_10	(created) Does not need job training or help		
	np4F10b_11	(coded) Transportation assistance	Notes Set np4F10b_[01-09] to 0 [no] if np4F10a = 0 [youth does not need job training or help currently] Set np4F10b_10 to 1 [yes] if np4F10a = 0 [youth does not need job training or help] Text from other specify recoded into existing categories	Variable Name by Wave <i>Please note: Items in italics are similar to but not exactly the same as Wave 4 items</i> 1: [not asked this wave] 4: np4F10b_[01-11] 2: np2F10b_[01-09] 5: np5C3b_[01-10] 3: np3F10b_[01-10]

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Section F: Services					
Variable Name	Source	Variable Description	Variable Type and Values		Base: Which Respondents Asked Variable Name by Wave
			Notes: Assignments, Modifications, and/or Validations		
● np4F10c	F10c	Someone has been trying to get job training or help for youth	Numeric Variable Values 1 Yes 0 No		Base Asked parent/guardian respondents if InSchInPastYear = 0 and np4F10a = 1 [youth not in secondary school in the last year and needs job training or help]
			Variable Name by Wave <i>Please note: Items in italics are similar to but not exactly the same as Wave 4 items</i> 1: [not asked this wave] 4: np4F10c 2: np2F10c 5: np5C3c 3: np3F10c		
● np4F10d	F10d	Youth is on a waiting list to get job training or help	Numeric Variable Values 1 Yes 0 No		Base Asked parent/guardian respondents if InSchInPastYear = 0 and np4F10a = 1 [youth not in secondary school in the last year and needs job training or help] and np4F10c = 1 [someone has tried to get job training or help for youth]
			Notes Set np4F10d to 0 [no] if np4F10c = 0 [no one is trying to get job training or help for youth]		Variable Name by Wave <i>Please note: Items in italics are similar to but not exactly the same as Wave 4 items</i> 1: [not asked this wave] 4: np4F10d 2: np2F10d 5: np5C3d 3: np3F10d
Independent Living Skills or Occupational Training Received by Youth Out-of-Secondary School a Year or More					
● np4F11a	F11a [Q30]	Youth has had independent living skills training or occupational therapy since high school [or in the past 2 years if youth out of high school in the prior wave]	Numeric Variable Values 1 Yes 0 No		Base Asked parent/guardian respondents if InSchInPastYear = 0 [not in secondary school in the last year]
			Notes Set to 1 (yes) if np4F14a_f = 1 (youth received occupational therapy in the past 2 years/since high school) Set to 0 [no] if np4F11a = 3 [youth would never need this service]		This item includes data from the Family Survey (mail questionnaire Q30) and the Abbreviated Interview (F14ap)
			Variable Name by Wave <i>Please note: Items in italics are similar to but not exactly the same as Wave 4 items</i> 1: [not asked this wave] 4: np4F11a 2: np2F11a 5: np5[C1a/C1a1]_e 3: np3F11a		

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Section F: Services				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
● np4F11b_...[a-h]	F11b (a-g)	Types of life skills training or occupational therapy youth has received since high school [or in the past 2 years if youth out of high school in the prior wave]	Numeric Variable Values 1 Yes 0 No	Base Asked parent/guardian respondents if InSchInPastYear = 0 [not in secondary school in the last year] and np4F11a = 1 [youth had independent living skills or occupational training since high school]
			Notes Set np4F11b_[a-g] to 0 [no] if np4F11a = 0 [youth has not received independent living skills or occupational training in the past 2 years/since high school]	
			np4F11b_a Using transportation	
			np4F11b_b Home care skills	
			np4F11b_c Financial issues	
			np4F11b_d Self care skills	
			np4F11b_e Relationship skills	
			np4F11b_f Parenting skills	
			np4F11b_g Self advocacy skills	
np4F11b_h (created) Youth did not receive life skills training or occupational therapy	Set np4F11b_h to 1 [yes] if np4F11a = 0 [youth has not received independent living skills or occupational training in the past 2 years/since high school]			
np4F11b_h (created) Youth did not receive life skills training or occupational therapy	Set np4F11b_h to 0 [no] if np4F11a or np4F14a_f = 1 [youth received independent living skills or occupational training in the past 2 years/since high school]			
● np4F11c_...[01-12]	F11c (1-12)	Who has provided youth with life skills training or occupational therapy	Numeric Variable Values 1 Yes 0 No	Base Asked parent/guardian respondents if InSchInPastYear = 0 and np4F11a = 1 [youth not in secondary school in the last year and had independent living skills or occupational training since high school]
			Notes Text from other specify recoded into existing categories	
			np4F11c_01 A regular high school	
			np4F11c_02 A special school for youth with disabilities	
			np4F11c_03 A 4- or 2-year college	
			np4F11c_04 Postsecondary vocational, business, or technical school	
			np4F11c_05 Youth's employer	
			np4F11c_06 The Vocational Rehabilitation Agency (Voc Rehab)	
			np4F11c_07 Developmental Disabilities Agency	
			np4F11c_08 Other agency serving persons with disabilities	
			np4F11c_09 Group home or supported living program	
			np4F11c_10 Hospital or health program	
			np4F11c_11 Correctional facility	
np4F11c_12 Other				

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

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Section F: Services					
Variable Name	Source	Variable Description	Variable Type and Values		Base: Which Respondents Asked Variable Name by Wave
			Notes: Assignments, Modifications, and/or Validations		
● np4F12a	F12a	Youth is currently receiving independent living skills or occupational training	Numeric Variable Values 1 Yes 0 No Notes Set 1 [yes] if np4F14b_f = 1 [youth is currently receiving life skills or occupational training] Set 0 [no] if np4F11a = 0 [has not received independent living skills/occupational training in past 2 years/since high school]		Base Asked parent/guardian respondents if InSchInPastYear = 0 and np4F11a = 1 [youth not in secondary school in the last year and had independent living skills or occupational training since high school] Variable Name by Wave <i>Please note: Items in italics are similar to but not exactly the same as Wave 4 items</i> 1: [not asked this wave] 4: np4F12a 2: np2F12a 5: np5C1b_e 3: np3F12a
● np4F12b_...[a-h]	F12b (a-g)	Types of life skills training or occupational therapy youth is currently receiving	Numeric Variable Values 1 Yes 0 No Notes Set np4F12b_[a-g] to 0 [no] if np4F12a = 0 [youth is not currently receiving life skills or occupational training] Set np4F12b_h to 1 [yes] if np4F12a and np4F14b_f = 0 [youth is not currently receiving life skills or occupational training] Set np4F12b_h to 0 [no] if np4F12a or np4F14b_f = 1 [youth is currently receiving life skills or occupational training]		Base Asked parent/guardian respondents if InSchInPastYear = 0 and np4F11a = 1 [youth not in secondary school in the last year and had independent living skills or occupational training since high school] and np4F12a = 1 [youth is currently receiving independent living skills or occupational training] Base increased by assignments listed in notes Variable Name by Wave <i>Please note: Items in italics are similar to but not exactly the same as Wave 4 items</i> 1: [not asked this wave] 4: np4F12b_ [a-h] 2: np2F12b_ [a-g] 5: np5C4b_ [a-h] 3: np3F12b_ [a-g]
● np4F12c_...[01-12]	F12c (1-12)	Who is providing youth with job training or help	Numeric Variable Values 1 Yes 0 No Notes Text from other specify recoded into existing categories		Base Asked parent/guardian respondents if InSchInPastYear = 0 and np4F12a = 1 [youth not in secondary school in the last year and is currently receiving independent living skills or occupational training] and respondent indicated 2 or more yes responses in np4F11c_[01-15] [more than 1 source of independent living skills or occupational training since high school] Variable Name by Wave 1: [not asked this wave] 4: np4F12c_ [01-12]
		np4F12c_01 A regular high school			
		np4F12c_02 A special school for youth with disabilities			
		np4F12c_03 A 4- or 2-year college			
		np4F12c_04 Postsecondary vocational, business, or technical school			
		np4F12c_05 Youth's employer			
		np4F12c_06 The Vocational Rehabilitation Agency (Voc Rehab)			
		np4F12c_07 Developmental Disabilities Agency			
		np4F12c_08 Other agency serving persons with disabilities			

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

Section F: Services				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
np4F12c_09 np4F12c_10 np4F12c_11 np4F12c_12	Group home or supported living program Hospital or health program Correctional facility Other			2: np2F12c_ [01-12] 5: [not asked this wave] 3: np3F12c_ [01-12]
● np4F12d	F12d	Family or youth pays for living skills or occupational therapy, or is it paid for some other way	Numeric Variable Values 1 Family or youth pays 2 Paid for in some other way <hr/> Notes Set 1 [family or youth pays] if np4F14c_f = 1 [family or youth pays for life skills or occupational training]	Base Asked parent/guardian respondents if InSchInPastYear = 0 and np4F12a = 1 [youth not in secondary school in the last year and is currently receiving independent living skills or occupational training] <hr/> Variable Name by Wave 1: [not asked this wave] 4: np4F12d 2: np2F12d 5: [not asked this wave] 3: np3F12d
● np4F12e	F12e	Youth is receiving enough training or help with life skills or occupational therapy	Numeric Variable Values 1 Yes 0 No	Base Asked parent/guardian respondents if InSchInPastYear = 0 [not in secondary school in the last year] and np4F11a = 1 [youth had independent living skills or occupational training since high school] <hr/> Variable Name by Wave 1: [not asked this wave] 4: np4F12e 2: np2F12e 5: [not asked this wave] 3: np3F12e
● np4F12f	F12f	Usefulness of life skills training or occupational therapy for youth	Numeric Variable Values 1 Very useful 2 Somewhat useful 3 Not very useful 4 Not at all useful	Base Asked parent/guardian respondents if InSchInPastYear = 0 and np4F11a = 1 [youth not in secondary school in the last year and had independent living skills or occupational training since high school] <hr/> Variable Name by Wave <i>Please note: Items in italics are similar to but not exactly the same as Wave 4 items</i> 1: [not asked this wave] 4: np4F12f 2: np2F12f 5: np5C4d 3: np3F12f

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

Section F: Services				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
● np4F13a	F13a	Youth currently needs life skills training or occupational therapy	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <p>Notes</p> <p>Set 1 [yes] if np4F14f_f = 1 [youth needs life skills or occupational training]</p> <p>Set to 0 [no] if np4F11a = 3 [youth would never need this service]</p>	<p>Base</p> <p>Asked parent/guardian respondents if InSchInPastYear = 0 [not in secondary school in the last year] and np4F11a ≠ 3 [respondent did not indicate youth would never need this type of service]</p> <p>Variable Name by Wave</p> <p><i>Please note: Items in italics are similar to but not exactly the same as Wave 4 items</i></p> <p>1: [not asked this wave] 4: np4F13a 2: np2F13a 5: np5C5a 3: np3F13a</p>
● np4F13b_...[01-08]	F13b (1-7)	Types of life skills training or occupational therapy youth needs	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <p>Notes</p> <p>Set np4F13b_[01-07] to 0 [no] if np4F12a = 0 [youth does not need life skills or occupational training]</p> <p>Set np4F13b_08 to 1 [yes] if np4F12a = 0 [youth does not need life skills or occupational training]</p> <p>Set np4F13b_08 to 0 [no] if np4F12a = 1 [youth needs life skills or occupational training]</p>	<p>Base</p> <p>Asked parent/guardian respondents if InSchInPastYear = 0 and np4F11a ≠ 3 [youth not in secondary school in the last year and respondent did not indicate youth would never need this type of service] and np4F13a = 1 [youth needs independent living skills or occupational training]</p> <p>Base increased by assignments listed in notes</p> <p>Variable Name by Wave</p> <p><i>Please note: Items in italics are similar to but not exactly the same as Wave 4 items</i></p> <p>1: [not asked this wave] 4: np4F13b_[01-08] 2: np2F13b_[01-07] 5: np5C5b_[01-08] 3: np3F13b_[01-07]</p>
● np4F13c	F13c	Someone has been trying to get life skills training or occupational therapy for youth	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p>	<p>Base</p> <p>Asked parent/guardian respondents if InSchInPastYear = 0 and np4F13a = 1 [youth not in secondary school in the last year and respondent indicated that youth needs this type of service]</p> <p>Variable Name by Wave</p> <p><i>Please note: Items in italics are similar to but not exactly the same as Wave 4 items</i></p> <p>1: [not asked this wave] 4: np4F13c 2: np2F13c 5: np5C5c 3: np3F13c</p>

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

Section F: Services					
Variable Name	Source	Variable Description	Variable Type and Values		Base: Which Respondents Asked Variable Name by Wave
			Notes: Assignments, Modifications, and/or Validations		
● np4F13d	F13d	Youth is on a waiting list for life skills training or occupational therapy	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <hr/> <p>Notes</p> <p>Set to 1 [yes] if np4F14h_f = 1 [youth or family trying to get life skills or occupational training]</p> <p>Set np4F13d to 0 [no] if np4F13c = 0 [no one is trying to get life skills or occupational training for youth]</p>		<p>Base</p> <p>Asked parent/guardian respondents if InSchInPastYear = 0 and np4F13a = 1 [youth not in secondary school in the last year and respondent indicated that youth needs this type of service] and np4F13c = 1 [someone has tried to get this service]</p> <hr/> <p>Variable Name by Wave</p> <p><i>Please note: Items in italics are similar to but not exactly the same as Wave 4 items</i></p> <p>1: [not asked this wave] 4: np4F13d 2: np2F13d 5: np5C5d 3: np3F13d</p>
Supervised Group Home or Living Arrangements for Youth Out-of-Secondary School a Year or More					
● np4F13e	F13e [Q30]	Youth has lived in a supervised group home in the past two years	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <hr/> <p>Notes</p> <p>Set np4F13e to 0 [no] if NoDisab, LDSpOnly, or np4A6a_[05, 06, 08, 09, or 10] = 1 [youth does not have a disability, has no disability other than LD and/or speech, or lives away from home]</p> <p>Set to 1 [yes] if np4A6a_10 = 1 [youth currently lives in a group home]</p> <p>This item includes data from the Family Survey (mail questionnaire Q30) and the Abbreviated Interview (F14ap)</p>		<p>Base</p> <p>Asked parent/guardian respondents if InSchInPastYear = 0 and np4F11a ≠ 3 [youth not in secondary school in the last year and respondent did not indicate youth would never need this type of service] and NoDisab, LDSp_Only, np4A6a_[05, 06, 08, 09, 10, and 16] ≠ 1 [respondent did not indicate that youth had no disability, youth's only disability was LD or speech, or youth lived in a group home, alone, with a spouse or roommate, in college or military housing, or Job Corps/on job housing]</p> <hr/> <p>Variable Name by Wave</p> <p><i>Please note: Items in italics are similar to but not exactly the same as Wave 4 items</i></p> <p>1: [not asked this wave] 4: np4F13e 2: np2F13e 5: np5[C1a/C1a1]_r 3: np3F13e</p>

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Section F: Services				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
● np4F13e1	F13e1	Youth currently lives in a supervised group home	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <hr/> <p>Notes</p> <p>Set to 1 [yes] if np4A6_10 = 1 [youth currently lives in a supervised group home]</p> <p>Set to 0 [no] if np4F13e = 0 [youth has not lived in a group home in the past two years]</p> <p>This item was added in Wave 4</p>	<p>Base</p> <p>Asked parent/guardian respondents if InSchInPastYear = 0 and np4F11a ≠ 3 [youth not in secondary school in the last year and respondent did not indicate youth would never need this type of service]; NoDisab, LDSp_Only, np4A6a_[05, 06, 08, 09, 10, and 16] ≠ 1 [respondent did not indicate that youth had no disability, youth's only disability was LD or speech, or youth lived in a group home, alone, with a spouse or roommate, or in college or military housing, or Job Corps/on job housing]; and np4F13e = 1 [youth has lived in a supervised group home in the past two years]</p> <hr/> <p>Variable Name by Wave</p> <p><i>Please note: Items in italics are similar to but not exactly the same as Wave 4 items</i></p> <p>1: [not asked this wave] 4: np4F13e1 2: [not asked this wave] 5: np5C1b_r 3: [not asked this wave]</p>
● np4F13f	F13f	Someone has tried to arrange for youth to live away from home in a supervised group home	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <hr/> <p>Notes</p> <p>Set np4F13f to 0 [no] if NoDisab, LDSpOnly, or np4A6a_[05, 06, 08, 09, or 10] = 1 [youth does not have a disability, has no disability other than LD and/or speech, or lives away from home]</p>	<p>Base</p> <p>Asked parent/guardian respondents if InSchInPastYear = 0, np4F11a and np4F13e ≠ 3, and NoDisab, LDSp_Only, np4A6a_[05, 06, 08, 09, 10, and 16] ≠ 1 [youth not in secondary school in the last year and respondent did not indicate youth would never need this type of service, youth had no disability, youth's only disability was LD or speech, or youth lived in a group home, alone, with a spouse or roommate, in college or military housing, or Job Corps/on job housing]</p> <hr/> <p>Variable Name by Wave</p> <p><i>Please note: Items in italics are similar to but not exactly the same as Wave 4 items</i></p> <p>1: [not asked this wave] 4: np4F13f 2: np2F13f 5: np5C1f_r 3: np3F13f</p>

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Section F: Services				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
● np4F13g	F13g	Youth is on a waiting list for a supervised living arrangement	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <p>Notes</p> <p>Set np4F13e to 0 [no] if NoDisab, LDSpOnly, or np4A6a_[05, 06, 08, 09, or 10] = 1 [youth does not have a disability, has no disability other than LD and/or speech, or lives away from home]</p> <p>or</p> <p>np4F13f = 0 [no one has tried to arrange for youth to live in a group home]</p>	<p>Base</p> <p>Asked parent/guardian respondents if InSchInPastYear = 0, np4F11a and np4F13e ≠ 3, and NoDisab, LDSp_Only, np4A6a_[05, 06, 08, 09, 10 and 16] ≠ 1 [youth not in secondary school in the last year and respondent did not indicate youth would never need this type of service, youth had no disability, youth's only disability was LD or speech, or youth lived in a group home, alone, with a spouse or roommate, in college or military housing, or Job Corps/on job housing] and np4F13f = 1 [someone has tried to arrange for this service]</p> <p>Variable Name by Wave</p> <p><i>Please note: Items in italics are similar to but not exactly the same as Wave 4 items</i></p> <p>1: [not asked this wave] 4: np4F13g 2: np2F13g 5: np5C1g_r 3: np3F13g</p>
Services Received by Youth Out-of-Secondary School a Year or More				
● np4F14a_...[a-v]	F14a (a-s) [Q29-Q30]	Youth received any of the following services since high school [or in the past 2 years if youth out of high school in the prior wave]	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <p>Notes</p> <p>Set np4F14a_f to 1 [received occupational therapy or life skills training] if np4F11a = 1 [received occupational therapy or life skills training in the past 2 years/since high school]</p> <p>Set np4F14a_v to value of np4F8a [if received vocational services/job skills training in the past 2 years/since high school]</p> <p>Set np4F14a_b to 0 [did not receive audiology services] if np4B4a = 1 [youth hears normally]</p> <p>Set np4F14a_g to 0 [does not receive orientation and mobility services] if OI_OHI_MH_VI = 0 and NormalUse = 1 [respondent did not confirm physical impairment, other health impairment, multiply handicapped, traumatic brain injury, deafness-blindness, or visual</p>	<p>Base</p> <p>Asked parent/guardian respondents if InSchInPastYear = 0 [not in secondary school in the last year]</p> <p>All respondents asked np4F14a[a, c-f, h-j, l, m, o, and p]</p> <p>np4F14a_b asked respondents if np4B4a ≠ 1 [respondent did not indicate that youth hears normally]</p> <p>np4F14a_g asked respondents if either OI_OHI_MH_VI = 1 or NormalUse = 0 [respondent confirmed physical impairment, other health impairment, multiply handicapped, or Visual Impairment or that youth had trouble seeing, using hands and arms, or using legs and feet normally]</p> <p>np4F14a[k and n] asked respondents if either OtherDis = 1 or np4B7a ≠ 1-3 [youth has a disability other than speech or LD confirmed or youth's health was fair or poor]</p>
np4F14a_a	Speech/language therapy or communication services			
np4F14a_b	Audiology services for Hearing Impairment			
np4F14a_c	Psychological or mental health services or counseling, anger management, behavior therapy, art and music therapy			
np4F14a_d	Physical therapy			
np4F14a_e	Social work services			
np4F14a_f	Occupational therapy or life skills therapy or training			
np4F14a_g	orientation and mobility services			
np4F14a_h	Medical services for diagnosis or evaluation related to youth's special needs			
np4F14a_i	Personal assistant, in-home or in-classroom aide			
np4F14a_j	Reader or interpreter (including sign language)			

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Section F: Services				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
np4F14a_k	Nursing care		impairment and respondent reported that youth had normal usage of limbs]	Variable Name by Wave <i>Please note: Items in italics are similar to but not exactly the same as Wave 4 items</i> 1: [not asked this wave] 3: np3F14a_[a-t] 2: np2F14a_[a-p] 4: np4F14a_[a-v] 5: np5[C1a/C1a1]_[a-w]
np4F14a_L	Assistive technology services or devices			
np4F14a_m	Transportation because of youth's special needs		Set np4F14a_[k and n] to 0 [did not have nursing care or respite care] if	
np4F14a_n	Respite care		NoDisab or LDSPOnly = 1 and np4B7a = 1-3	
np4F14a_o	Financial aid		[youth does not have a confirmed disability or no disability other than speech or LD and respondent reported that youth's health is good, very good, or excellent]	
np4F14a_p	Other services for special needs			
np4F14a_q	Educational assistance or support/tutoring			
np4F14a_r	Childcare services or parenting skills training			
np4F14a_s	Housing assistance or services		Set np4F14a_t to 1 [does not receive services] if	
np4F14a_u	(coded) Adult recreation services/adult daycare		np4F14a[a-s,u,v] ≠ 1 [did not report receiving any services]	
np4F14a_v	(created) Vocational services or job training		Set np4F14a_t to 0 [receives services] if	
np4F14a_t	(created) Does not receive services		any np4F14a[a-s,u,v] = 1 [reported receiving any services]	
			This item includes data from the Family Survey (mail questionnaire Q29 and Q30) and the Abbreviated Interview (F14ap)	
			Text from other specify recoded into existing categories	
• np4F14b_...[a-v]	F14b (a-s)	Youth is currently receiving any of the following services	Numeric Variable Values 1 Yes 0 No	Base Asked parent/guardian respondents if InSchInPastYear = 0 [not in secondary school in the last year] and corresponding np4F14a_[a-s] = 1 [youth received this service since high school]
np4F14b_a	Speech/language therapy or communication services		Notes Set to np4F14b_[a-s,u,v] to 0 [no] if corresponding np4F14a_[a-s,u,v] = 0 [not currently receiving service if youth has not received service since high school]	
np4F14b_b	Audiology services for Hearing Impairment			
np4F14b_c	Psychological or mental health services or counseling, anger management, behavior therapy, art and music therapy			
np4F14b_d	Physical therapy			
np4F14b_e	Social work services		Set np4F14b_f to 1 [yes] if	
np4F14b_f	Occupational therapy or life skills therapy or training		np4F12a = 1 [currently receives occupational or life skills therapy]	
np4F14b_g	orientation and mobility services		Set np4F14b_v to value of np4F9a	
np4F14b_h	Medical services for diagnosis or evaluation related to youth's special needs		[if receives vocational services/job skills training now]	
np4F14b_i	Personal assistant, in-home or in-classroom aide		Set np4F14b_t to 1 [does not receive services] if	
np4F14b_j	Reader or interpreter (including sign language)		np4F14b[a-s,u,v] ≠ 1 [did not report receiving any services]	
np4F14b_k	Nursing care			
				Variable Name by Wave <i>Please note: Items in italics are similar to but not exactly the same as Wave 4 items</i> 1: [not asked this wave] 4: np4F14b_[a-v] 2: np2F14b_[a-p] 5: np5C1b_[a-w] 3: np3F14b_[a-t]

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Section F: Services				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
np4F14b_L	Assistive technology services or devices	Set np4F14b_t to 0 [receives services] if any np4F14b[a-s,u,v] = 1 [reported receiving any services]	Text from other specify recoded into existing categories	
np4F14b_m	Transportation because of youth's special needs			
np4F14b_n	Respite care			
np4F14b_o	Financial aid			
np4F14b_p	Other services for special needs			
np4F14b_q	Educational assistance or support/tutoring			
np4F14b_r	Childcare services or parenting skills training			
np4F14b_s	Housing assistance or services			
np4F14b_u	(coded) Adult recreation services/adult daycare			
np4F14b_v	(created) Vocational services or job training			
np4F14b_t	(created) Does not receive services			
np4F14c_...[a-v]	F14c (a-s)	Family or youth pays for any of the following services	Numeric Variable Values 1 Yes 0 No	Base Asked parent/guardian respondents if InSchInPastYear = 0 [not in secondary school in the last year] and corresponding np4F14b_[a-s] = 1 [youth currently receives this service]
np4F14c_a	Speech/language therapy or communication services	Set to np4F14c_[a-t] to 0 [no] if corresponding np4F14a_[a-t] = 0 [family not currently paying for service if youth has not received service since high school]	Notes Set np4F14c_f to 1 [yes] if np4F12d = 1 [family or youth pays for occupational/life skills training] Set np4F14c_v to value of np4F9d [if family or youth pays for vocational services/job skills training] Set np4F14c_t to 1 [does not receive services] if np4F14b_t = 1 [did not report receiving any services] Set np4F14a_t to 0 [receives services] if any np4F14a_t = 0 [reported receiving any services] Text from other specify recoded into existing categories	Variable Name by Wave 1: [not asked this wave] 4: np4F14c_[a-v] 2: np2F14c_[a-p] 5: [not asked this wave] 3: np3F14c_[a-t]
np4F14c_b	Audiology services for Hearing Impairment			
np4F14c_c	Psychological or mental health services or counseling, anger management, behavior therapy, art and music therapy			
np4F14c_d	Physical therapy			
np4F14c_e	Social work services			
np4F14c_f	Occupational therapy or life skills therapy or training			
np4F14c_g	orientation and mobility services			
np4F14c_h	Medical services for diagnosis or evaluation related to youth's special needs			
np4F14c_i	Personal assistant, in-home or in-classroom aide			
np4F14c_j	Reader or interpreter (including sign language)			
np4F14c_k	Nursing care			
np4F14c_L	Assistive technology services or devices			
np4F14c_m	Transportation because of youth's special needs			
np4F14c_n	Respite care			
np4F14c_o	Financial aid			
np4F14c_p	Other services for special needs			
np4F14c_q	Educational assistance or support/tutoring			
np4F14c_r	Childcare services or parenting skills training			

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Section F: Services				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
np4F14c_s np4F14c_u np4F14c_v np4F14c_t	Housing assistance or services (coded) Adult recreation services/adult daycare (created) Vocational services or job training (created) Does not receive services			
● np4F14d	F14d	Overall youth is receiving enough services	Numeric Variable Values 1 Yes 0 No	Base Asked parent/guardian respondents if InSchInPastYear = 0 [not in secondary school in the last year] and any np4F14b_[a-s] = 1 [youth currently receives any of these services] Variable Name by Wave 1: [not asked this wave] 4: np4F14d 2: np2F14d 5: [not asked this wave] 3: np3F14d
● np4F14e	F14e	Youth needs services other than those that he or she is currently receiving	Numeric Variable Values 1 Yes 0 No	Base Asked parent/guardian respondents if InSchInPastYear = 0 [not in secondary school in the last year] Variable Name by Wave <i>Please note: Items in italics are similar to but not exactly the same as Wave 4 items</i> 1: [not asked this wave] 4: np4F14e 2: np2F14e 5: <i>np5C1d</i> 3: np3F14e
● np4F14f_...[a-v]	F14f(a-s)	Youth currently needs any of the following services	Numeric Variable Values 1 Yes 0 No Notes Set to np4F14f_[a-s,u,v] to 0 [no] if np4F14e = 0 [youth does not need this service if youth does not need any services other than those he or she is already receiving] Set np4F14f_f to 1 [yes] if np4F13a = 1 [youth needs occupational/life skills training] Set np4F14f_v to value of np4F10a [if youth needs vocational services/job skills]	Base Asked parent/guardian respondents if InSchInPastYear = 0 [not in secondary school in the last year] and np4F14e = 1 [youth needs any services] Variable Name by Wave <i>Please note: Items in italics are similar to but not exactly the same as Wave 4 items</i> 1: [not asked this wave] 4: np4F14f_[a-v] 2: np2F14f_[a-p] 5: <i>np5C1e_[a-w]</i> 3: np3F14f_[a-t]
	np4F14f_a	Speech/language therapy or communication services		
	np4F14f_b	Audiology services for Hearing Impairment		
	np4F14f_c	Psychological or mental health services or counseling, anger management, behavior therapy, art and music therapy		
	np4F14f_d	Physical therapy		
	np4F14f_e	Social work services		
	np4F14f_f	Occupational therapy or life skills therapy or training		
	np4F14f_g	orientation and mobility services		
	np4F14f_h	Medical services for diagnosis or evaluation related to youth's special needs		

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Section F: Services				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
np4F14f_i		Personal assistant, in-home or in-classroom aide	training]	
np4F14f_j		Reader or interpreter (including sign language)	Set np4F14f_t to 1 [yes] if	
np4F14f_k		Nursing care	np4F14e = 0 [youth does not need any services other than those he or she is already receiving]	
np4F14f_L		Assistive technology services or devices	Text from other specify recoded into existing categories	
np4F14f_m		Transportation because of youth's special needs		
np4F14f_n		Respite care		
np4F14f_o		Financial aid		
np4F14f_p		Other services for special needs		
np4F14f_q		Educational assistance or support/tutoring		
np4F14f_r		Childcare services or parenting skills training		
np4F14f_s		Housing assistance or services		
np4F14f_u		(coded) Adult recreation services/adult daycare		
np4F14f_v		(created) Vocational services or job training		
np4F14f_t		(created) Does not receive services		
● np4F14g_...[a-v]	F14g (a-s)	Someone is trying to get any of the following services for youth	Numeric Variable Values 1 Yes 0 No	Base Asked parent/guardian respondents if InSchInPastYear = 0 [not in secondary school in the last year] and corresponding np4F14f_[a-s] = 1 [youth needs this service]
np4F14g_a		Speech/language therapy or communication services	Notes Set to np4F14g_[a-s,u,v] to 0 [no] if corresponding np4F14f_[a-s,u,v] = 0 [family not trying to get service if youth does not need this service]	Variable Name by Wave <i>Please note: Items in italics are similar to but not exactly the same as Wave 4 items</i>
np4F14g_b		Audiology services for Hearing Impairment	Set np4F14g_f to 1 [yes] if np4F13c = 1 [family tried to get occupational/life skills training for youth]	1: [not asked this wave] 4: np4F14g_[a-v]
np4F14g_c		Psychological or mental health services or counseling, anger management, behavior therapy, art and music therapy	Set np4F14g_v to value of np4F10c [if someone has been trying to get vocational services/job skills training for youth]	2: np2F14g_[a-p] 5: np5C1f_[a-w]
np4F14g_d		Physical therapy	Set np4F14g_t to 1 [yes] if np4F14e = 0 [youth does not need any services other than those he or she is already receiving]	3: np3F14g_[a-t]
np4F14g_e		Social work services	Text from other specify recoded into existing categories	
np4F14g_f		Occupational therapy or life skills therapy or training		
np4F14g_g		orientation and mobility services		
np4F14g_h		Medical services for diagnosis or evaluation related to youth's special needs		
np4F14g_i		Personal assistant, in-home or in-classroom aide		
np4F14g_j		Reader or interpreter (including sign language)		
np4F14g_k		Nursing care		
np4F14g_L		Assistive technology services or devices		
np4F14g_m		Transportation because of youth's special needs		

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Section F: Services				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
np4F14h_v np4F14h_t	(created) (created)	Vocational services or job training Does not receive services		
● np4F15a	F15a	Amount of effort needed for family to get services for youth in the last 12 months.	Numeric Variable Values 1 A great deal of effort 2 Some effort 3 A little effort 4 Almost no effort	Base Asked parent/guardian respondents if InSchInPastYear = 0 [not in secondary school in the last year] and any np4F14a_[a-s] = 1 [youth has received any of these services since high school]
				Variable Name by Wave <i>Please note: Items in italics are similar to but not exactly the same as Wave 4 items</i> 1: [not asked this wave] 4: np4F15a 2: np2F15a 5: np5C6a 3: np3F15a
● np4F15b_...[01-10]	F15b (1-10)	Where family learns about appropriate services for youth	Numeric Variable Values 1 Yes 0 No	Base Asked parent/guardian respondents if InSchInPastYear = 0 [not in secondary school in the last year] and any np4F14a_[a-s] or np4F14e = 1 [youth has received or needed any services since high school]
			Notes Text from other specify recoded into existing categories	Variable Name by Wave <i>Please note: Items in italics are similar to but not exactly the same as Wave 4 items</i> 1: np1H5_[01-09, 91] 4: np4F15b_[01-10] 2: np2F15b_[01-10] 5: np5C6b_[01-10] 3: np3F15b_[01-10]
● np4F15c_...[a-m]	F15c (a-l)	If any of the following has been a problem in getting or dealing with services	Numeric Variable Values 1 Yes 0 No	Base Asked parent/guardian respondents if InSchInPastYear = 0 [not in secondary school in the last year] and any np4F14a_[a-s] or np4F14e = 1 [youth has received or needed any services since high school]
			Notes Text from other specify recoded into existing categories Set np4F15c_d j to 0 if HasOI = 0 [getting physical accessibility of services has not been a problem if youth does not have a confirmed orthopedic impairment]	All respondents asked np4F15[a-c and e-l] np4F15c_d asked respondents if HasOI = 1 [youth has a physical impairment]
				Variable Name by Wave <i>Please note: Items in italics are similar to but not</i>

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Section F: Services						
Variable Name	Source	Variable Description	Variable Type and Values		Base: Which Respondents Asked	
			Notes: Assignments, Modifications, and/or Validations		Variable Name by Wave	
np4F15c_j np4F15c_k np4F15c_l np4F15c_m		Youth not being eligible for the service Getting information about services/lack of communication Other (coded) Youth does not want or need services			<i>exactly the same as Wave 4 items</i> 1: np1H7[a-1] 4: np4F15c_[a-m] 2: np2F15c_[a-1] 5: np5C65c_[a-m] 3: np3F15c_[a-1]	
Case Management Services Received by Youth Out-of-Secondary School a Year or More						
● np4F16a	F16a	Youth has a case manager to coordinate services	Numeric Variable Values 1 Yes 0 No		Base Asked parent/guardian respondents if InSchInPastYear = 0 [not in secondary school in the last year] and any np4F14b_[a-s] = 1 [youth currently receives any of these services]	
					Variable Name by Wave <i>Please note: Items in italics are similar to but not exactly the same as Wave 4 items</i> 1: np1H2a 4: np4F16a 2: np2F16a 5: np5C1b_u 3: np3F16a	
● np4F16b_...[01-04] np4F16b_01 np4F16b_02 np4F16b_03 np4F16b_04	F16b (1-4)	Case manager is Someone at the school, district, or board of education A professional outside school Respondent or another family member Other	Numeric Variable Values 1 Yes 0 No		Base Asked parent/guardian respondents if InSchInPastYear = 0 and any np4F14b_[a-s] = 1 [youth not in secondary school in the last year and currently receives any of these services] and np4F16a = 1 [youth has a case manager or someone who coordinates services]	
			Notes Text from other specify recoded into existing categories		Variable Name by Wave <i>Please note: Items in italics are similar to but not exactly the same as Wave 4 items</i> 1: np1H2b_[01-03, 91] 4: np4F16b_[01-04] 2: np2F16b_[01-04] 5: np5C7a_[01-04] 3: np3F16b_[01-04]	

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Section F: Services					
Variable Name	Source	Variable Description	Variable Type and Values		Base: Which Respondents Asked Variable Name by Wave
			Notes: Assignments, Modifications, and/or Validations		
● np4F16c	F16c	Usefulness of case management services	Numeric Variable Values 1 Very useful 2 Somewhat useful 3 Not very useful 4 Not at all useful		Base Asked parent/guardian respondents if InSchInPastYear = 0 and any np4F14b_[a-s] = 1 [youth not in secondary school in the last year and currently receives any of these services] and np4F16a = 1 [youth has a case manager or someone who coordinates services]
					Variable Name by Wave <i>Please note: Items in italics are similar to but not exactly the same as Wave 4 items</i> 1: [not asked this wave] 4: np4F16c 2: np2F16c 5: np5C7b 3: np3F16c
● np4F16d	F16d	Youth is getting enough case management services	Numeric Variable Values 1 Yes 0 No		Base Asked parent/guardian respondents if InSchInPastYear = 0 and any np4F14b_[a-s] = 1 [youth not in secondary school in the last year and currently receives any of these services] and np4F16a = 1 [youth has a case manager or someone who coordinates services]
					Variable Name by Wave <i>Please note: Items in italics are similar to but not exactly the same as Wave 4 items</i> 1: [not asked this wave] 4: np4F16d 2: np2F16d 5: np5C7c 3: np3F16d
● np4F16e	F16e	Youth needs a case manager	Numeric Variable Values 1 Yes 0 No		Base Asked parent/guardian respondents if InSchInPastYear = 0 and any np4F14b_[a-s] = 1 [youth not in secondary school in the last year and currently receives any of these services] and np4F16a ≠ 1 [youth does not have a case manager or someone who coordinates services]
					Variable Name by Wave <i>Please note: Items in italics are similar to but not exactly the same as Wave 4 items</i> 1: [not asked this wave] 4: np4F16e 2: np2F16e 5: np5C8a 3: np3F16e

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

D1—NLTS2 Wave 4 Parent/Youth Survey: Part 1 Parent/Guardian

Section F: Services					
Variable Name	Source	Variable Description	Variable Type and Values		Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations		Variable Name by Wave
● np4F16f	F16f	Someone has tried to get a case manager	Numeric Variable Values 1 Yes 0 No		Base Asked parent/guardian respondents if InSchInPastYear = 0 and any np4F14b_[a-s] = 1 [youth not in secondary school in the last year and currently receives any of these services] and np4F16a ≠ 1 and np4F16e = 1 [youth does not have a case manager or someone who coordinates services and needs this service]
					Variable Name by Wave <i>Please note: Items in italics are similar to but not exactly the same as Wave 4 items</i> 1: [not asked this wave] 4: np4F16f 2: np2F16f 5: np5C8b 3: np3F16f
● np4F16g	F16g	Youth is on a waiting list for a case manager	Numeric Variable Values 1 Yes 0 No		Base Asked parent/guardian respondents if InSchInPastYear = 0 and any np4F14b_[a-s] = 1 [youth not in secondary school in the last year and currently receives any of these services] and np4F16a ≠ 1 and np4F16f = 1 [youth does not have a case manager or someone who coordinates services and has tried to get this service]
					Variable Name by Wave <i>Please note: Items in italics are similar to but not exactly the same as Wave 4 items</i> 1: [not asked this wave] 4: np4F16g 2: np2F16g 5: np5C8c 3: np3F16g

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

Section F: Services Created Variables				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
● np4F8a_ever	(created)	Youth has ever had career counseling, help finding a job, or vocational education since leaving high school [if ever reported in current or prior wave]	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <p>Notes</p> <p>Set to 1 [ever received this service since high school] if np2F8a, np3F8a, or np4F8a = 1 [reported receiving this service since leaving high school in current or prior wave]</p> <p>Set to 0 [never received this service since high school] if [np2/np3]F8a ≠ 1 and np4F8a = 0 [did not report receiving this service since leaving high school in current or prior wave] or np4F8a = .d and [np2/np3]F8a = 0 [don't know in current wave and if data available from a prior wave, did not have this service at that time]</p>	<p>Base</p> <p>Parent/guardian respondents with responses to items listed in notes</p> <p>Variable Name by Wave</p> <p>1: [not asked this wave] 4: np4F8_ever 2: [not created this wave] 5: [not created this wave] 3: np3F8_ever</p>
● np4F8b_...[a-]_ever	(created)	Types of job training or help youth ever received since leaving high school [if ever reported in current or prior wave]	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <p>Notes</p> <p>Set to 1 [ever received this type of service] if corresponding np2F8b_[a-i], np3F8b_[a-i], or np4F8b_[a-i] = 1 [reported receiving this type of service since leaving high school in current or prior wave]</p> <p>Set to 0 [did not ever receive this service] if corresponding [np2/np3]F8b_[a-i] ≠ 1 and np4F8b_[a-i] = 0 [did not report receiving services from this source in current or prior wave] or corresponding np4F8b_[a-i] = .d and corresponding np2F8b_[a-i] or np3F8b_[a-i] = 0 [don't know in</p>	<p>Base</p> <p>Parent/guardian respondents with responses to items listed in notes</p> <p>Variable Name by Wave</p> <p>1: [not asked this wave] 4: np4F8b_[a-j]_ever 2: [not created this wave] 5: [not created this wave] 3: np3F8b_[a-i]_ever</p>
np4F8b_a_ever		Testing to find out youth's interests or abilities		
np4F8b_b_ever		Training in specific job skills		
np4F8b_c_ever		Training in basic skills needed for work		
np4F8b_d_ever		Career counseling		
np4F8b_e_ever		Help in learning to look for a job		
np4F8b_f_ever		Job shadowing		
np4F8b_g_ever		Apprenticeships or internships		
np4F8b_h_ever		Help in finding a job		
np4F8b_i_ever		Other		
np4F8b_j_ever		Youth has not received job training or help since high school		

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

Section F: Services Created Variables				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
			current wave and if data available from a prior wave, youth did not have this service at that time] Set np4F8b_j_ever to 1 [has not received services] if np4F8a_ever ≠ 1 [did not report receiving job training or help in a current or prior wave] Set np4F8b_j_ever to 0 [has received services] if np4F8a_ever = 1 [reported receiving job training or help in a current or prior wave]	
• np4F8c_...[01-15]_ever	(created)	Who has ever provided youth with job training or help since leaving high school[if ever reported in current or prior wave]	Numeric Variable Values 1 Yes 0 No	Base Parent/guardian respondents with responses to items listed in notes
np4F8c_01_ever	A regular high school		Notes Set to 1 [ever provided service] if corresponding np2F8c_[01-15], np3F8c_[01-15], or np4F8c_[01-15] = 1 [reported receiving services from this source in current or prior wave] Set to 0 [did not ever provide] if corresponding np2F8c_[01-15] and n32F8c_[01-15] ≠ 1 and np4F8c_[01-11] = 0 [did not report receiving services from this source in current or prior wave] or corresponding np4F8c_[01-15] = .d and [np2/np3]F8c_[01-15] = 0 [don't know in current wave and if data available from a prior wave, youth did not receive service from this source at that time]	Variable Name by Wave <i>Please note: Items in italics are similar to but not exactly the same as Wave 3 items</i> 1: [not asked this wave] 4: np4F8c_[01-15]_ever 2: [not created this wave] 5: np5C4c_[01-12]_ever 3: np3F8c_[01-15]_ever
np4F8c_02_ever	A special school for youth with disabilities			
np4F8c_03_ever	A 4- or 2-year college			
np4F8c_04_ever	Postsecondary vocational, business, or technical school			
np4F8c_05_ever	A family member or friend			
np4F8c_06_ever	Youth's employer			
np4F8c_07_ever	The Vocational Rehabilitation Agency (Voc Rehab)			
np4F8c_08_ever	Developmental Disabilities Agency			
np4F8c_09_ever	Other agency serving persons with disabilities			
np4F8c_10_ever	Goodwill/sheltered workshop			
np4F8c_11_ever	The military			
np4F8c_12_ever	JTPA, Job Corps, or other federal job training program			
np4F8c_13_ever	Group home or supported living program			
np4F8c_14_ever	Correctional facility			
np4F8c_15_ever	Other			

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Section F: Services Created Variables				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
● np4F11a_ever	(created)	Youth has ever had independent living skills training or occupational therapy since leaving high school [if ever reported in current or prior wave]	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <p>Notes</p> <p>Set to 1 [ever received this service since high school] if</p> <p>np2F11a, np3F11a, or np4F11a = 1 [reported receiving this service since leaving high school in current or prior wave]</p> <p>Set to 0 [never received this service since high school] if</p> <p>[np2/np3]F11a ≠ 1 and np4F11a = 0 [did not report receiving this service since leaving high school in current or prior wave] or np4F11a = .d and [np2/np3]F11a = 0 [don't know in current wave and if data available from a prior wave, did not receive this service at that time]</p>	<p>Base</p> <p>Parent/guardian respondents with responses to items listed in notes</p> <hr/> <p>Variable Name by Wave</p> <p>1: [not asked this wave] 4: np4F11a_ever 2: [not created this wave] 5: [not created this wave] 3: np3F11a_ever</p>
● np4F11b_...[a-h]_ever	(created)	Types of life skills training or occupational therapy youth has ever received since high school [if ever reported in current or prior wave]	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <p>Notes</p> <p>Set to 1 [ever received this type of service] if corresponding np2F11b_[a-g], np3F11b_[a-g], or np4F11b_[a-g] = 1 [reported receiving this type of service since leaving high school in current or prior wave]</p> <p>Set to 0 [did not ever receive this service] if corresponding [np2/np3]F11b_[a-g] ≠ 1 and np4F11b_[a-g] = 0 [did not report receiving services from this source in current or prior wave]</p>	<p>Base</p> <p>Parent/guardian respondents with responses to items listed in notes</p> <hr/> <p>Variable Name by Wave</p> <p>1: [not asked this wave] 2: [not created this wave] 3: np3F11b_[a-g]_ever 4: np4F11b_[a-h]_ever 5: [not created this wave]</p>
np4F11b_a_ever	Using transportation			
np4F11b_b_ever	Home care skills			
np4F11b_c_ever	Financial issues			
np4F11b_d_ever	Self care skills			
np4F11b_e_ever	Relationship skills			
np4F11b_f_ever	Parenting skills			
np4F11b_g_ever	Self advocacy skills			
np4F11b_h_ever	Youth has not received life skills training or occupational therapy since high school			

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

Section F: Services Created Variables				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
			or corresponding np4F11b_[a-g] = .d and [np2/np3]F11b_[a-g] = 0 [don't know in current wave and if data available from a prior wave, did not receive this service at that time] Set np4F11b_h_ever to 1 [has not received services] if np4F11a_ever ≠ 1 [did not report receiving life skills training or occupational therapy in a current or prior wave] Set np4F11b_h_ever to 0 [has received services] if np4F11a_ever = 1 [reported receiving life skills training or occupational therapy in a current or prior wave]	
• np4F11c_...[01-12]_ever	(created)	Who has ever provided youth with job training or help since high school [if ever reported in current or prior wave]	Numeric Variable Values 1 Yes 0 No	Base Parent/guardian respondents with responses to items listed in notes
np4F11c_01_ever	A regular high school		Notes Set to 1 [ever provided service] if corresponding np2F11c_[01-11], np3F11c_[01-11], or np4F11c_[01-11] = 1 [reported receiving services from this source in current or prior wave] Set to 0 [did not ever provide] if corresponding [np2/np3]F11c_[01-11] ≠ 1 and np4F11c_[01-11] = 0 [did not report receiving services from this source in current or prior wave] or corresponding np4F11c_[01-11] = .d and [np2/np3]F11c_[01-11] = 0 [don't know in current wave and if data available from a prior wave, did not receive service from this source at that time]	Variable Name by Wave 1: [not asked this wave] 2: [not created this wave] 3: np3F11c_[01-12]_ever 4: np4np3F11c_[01-12]_ever 5: [not created this wave]
np4F11c_02_ever	A special school for youth with disabilities			
np4F11c_03_ever	A 4- or 2-year college			
np4F11c_04_ever	Postsecondary vocational, business, or technical school			
np4F11c_05_ever	Youth's employer			
np4F11c_06_ever	The Vocational Rehabilitation Agency (Voc Rehab)			
np4F11c_07_ever	Developmental Disabilities Agency			
np4F11c_08_ever	Other agency serving persons with disabilities			
np4F11c_09_ever	Group home or supported living program			
np4F11c_10_ever	Hospital or health program			
np4F11c_11_ever	Correctional facility			
np4F11c_12_ever	Other			

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

Section F: Services Created Variables				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
● np4F13e_Ever	(created)	Youth has ever lived in a supervised group home or had residential services since leaving high school [if ever reported in current or prior wave]	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <p>Notes</p> <p>Set to 1 [ever received lived in a supervised group home] if np2F13e, np3F13e, or np4F13e = 1 [reported receiving this service since leaving high school in current or prior wave]</p> <p>Set to 0 [never received this service since high school] if [np2/np3]F13e ≠ 1 and np4F13e = 0 [did not report receiving this service since leaving high school in current or prior wave] or np4F13e = .d and [np2/np3]F13e = 0 [don't know in current wave and if data available from a prior wave, did not receive this service at that time]</p>	<p>Base</p> <p>Parent/guardian respondents with responses to items listed in notes</p> <p>Variable Name by Wave</p> <p>1: [not asked this wave] 4: np4F13e_ever 2: [not created this wave] 5: [not created this wave] 3: [not created this wave]</p>
● np4F14a_...[a-t]_ever	(created)	Youth ever received any of the following services since leaving high school [if ever reported in current or prior wave]	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <p>Notes</p> <p>Set np4F14a_[a-s]_ever to 1 [received service] if corresponding np2F14a_[a-p], np3F14a_[a-s], or np4F14a_[a-s] = 1 [reported receiving services from this source in current or prior wave]</p> <p>Set to np4F14a_[a-s]_ever to 0 [did not receive service] if corresponding [np2/np3]F14a_[a-s] ≠ 1 and np4F14a_[a-s] = 0 [did not report receiving this service in current or prior wave] or corresponding np4F14a_[a-s] = .d and [np2/np3]F14a_[a-s] = 0 [don't know in current wave and if data available from a prior wave, did not receive this service at that time][don't know]</p>	<p>Base</p> <p>Parent/guardian respondents with responses to items listed in notes</p> <p>Variable Name by Wave</p> <p>1: [not asked this wave] 4: np4F14a_[a-t]_ever 2: [not created this wave] 5: [not created this wave] 3: np3F14a_[a-t]_ever</p>
np4F14a_a_ever	Speech/language therapy or communication services			
np4F14a_b_ever	Audiology services for Hearing Impairment			
np4F14a_c_ever	Psychological or mental health services or counseling, anger management, behavior therapy, art and music therapy			
np4F14a_d_ever	Physical therapy			
np4F14a_e_ever	Social work services			
np4F14a_f_ever	Occupational therapy or life skills therapy or training			
np4F14a_g_ever	orientation and mobility services			
np4F14a_h_ever	Medical services for diagnosis or evaluation related to youth's special needs			
np4F14a_i_ever	Personal assistant, in-home or in-classroom aide			
np4F14a_j_ever	Reader or interpreter (including sign language)			
np4F14a_k_ever	Nursing care			
np4F14a_L_ever	Assistive technology services or devices			

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

Section F: Services Created Variables				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
np4F14a_m_ever		Transportation because of youth's special needs		
np4F14a_n_ever		Respite care		
np4F14a_o_ever		Financial aid		
np4F14a_p_ever		Other services for special needs		
np4F14a_q_ever		Educational assistance or support/tutoring		
np4F14a_r_ever		Childcare services or parenting skills training		
np4F14a_s_ever		Housing assistance or services		
np4F14a_t_ever		(created) Does not receive services		
<i>Collapsed Youth In Secondary school in last year with Youth Out-of-Secondary School a Year or More</i>				
● np4F8c_01_F1b_p	(collapsed)	Youth received job training/vocational services through his/her high school or district	Numeric Variable Values 1 Yes 0 No Notes Set to out of school value if youth out of school a year or more Set to in-school value if youth in school in the past year	Base Parent/guardian respondents with responses to items listed in notes Variable Name by Wave 1: [not asked this wave] 4: np4F8c_01_F1b_p 2: [not created this wave] 5: [not created this wave] 3: [not created this wave]
● np4F10d_F6b_19	(collapsed)	Youth is on a waiting list for job training/vocational services	Numeric Variable Values 1 Yes 0 No Notes Set to out of school value if youth out of school a year or more Set to in-school value if youth in school in the past year	Base Parent/guardian respondents with responses to items listed in notes Variable Name by Wave 1: [not asked this wave] 4: np4F10b_F6b_19 2: [not created this wave] 5: [not created this wave] 3: [not created this wave]
● np4F11c_01_F1b_f	(collapsed)	Youth received occupational/life skills training through his/her high school or district	Numeric Variable Values 1 Yes 0 No Notes Set to out of school value if youth out of school a year or more Set to in-school value if youth in school in the past year	Base Parent/guardian respondents with responses to items listed in notes Variable Name by Wave 1: [not asked this wave] 4: np4F11c_01_F1b_f 2: [not created this wave] 5: [not created this wave] 3: [not created this wave]

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

Section F: Services Created Variables				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
● np4F13g_F6b_18	(collapsed)	Youth is on a waiting list for a group home/residential services	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <p>Notes</p> <p>Set to out of school value if youth out of school a year or more</p> <p>Set to in-school value if youth in school in the past year</p>	<p>Base</p> <p>Parent/guardian respondents with responses to items listed in notes</p> <p>Variable Name by Wave</p> <p>1: [not asked this wave] 4: np4F13g_F6b_18 2: [not created this wave] 5: [not created this wave] 3: [not created this wave]</p>
● np4F14a_[a-t]_F1a_[a-s]	(collapsed)	Youth received any of the following services in the past one to two years	<p>Numeric Variable Values</p> <p>1 Yes 0 No</p> <p>Notes</p> <p>Set to out of school value [youth received this service since high school/in the last year] if youth out of school a year or more</p> <p>Set to in-school value [youth received this service in the past year] if youth in school in the past year</p>	<p>Base</p> <p>Parent/guardian respondents with responses to items listed in notes</p> <p>Variable Name by Wave</p> <p>1: [not asked this wave] 4: np4F14a_[a-t]_F4[a-s] 2: [not created this wave] 5: [not created this wave] 3: [not created this wave]</p>
		np4F14a_a_F1a_a Speech/language therapy or communication services		
		np4F14a_b_F1a_b Audiology services for Hearing Impairment		
		np4F14a_c_F1a_c Psychological or mental health services or counseling, anger management, behavior therapy, art and music therapy		
		np4F14a_d_F1a_d Physical therapy		
		np4F14a_e_F1a_e Social work services		
		np4F14a_f_F1a_f Occupational therapy or life skills therapy or training		
		np4F14a_g_F1a_g Orientation and mobility services		
		np4F14a_h_F1a_h Medical services for diagnosis or evaluation related to youth's special needs		
		np4F14a_i_F1a_i Personal assistant, in-home or in-classroom aide		
		np4F14a_j_F1a_k Reader or interpreter (including sign language)		
		np4F14a_k_F1a_L Nursing care		
		np4F14a_L_F1a_m Assistive technology services or devices		
		np4F14a_m_F1a_n Transportation because of youth's special needs		
		np4F14a_n_F1a_o Respite care		
		np4F14a_o_F1a_q Financial aid		
		np4F14a_p_F1a_r Other services for special needs		
		np4F14a_q_F1a_j Educational assistance or support/tutoring		
		np4F14a_t_F1a_s Does not receive services		
		np4F14a_v_F1a_p Vocational services/job training		
● np4F14b_[a-t]_F1c_[a-s]	(collapsed)	Youth currently receives any of the following services	<p>Numeric Variable Values</p> <p>1 Yes</p>	<p>Base</p> <p>Parent/guardian respondents with responses to items</p>

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

Section F: Services Created Variables						
Variable Name	Source	Variable Description	Variable Type and Values		Base: Which Respondents Asked	
			Notes: Assignments, Modifications, and/or Validations		Variable Name by Wave	
np4F14b_a_F1c_a	Speech/language therapy or communication services	0	No		listed in notes	
np4F14b_b_F1c_b	Audiology services for Hearing Impairment	Notes Set to out of school value if youth out of school a year or more Set to in-school value if youth in school in the past year	Variable Name by Wave 1: [not asked this wave] 5: [not created this wave] 2: [not created this wave] 3: [not created this wave] 4: np4F14b_[a-t]_F1c_[a-s]			
np4F14b_c_F1c_c	Psychological or mental health services or counseling, anger management, behavior therapy, art and music therapy					
np4F14b_d_F1c_d	Physical therapy					
np4F14b_e_F1c_e	Social work services					
np4F14b_f_F1c_f	Occupational therapy or life skills therapy or training					
np4F14b_g_F1c_g	Orientation and mobility services					
np4F14b_h_F1c_h	Medical services for diagnosis or evaluation related to youth's special needs					
np4F14b_i_F1c_i	Personal assistant, in-home or in-classroom aide					
np4F14b_j_F1c_k	Reader or interpreter (including sign language)					
np4F14b_k_F1c_L	Nursing care					
np4F14b_L_F1c_m	Assistive technology services or devices					
np4F14b_m_F1c_n	Transportation because of youth's special needs					
np4F14b_n_F1c_o	Respite care					
np4F14b_o_F1c_q	Financial aid					
np4F14b_p_F1c_r	Other services for special needs					
np4F14b_q_F1c_j	Educational assistance or support/tutoring					
np4F14b_t_F1c_s	Does not receive services					
np4F14b_v_F1c_p	Vocational services/job training					
● np4F14d_F3	(collapsed)	Overall youth is getting enough services	Numeric Variable Values 1 Yes 0 No		Base Parent/guardian respondents with responses to items listed in notes	Variable Name by Wave 1: [not asked this wave] 4: np4F14d_F3 2: [not created this wave] 5: [not created this wave] 3: [not created this wave]
● np4F14h [a-q,u]_F6b [01-21]	(collapsed)	Youth is on a waiting list for any of the following services	Numeric Variable Values 1 Yes 0 No		Base Parent/guardian respondents with responses to items listed in notes	Variable Name by Wave
np4F14h_a_F6b_01	Speech/language therapy or communication services					
np4F14h_b_F6b_02	Audiology services for Hearing Impairment					

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

Section F: Services Created Variables				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
np4F14h_c_F6b_03		Psychological or mental health services or counseling, anger management, behavior therapy, art and music therapy	Set to out of school value if youth out of school a year or more	1: [not asked this wave] 5: [not created this wave]
np4F14h_d_F6b_04		Physical therapy	Set to in-school value if youth in school in the past year	2: [not created this wave]
np4F14h_e_F6b_05		Social work services		3: [not created this wave]
np4F14h_f_F6b_06		Occupational therapy or life skills therapy or training		4: np4F14h_[a-q,u]_F6b_[01-21]
np4F14h_g_F6b_07		Orientation and mobility services		
np4F14h_h_F6b_08		Medical services for diagnosis or evaluation related to youth's special needs		
np4F14h_i_F6b_09		Personal assistant, in-home or in-classroom aide		
np4F14h_j_F6b_11		Reader or interpreter (including sign language)		
np4F14h_k_F6b_12		Nursing care		
np4F14h_L_F6b_13		Assistive technology services or devices		
np4F14h_m_F6b_14		Transportation because of youth's special needs		
np4F14h_n_F6b_15		Respite care		
np4F14h_o_F6b_20		Financial aid		
np4F14h_p_F6b_17		Other services for special needs		
np4F14h_q_F6b_10		Educational assistance or support/tutoring		
np4F14h_u_F6b_21		Does not receive services		
np4F14h_v_F6b_19		Vocational services/job training		
● np4F15a_F4	(collapsed)	Amount of effort needed for family to get services for youth in the last 12 months	Numeric Variable Values 1 A great deal of effort 2 Some effort 3 A little effort 4 Almost no effort <hr/> Notes Set to out of school value if youth out of school a year or more Set to in-school value if youth in school in the past year	Base Parent/guardian respondents with responses to items listed in notes <hr/> Variable Name by Wave 1: [not asked this wave] 4: np4F15a_F4 2: [not created this wave] 5: [not created this wave] 3: [not created this wave]
● np4F15b_F5... [01-10]	(collapsed)	Where family learns about appropriate services for youth	Numeric Variable Values 1 Yes 0 No <hr/> Notes Set to out of school value if youth out of school a year	Base Parent/guardian respondents with responses to items listed in notes <hr/> Variable Name by Wave 1: [not asked this wave] 4: np4F15b_F5_[01-10]
		np4F15b_F5_01 From school, district, or board of education		
		np4F15b_F5_02 From a professional consultant or caseworker		
		np4F15b_F5_03 From a physician or other medical/mental health professional		

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

Section F: Services Created Variables				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
np4F15b_F5_04 np4F15b_F5_05 np4F15b_F5_06 np4F15b_F5_07 np4F15b_F5_08 np4F15b_F5_09 np4F15b_F5_10		From other parents/parent group From family members/friends/personal acquaintances From a web/Internet, computer From newsletters, magazines, brochures, bulletin boards, books/library or other media From training, workshops, conferences From other source Public/private agencies	or more Set to in-school value if youth in school in the past year	2: [not created this wave] 5: [not created this wave] 3: [not created this wave]
● np4F15c_[a-l]_F7[a-l]	(collapsed)	If any of the following has been a problem in getting or dealing with services	Numeric Variable Values 1 Yes 0 No	Base Parent/guardian respondents with responses to items listed in notes
np4F15c_a_F7a np4F15c_b_F7b np4F15c_c_F7c np4F15c_d_F7j np4F15c_e_F7d np4F15c_f_F7e np4F15c_g_F7f np4F15c_h_F7g np4F15c_i_F7h np4F15c_j_F7i np4F15c_k_F7k np4F15c_l_F7L		Cost of services Where services are provided Services not being available Physical accessibility of services Poor service quality/inadequate services Scheduling conflicts Language problems Lack of time for services Transportation Youth not being eligible for the service Getting information about services/lack of communication Other	Notes Set to out of school value if youth out of school a year or more Set to in-school value if youth in school in the past year	Variable Name by Wave 1: [not asked this wave] 4: np4F15c_[1-l]_F7[a-l] 2: [not created this wave] 5: [not created this wave] 3: [not created this wave]
● np4F16a_F2a	(collapsed)	Youth receives case management or service coordination services	Numeric Variable Values 1 Yes 0 No	Base Parent/guardian respondents with responses to items listed in notes
			Notes Set to out of school value if youth out of school a year or more Set to in-school value if youth in school in the past year	Variable Name by Wave 1: [not asked this wave] 4: np4F16a_F2a 2: [not created this wave] 5: [not created this wave] 3: [not created this wave]
● np4F16b_F2b... [01-04]	(collapsed)	Case manager is	Numeric Variable Values 1 Yes 0 No	Base Parent/guardian respondents with responses to items listed in notes
np4F16b_F2b_01 np4F16b_F2b_02 np4F16b_F2b_03		Someone at the school, district, or board of education A professional outside school Respondent or another family member	Notes Set to out of school value if youth out of school a year	Variable Name by Wave 1: [not asked this wave] 4: np4F16b_F2b[01-04]

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

Section F: Services Created Variables				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
np4F16b_F2b_04	Other		or more Set to in-school value if youth in school in the past year	2: [not created this wave] 5: [not created this wave] 3: [not created this wave]
● np4F16g_F6b_16	(collapsed)	Youth is on a waiting list for case management services	Numeric Variable Values 1 Yes 0 No Notes Set to out of school value if youth out of school a year or more Set to in-school value if youth in school in the past year	Base Parent/guardian respondents with responses to items listed in notes Variable Name by Wave 1: [not asked this wave] 4: np4F16g_F6b_16 2: [not created this wave] 5: [not created this wave] 3: [not created this wave]

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

Section G: Youth Behaviors and Parent Expectations				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
● np4G1...[a-k]	(not asked)	How often youth behaves this way	Numeric Variable Values NOT ASKED THIS WAVE	Base NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM
np4G1a		Joins group activities without being told to	0 Never	Variable Name by Wave 1: np1G1[a-k] 4: [not asked this wave] 2: np2G1[a-k] 5: [not asked this wave] 3: [not asked this wave]
np4G1b		Makes friends easily	1 Sometimes	
np4G1c		Ends disagreements with you calmly	2 Very often	
np4G1d		Seems self confident in social situations		
np4G1e		Gets into situations that are likely to result in trouble		
np4G1f		Starts conversations rather than waiting for others to start		
np4G1g		Receives criticism well		
np4G1h		Behaves at home in a way that causes problems for the family		
np4G1i		Controls temper when arguing with peers other than siblings		
np4G1j		Keeps working at something until he or she is finished		
np4G1k		Speaks in an appropriate tone at home		
● np4G2...[a-h]	(not asked)	Strengths and weaknesses. How good youth is at	Numeric Variable Values NOT ASKED THIS WAVE	Base NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM
np4G2a		Being well organized	1 Not at all good	Variable Name by Wave 1: np1G2[a-h] 4: [not asked this wave] 2: np2G2[a-h] 5: [not asked this wave] 3: [not asked this wave]
np4G2b		A performing art, like music, theater, or dance	2 Not very good	
np4G2c		A creative art, like drawing or writing poetry	3 Pretty good	
np4G2d		Being sensitive to other people's feelings	4 Very good	
np4G2e		Mechanical skills, like building or fixing things		
np4G2f		Using a computer		
np4G2g		A physical or athletic activity		
np4G2h		Having a sense of humor		
● np4G3a...[a-h]	G3 (a-h)	How well youth does the following on his own without help	Numeric Variable Values	Base All parent/guardian respondents
			1 Not at all well	Variable Name by Wave 1: np1G4[a-e] 4: np4G3a[a-e/f-h] 2: np2G3a[a-e/f-h] 5: [not asked this wave]
			2 Not very well	
np4G3a_a		Tell time on a clock with hands	3 Pretty well	
np4G3a_b		Read and understand common signs	4 Very well	
np4G3a_c		Count change		

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Section G: Youth Behaviors and Parent Expectations				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
np4G3a_d np4G3a_e np4G3a_f np4G3a_g np4G3a_h		Look up telephone numbers in a phonebook and use the telephone Get to places outside the home Use public transportation to get around town Buy his or her own clothes at a store Arrange a plane or train trip to go out of town	Notes Set np4G3a_[c-h] to .a [missing, not applicable] if np4G3a_[c-h] = 5 [now allowed]	3: np3G3a[a-c/f-h]
● np4G3b_[a-d]	(not asked)	How often youth does the following chores	Numeric Variable Values NOT ASKED THIS WAVE	Base NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM
np4G3b_a np4G3b_b np4G3b_c np4G3b_d		Fix his/her own breakfast or lunch Do laundry Straighten up his/her own room Buy a few things at the store that he or she needs	1 Never 2 Sometimes 3 Usually 4 Always	Variable Name by Wave 1: np1G5_[a-d] 4: [not asked this wave] 2: np2G3b_[a-d] 5: [not asked this wave] 3: [not asked this wave]
● np4G4	G4	Frequency in which respondent communicates with youth by phone, e-mail, or in person	Numeric Variable Values 1 About every day 2 A few times a week 3 About once a week 4 Every few weeks 5 Every few months 6 Less often than every few months	Base Asked parent/guardian respondents if np4A6a_[01-04] ≠1 [youth does not live at home] Variable Name by Wave 1:[not asked this wave] 4: np4G4 2: np2G4 5: see np5A1d 3: np3G4
● np4G5	(not asked)	Likelihood that youth will get a regular high school diploma	Numeric Variable Values NOT ASKED THIS WAVE 1 Definitely will 2 Probably will 3 Probably won't 4 Definitely won't	Base NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM Variable Name by Wave 1: np1J1 4: [not asked this wave] 2: np2G5 5: [not asked this wave] 3: np3G5
● np4G6	(not asked)	Likelihood that youth will attend postsecondary school	Numeric Variable Values NOT ASKED THIS WAVE 1 Definitely will 2 Probably will 3 Probably won't 4 Definitely won't	Base NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM Variable Name by Wave 1: np1J2 4: [not asked this wave] 2: np2G6 5: [not asked this wave] 3: np3G6

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Section G: Youth Behaviors and Parent Expectations					
Variable Name	Source	Variable Description	Variable Type and Values		Base: Which Respondents Asked Variable Name by Wave
			Notes: Assignments, Modifications, and/or Validations		
● np4G7a	(not asked)	Likelihood that youth will complete a vocational or technical program	Numeric Variable Values NOT ASKED THIS WAVE 1 Definitely will 2 Probably will 3 Probably won't 4 Definitely won't		Base NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM Variable Name by Wave 1: np1J3 2: np2G7a 3: np3G7a 4: [not asked this wave] 5: [not asked this wave]
● np4G7b	(not asked)	Likelihood that youth will graduate from a 2-year/community college	Numeric Variable Values NOT ASKED THIS WAVE 1 Definitely will 2 Probably will 3 Probably won't 4 Definitely won't		Base NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM Variable Name by Wave 1: np1J4 2: np2G7b 3: np3G7b 4: [not asked this wave] 5: [not asked this wave]
● np4G8a	(not asked)	Likelihood that youth will graduate from a 4-year college	Numeric Variable Values NOT ASKED THIS WAVE 1 Definitely will 2 Probably will 3 Probably won't 4 Definitely won't		Base NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM Variable Name by Wave 1: np1J5 2: np2G8a 3: np3G8a 4: [not asked this wave] 5: [not asked this wave]
● np4G9	(not asked)	Likelihood that youth will get a drivers license	Numeric Variable Values NOT ASKED THIS WAVE 1 Definitely will 2 Probably will 3 Probably won't 4 Definitely won't		Base NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM Variable Name by Wave 1: np1J6 2: np2G9 3: np3G9 4: [not asked this wave] 5: [not asked this wave]
● np4G10	NOT ASKED	Likelihood that youth will live away from home without supervision	Numeric Variable Values NOT ASKED THIS WAVE 1 Definitely will 2 Probably will 3 Probably won't 4 Definitely won't		Base NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM Variable Name by Wave 1: np1J7 2: np2G10 3: np3G10 4: [not asked this wave] 5: [not asked this wave]
● np4G11	(not asked)	Likelihood that youth will live away from home with supervision	Numeric Variable Values NOT ASKED THIS WAVE 1 Definitely will 2 Probably will 3 Probably won't 4 Definitely won't		Base NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM Variable Name by Wave 1: np1J8 2: np2G11 3: np3G11 4: [not asked this wave] 5: [not asked this wave]

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Section G: Youth Behaviors and Parent Expectations Created Variables				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
● np4MentalSkill	(created)	Functional mental skills scale	Numeric Variable Values Scale (4-16)	<p>Base Parent/guardian respondents with responses to items listed in notes</p> <hr/> <p>Notes Set to sum of np4G3a_a,np4G3a_b,np4G3a_c, and np4G3a_d if np4G3a_a,np4G3a_b,np4G3a_c, and np4G3a_d have a value Set to sum of np4g3a_a,np4g3a_b,np4g3a_c,np4g3a_d plus mean of np4g3a_a,np4g3a_b,np4g3a_c,np4g3a_d if missing one response for np4g3a_a,np4g3a_b,np4g3a_c, or np4g3a_d and remaining three items have a value</p> <hr/> <p>Variable Name by Wave 1: [not created this wave] 4: np4MentalSkill 2: [not created this wave] 5: [not created this wave] 3: [not created this wave]</p>

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

D1—NLTS2 Wave 4 Parent/Youth Survey: Part 1 Parent/Guardian

Section H: Household Characteristics						
Variable Name	Source	Variable Description	Variable Type and Values		Base: Which Respondents Asked	
			Notes: Assignments, Modifications, and/or Validations		Variable Name by Wave	
● np4H1a	H1a	Youth currently lives with respondent	Numeric Variable Values 1 Yes 0 No		Base All parent/guardian respondents Variable Name by Wave 1: <i>see</i> np1A5a 4: np4H1a 2: np2H1a 5: [not asked this wave] 3: np3H1a	
● np4H1b	(not asked)	Number of people who live in the household	Numeric Variable Values NOT ASKED THIS WAVE Number of household members		Base NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM Variable Name by Wave 1: np1K1 4: [not asked this wave] 2: np2H1b 5: [not asked this wave] 3: np3H1b	
● np4H2a	(not asked)	Number of children who live in the household, excluding youth	Numeric Variable Values NOT ASKED THIS WAVE Number of children		Base NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM Variable Name by Wave 1: np1K2a 4: [not asked this wave] 2: np2H2a 5: [not asked this wave] 3: np3H2a	
● np4H2b	(not asked)	Other children in home have disabilities/special needs	Numeric Variable Values NOT ASKED THIS WAVE 1 Yes 0 No		Base NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM Variable Name by Wave 1: np1K2b 4: [not asked this wave] 2: np2H2b 5: [not asked this wave] 3: np3H2b	
● np4H3a	(not asked)	Number of adults living in the household	Numeric Variable Values NOT ASKED THIS WAVE Number of adults		Base NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM Variable Name by Wave 1: np1K4a 4: [not asked this wave] 2: np2H3a 5: [not asked this wave] 3: np3H3a	

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D1—NLTS2 Wave 4 Parent/Youth Survey: Part 1 Parent/Guardian

Section H: Household Characteristics					
Variable Name	Source	Variable Description	Variable Type and Values		Base: Which Respondents Asked Variable Name by Wave
			Notes: Assignments, Modifications, and/or Validations		
● np4H6	(not asked)	[Respondent, parent, or legal guardian] relationship to youth	Numeric Variable Values NOT ASKED THIS WAVE 1 Biological mother 2 Biological father 3 Adoptive mother 4 Adoptive father 5 Step mother 6 Step father 7 Foster mother 8 Foster father 9 Legal guardian 10 Sister/stepsister 11 Brother/stepbrother/brother-in-law 12 Aunt 13 Uncle 14 Grandmother/step-grandmother 15 Grandfather/step-grandfather 16 Unrelated 17 Other		Base NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM <hr/> Variable Name by Wave 1: np1K7 2: np2H6 3: np3H6 4: [not asked this wave] 5: [not asked this wave]
● np4H7	(not asked)	Highest grade [respondent, parent, or legal guardian] finished in school	Numeric Variable Values NOT ASKED THIS WAVE 1 8th grade or less (includes no school) 2 9th grade or above, not a high school graduate 3 High school graduate or GED 4 Post high school education no degree 5 Vocational -technical 6 2 year college degree/AA degree/3-year degree 7 4 year college degree/ BA, BS degree 8 Some post BA, BS work, no degree 9 Master's degree, e.g., MSW, MA, MFA, MPH 10 PhD, MD, JD, LLB, or other professional 11 Other		Base NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM <hr/> Variable Name by Wave 1: np1K8 2: np2H7 3: np3H7 4: [not asked this wave] 5: [not asked this wave]
● np4H8a	(not asked)	[Respondent, parent, or legal guardian] has a paid job	Numeric Variable Values NOT ASKED THIS WAVE 1 Yes 0 No		Base NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM <hr/> Variable Name by Wave 1: np1K9a 2: np2H8a 3: np3H8a 4: [not asked this wave] 5: [not asked this wave]

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D1—NLTS2 Wave 4 Parent/Youth Survey: Part 1 Parent/Guardian

Section H: Household Characteristics				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
● np4H8b	(not asked)	Hours per week [respondent, parent, or legal guardian] works for pay	Numeric Variable Values NOT ASKED THIS WAVE Number of hours works for pay	Base NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM Variable Name by Wave 1: np1K9b 2: np2H8b 3: np3H8b 4: [not asked this wave] 5: [not asked this wave]
● np4H8c	(not asked)	Range of hours [respondent, parent, or legal guardian] works	Numeric Variable Values NOT ASKED THIS WAVE 1 Less than 20 hours a week 2 20 to 35 hours a week 3 More than 35 hours a week	Base NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM Variable Name by Wave 1: np1K9c 2: np2H8c 3: np3H8c 4: [not asked this wave] 5: [not asked this wave]
● np4H9	(not asked)	Highest grade [respondent, parent, or legal guardian]'s spouse or partner finished	Numeric Variable Values NOT ASKED THIS WAVE 1 8th grade or less (includes no school) 2 9th grade or above, not a high school graduate 3 High school graduate or GED 4 Post high school education no degree 5 Vocational -technical 6 2 year college degree/AA degree/3-year degree 7 4 year college degree/ BA, BS degree 8 Some post BA, BS work, no degree 9 Master's degree, e.g., MSW, MA, MFA, MPH 10 PhD, MD, JD, LLB, or other professional 11 Other	Base NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM Variable Name by Wave 1: np1K10 2: np2H9 3: np3H9 4: [not asked this wave] 5: [not asked this wave]
● np4H10a	(not asked)	[Respondent, parent, or legal guardian]'s spouse or partner has a paid job now	Numeric Variable Values NOT ASKED THIS WAVE 1 Yes 0 No	Base NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM Variable Name by Wave 1: np1K11a 2: np2H10a 3: np3H10a 4: [not asked this wave] 5: [not asked this wave]
● np4H10b	(not asked)	Hours per week [respondent, parent, or legal guardian]'s spouse or partner works for pay	Numeric Variable Values NOT ASKED THIS WAVE Number of hours works for pay	Base NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM Variable Name by Wave 1: np1K11b 2: np2H10b 3: np3H10b 4: [not asked this wave] 5: [not asked this wave]

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

Section H: Household Characteristics					
Variable Name	Source	Variable Description	Variable Type and Values		Base: Which Respondents Asked Variable Name by Wave
			Notes: Assignments, Modifications, and/or Validations		
● np4H13b	(not asked)	Household currently receives SSI	Numeric Variable Values NOT ASKED THIS WAVE 1 Yes 0 No		Base NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM <hr/> Variable Name by Wave 1: np1K14b 4: [not asked this wave] 2: np2H13b 5: [not asked this wave] 3: np3H13b
● np4H13c	(not asked)	Why household stopped getting SSI for youth	Numeric Variable Values NOT ASKED THIS WAVE 1 Household income was too high 2 Youth no longer qualified 3 Both, income too high and youth no longer qualified		Base NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM <hr/> Variable Name by Wave 1: np1K14c 4: [not asked this wave] 2: np2H13c 5: [not asked this wave] 3: np3H13c
● np4H14...[a-e]	H14 (a-e)	Total household income	Numeric Variable Values (see below)		Base Asked parent/guardian respondents if RespParGuardian = 1 or np4A6a[02-04] = 1 [respondent is youth's parent or guardian or youth lives with respondent] np4H14b asked these respondents if np4H14a = 1 [\$25,000 or less] np4H14c asked these respondents if np4H14a = 2 [more than \$25,000] np4H14d asked these respondents if np4H14a = 2 [more than \$25,000] and np4H14c = 1 [\$50,000 or less] np4H14e asked these respondents if np4H14a = 2 [more than \$25,000] and np4H14c = 2 [more than \$50,000] <hr/> Variable Name by Wave 1: np1K15 [a-e] 4: np4H14 [a-e] 2: np2H14 [a-e] 5: np5H14 [a-e] 3: np3H14 [a-e]
np4H14a	Household incomes was more or less than \$25,000	1 \$25,000 or less 2 More than \$25,000			
np4H14b	Household range less than \$25,000 and was	1 \$5,000 or Less 2 \$5,001 to \$10,000 3 \$10,001 to \$15,000 4 \$15,001 to \$20,000 5 \$20,001 to \$25,000			
np4H14c	Household income was more or less than \$50,000	1 \$50,000 or Less 2 More than \$50,000			
np4H14d	Household range less than \$50,000, and was	1 \$25,001 to \$30,000 2 \$30,001 to \$35,000 3 \$35,001 to \$40,000 4 \$40,001 to \$45,000 5 \$45,001 to \$50,000			
np4H14e	Household range greater than \$50,000, and was	1 \$50,001 to \$55,000 2 \$55,001 to \$60,000 3 \$60,001 to \$65,000 4 \$65,001 to \$70,000 5 \$70,001 to \$75,000 6 Over \$75,000			
			Notes See np4H14Cat and np4H14Detail under created variables for collapsed versions of the multiple variables		

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Section H: Household Characteristics					
Variable Name	Source	Variable Description	Variable Type and Values		Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations		Variable Name by Wave
● np4H15	(not asked)	How difficult transportation needs are for youth	Numeric Variable Values NOT ASKED THIS WAVE 1 Very difficult 2 Somewhat difficult 3 Somewhat easy 4 Very easy		Base NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM <hr/> Variable Name by Wave 1: np1K16 4: [not asked this wave] 2: np2H15 5: [not asked this wave] 3: np3H15
● np4H16	H16	Household had no phone service for more than a few days in the last year	Numeric Variable Values 1 Yes 0 No		Base Asked parent/guardian respondents if RespParGuardian = 1 or np4A6a[02-04] = 1 [respondent is youth's parent or guardian or youth lives with respondent] <hr/> Variable Name by Wave 1: np1K17 4: np4H16 2: np2H16 5: [not asked this wave] 3: np3H16

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Section H: Household Characteristics Created Variables				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
● np4H14Cat	(created)	Total household income [broad categories]	<p>Numeric Variable Values</p> <p>1 \$25,000 or less</p> <p>2 \$25,001 - \$50,000</p> <p>3 More than \$50,000</p> <hr/> <p>Notes</p> <p>If np4H14a = 1 [\$25,000 or less] then np4H14Cat = 1 [\$25,000 or less]</p> <p>If np4H14c = 1 [\$50,000 or less] then np4H14Cat = 2 [\$25,001-\$50,000]</p> <p>If np4H14c = 2 [more than \$50,000] then np4H14Cat = 3 [more than \$50,000]</p>	<p>Base</p> <p>Parent/guardian respondents with responses to items listed in notes</p> <hr/> <p>Variable Name by Wave</p> <p>1: np1K15Cat 4: np4H14Cat</p> <p>2: np2H14Cat 5: np5H14Cat</p> <p>3: np3H14Cat</p>

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

D1—NLTS2 Wave 4 Parent/Youth Survey: Part 1 Parent/Guardian

Section H: Household Characteristics Created Variables					
Variable Name	Source	Variable Description	Variable Type and Values		Base: Which Respondents Asked Variable Name by Wave
			Notes: Assignments, Modifications, and/or Validations		
● np4H14Detail	(created)	Total household income [detailed categories]	Numeric Variable Values 1 \$5,000 or less 2 \$5,001 - \$10,000 3 \$10,001 - \$15,000 4 \$15,001 - \$20,000 5 \$20,001 - \$25,000 6 \$25,001 - \$30,000 7 \$30,001 - \$35,000 8 \$35,001 - \$40,000 9 \$40,001 - \$45,000 10 \$45,001 - \$50,000 11 \$50,001 - \$55,000 12 \$55,001 - \$60,000 13 \$60,001 - \$65,000 14 \$65,001 - \$70,000 15 \$70,001 - \$75,000 16 More than \$75,000		Base Parent/guardian respondents with responses to items listed in notes Variable Name by Wave 1: np1K15Detail 4: np4H14Detail 2: np2H14Detail 5: np5H14Detail 3: np3H14Detail
			Notes If np4H14b > 0 [answered the \$0-\$25,000 range] then np4H14Detail = np4H14b [assign codes 1-5] If np4H14d > 0 [reported the \$25,001-\$50,000 range] then np4H14Detail = np4H14d + 5 [assign codes 6-10 from codes 1-5] If np4H14e > 0 [reported the \$50,001-over \$75,000 range] then np4H14Detail = np4H14e + 10 [assign codes 11-16 from codes 1-6]		
● W4_IncomeHdr2007	(created)	Income level categories for table column headings	Numeric 1 \$25,000 or less 2 \$25,001 - \$50,000 3 More than \$50,000 Notes Set to value of np4H14Cat [income categories]		Base Respondents with responses to items listed in notes Variable Name by Wave 1: np1Inc_Recod 4: W4_IncomeHdr2007 2: W2_IncomeHdr2003 5: W5_IncomeHdr2009 3: W3_IncomeHdr2005

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

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Section I: Screen for Continuation and Overlap Items					
Variable Name	Source	Variable Description	Variable Type and Values		Base: Which Respondents Asked Variable Name by Wave
			Notes: Assignments, Modifications, and/or Validations		
● np4I1a	I1a	Youth able to accurately answer interview items over telephone	Numeric Variable Values 1 Yes 0 No		Base Asked parent/guardian respondents if W1CommTrouble ≠ 1 [no reported communication problems in a prior wave] This item includes data from the Abbreviated Interview (I1a) <hr/> Variable Name by Wave 1: [not asked this wave] 4: np4I1a 2: np2I1a 5: np5I1a 3: np3I1a
● np4I1a2	(not asked)	Permission granted to interview youth	Numeric Variable Values NOT ASKED THIS WAVE 1 Yes 0 No		Base NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM All youth older than 18 in Wave 4 <hr/> Variable Name by Wave 1: [not asked this wave] 4: [not asked this wave] 2: np2I1a2 5: [not asked this wave] 3: np3I1a2
● np4I1b	I1b	Youth capable of making own decisions or respondent petitioned court for guardianship	Numeric Variable Values 1 Youth capable of making decisions 2 Petitioned court for guardianship		Base Asked parent/guardian respondent if np4I1a = 1 [youth able to answer questions by phone] and W1_YthIntvw and W1Capable ≠ 1 and youth is identified as having mental retardation, emotional disturbance, multiple, autism or traumatic brain injury [youth has not been interviewed or reported as being capable in a prior wave and might require adult guardianship] <hr/> Variable Name by Wave 1: [not asked this wave] 4: np4I1b 2: np2I1b 5: np5I1b 3: np3I1b

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

D1—NLTS2 Wave 4 Parent/Youth Survey: Part 1 Parent/Guardian

Section I: Screen for Continuation and Overlap Items					
Variable Name	Source	Variable Description	Variable Type and Values		Base: Which Respondents Asked Variable Name by Wave
			Notes: Assignments, Modifications, and/or Validations		
● np4I1c1	I1c1	Youth would be able to accurately answer items using a written questionnaire	Numeric Variable Values 1 Yes 0 No		Base Asked parent/guardian respondents if np4I1a ≠ 1 [youth not able to answer questions by phone] This item includes data from the Abbreviated Interview (I1c1)
● np4I1d	(not asked)	Permission granted to mail youth a questionnaire	Numeric Variable Values NOT ASKED THIS WAVE 1 Yes 0 No		Base NOT ASKED THIS WAVE; NO DATA FOR THIS ITEM All youth older than 18 in Wave 4
● np4I2a	I2a [Q36]	Youth had a job in the last 2 years	Numeric Variable Values 1 Yes 0 No <hr/> Notes See employment section L, this item used only if both L (parent part 2) and T (youth) are missing This item includes the Abbreviated Interview (I2b) and, if job since high school in the last 2 years, data from the Family Survey (mail questionnaire Q36)		Base Asked parent/guardian respondent if np4I1a or np4I1c1 = 1 [youth capable of answering questions by phone interview or written mail questionnaire] and Parent/guardian interviewed before youth
● np4I2b	I2b [Q37]	Youth currently has a paid job	Numeric Variable Values 1 Yes 0 No <hr/> Notes Set to 0 [no] if np4I2a = 0 [youth has not had a job in the last 2 years] and Parent/guardian interviewed before youth See employment section L, this item used only if both L (parent part 2) and T (youth) are missing This item includes data from the Family Survey (mail		Base Asked parent/guardian respondent if np4I1a or np4I1c1 = 1 [youth capable of answering questions by phone interview or written mail questionnaire]; parent/guardian interviewed before youth; and np4I2a = 1 [youth had a job in the last 2 years]

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

Section I: Screen for Continuation and Overlap Items				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
			questionnaire Q37) and the Abbreviated Interview (I2b)	
● np4I3a	(calculated) [Q32]	Hourly amount paid for current or most recent job	<p>Numeric Variable Values Hourly pay</p> <hr/> <p>Notes Respondent reported the amount in a metric of his/her choice; item calculated as a single metric (hourly wage) If Metric = [metric] then hourly wage calculated as amount perHour [hourly amount = amount per hour] ...Week ÷ np4I3b [hourly amount = amount per week divided by the hours worked per week] ...Month ÷ (np4I3b X 4.3) [hourly amount = amount per month divided by hours worked per week X 4.3] ...Year ÷ (np4I3b X 52) [hourly amount = amount per year divided by hours worked per week X 52] If Metric = [minimum wage] then hourly wage calculated as [hourly amount = minimum wage] [federal minimum wage of \$5.15 before 7/24/2007 or \$5.85 as of 7/24/2007] If resulting calculated wage is less than \$5.00 Truncate hours worked per week to 40 and recalculate Set to \$3.00 if recalculated result is less than \$3.00 This item includes data from the Family Survey (mail questionnaire Q32) and the Abbreviated Interview (I3a) See employment section L, this item used only if both L (parent part 2) and T (youth) are missing</p>	<p>Base Asked parent/guardian respondent if np4I1a or np4I11c1 = 1 [youth capable of answering questions by phone interview or written mail questionnaire]; parent/guardian interviewed before youth; and np4I2a = 1 [youth had a job in the past 2 years]</p> <hr/> <p>Variable Name by Wave 1: [not asked this wave] 4: np4I3a 2: np2I3a 5: see np5A4d 3: np3I3a</p>

Note: Bold text indicates modifications to questionnaire categories as a result of coding and categorizing other specify verbatim answers. Grey text indicates no data for this item. Variable names in instrument order; see Appendix B for alphabetic index of variable names.

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Section I: Screen for Continuation and Overlap Items				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
● np4I3b	I3b [Q33]	Number of hours youth works/worked at all current or most recent job(s)	<p>Numeric Variable Values Number of hours</p> <hr/> <p>Notes See employment section L, this item used only if both L (parent part 2) and T (youth) are missing This item includes data from the Family Survey (mail questionnaire Q33) and the Abbreviated Interview (I3b)</p>	<p>Base Asked parent/guardian respondent it np4I1a or np4I11c1 = 1 [youth capable of answering questions by phone interview or written mail questionnaire]; parent/guardian interviewed before youth; np4I2a = 1 [youth had a job in the past 2 years]; and np4I3aUnit ≠ 1 [did not provide hourly pay]</p> <hr/> <p>Variable Name by Wave 1: [not asked this wave] 4: np4I3b 2: np2I3b 5: [not asked this wave] 3: np3I3b</p>
● np4I3c	I3c	Youth received money from Supplemental Security Income (SSI) in the past two years	<p>Numeric Variable Values 1 Yes 0 No</p> <hr/> <p>Notes Item added in Wave 4</p>	<p>Base Asked parent/guardian respondent it np4I1a or np4I11c1 = 1 [youth capable of answering questions by phone interview or written mail questionnaire] and parent/guardian interviewed before youth</p> <hr/> <p>Variable Name by Wave 1: [not asked this wave] 4: np4I3c 2: [not asked this wave] 5: see np5A4f 3: [not asked this wave]</p>
● np4I3d	I3d	Youth currently receives money from Supplemental Security Income (SSI)	<p>Numeric Variable Values 1 Yes 0 No</p> <hr/> <p>Notes Set to 0 [no] if np4I3c = 0 [youth has not received money from SSI in the past two years] and Parent/guardian interviewed before youth Item added in Wave 4</p>	<p>Base Asked parent/guardian respondent it np4I1a or np4I11c1 = 1 [youth capable of answering questions by phone interview or written mail questionnaire] and np4I3c = 1 [received money in the past two years from SSI]</p> <hr/> <p>Variable Name by Wave 1: [not asked this wave] 4: np4I3d 2: [not asked this wave] 5: see np5A4g 3: [not asked this wave]</p>

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Section I: Screen for Continuation and Overlap Items				
Variable Name	Source	Variable Description	Variable Type and Values	Base: Which Respondents Asked
			Notes: Assignments, Modifications, and/or Validations	Variable Name by Wave
● np4I3e	I3e	Reason youth no longer receives money from Supplemental Security Income (SSI)	<p>Numeric Variable Values</p> <p>1 Youth's household income was too high</p> <p>2 Youth no longer qualified</p> <p>3 Both, income too high and youth no longer qualified</p> <hr/> <p>Notes</p> <p>Item added in Wave 4</p>	<p>Base</p> <p>Asked parent/guardian respondent it np4I1a or np4I11c1 = 1 [youth capable of answering questions by phone interview or written mail questionnaire]; parent/guardian interviewed before youth; and np4I3d ≠ 1 [does not receive money from SSI currently]</p> <hr/> <p>Variable Name by Wave</p> <p>1: [not asked this wave] 4: np4I3e</p> <p>2: [not asked this wave] 5: [not asked this wave]</p> <p>3: [not asked this wave]</p>
● np4I4	I4 [Q26]	Youth has taken part in any group activities such as scouting, church or temple youth groups, or non-school team sports	<p>Numeric Variable Values</p> <p>1 Yes</p> <p>0 No</p> <hr/> <p>Notes</p> <p>See Section P: social and extracurricular activities (P5/J1 and P6/J2) This item is used only if both parent part 2 and youth data are missing</p> <p>Question modified in Wave 4</p> <p>This item includes data from the Family Survey (mail questionnaire Q26) and the Abbreviated Interview (I4)</p>	<p>Base</p> <p>Asked parent/guardian respondent it np4I1a or np4I11c1 = 1 [youth capable of answering questions by phone interview or written mail questionnaire] and parent/guardian interviewed before youth</p> <hr/> <p>Variable Name by Wave</p> <p>1: [not asked this wave] 4: np4I4</p> <p>2: np2I4 5: see np5A4h</p> <p>3: np3I4</p>

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Types of Medications for Attention, Behavior, Activity Level, or Mood

[variable]_01 Sinequan, Adapin, Doxepin	[variable]_31 Depakote/Divalproex Sodium	[variable]_61 Orap/Pimozide
[variable]_02 Adderall, amphetamine	[variable]_32 Desipramine/Norpramin/ Pertofrane	[variable]_62 Oxazepam/Serax
[variable]_03 Alprazolam/Xanax	[variable]_33 Desyrel/Trazodone	[variable]_63 Parnate/Tranylcypromine
[variable]_04 Ambien/Zolpidem Tartrate	[variable]_34 Diazepam/Valium	[variable]_64 Paxil/Paroxetine
[variable]_05 Amitriptyline/Elavil/Endep	[variable]_35 Doral/Quazepam	[variable]_65 Perphenazine/Trilafon
[variable]_06 Amoxampine/Asendin	[variable]_36 Effexor/Venlafaxine	[variable]_66 Phenobarbitol
[variable]_07 Anafranil/Clomipramine	[variable]_37 Equanil/Meprobamate	[variable]_67 Protriptyline/Vivactil
[variable]_08 Aquachloral Suppnettes/Cloral Hydrate	[variable]_38 Eskalith/Lithobid/Lithane/ Lithium Carbonate	[variable]_68 Seroquel/Quetiapine
[variable]_09 Atarax (antihistamine)	[variable]_39 Estazolam/Prosom	[variable]_69 Restoril/Temazepam
[variable]_10 Ativan/Lorazepam	[variable]_40 Prozac/Fluoxetine	[variable]_70 Risperdal/Risperidone
[variable]_11 Aventyl/Nortriptyline/ Pamelor	[variable]_41 Fluphenazine/Permitil/ Prolixin	[variable]_71 Zoloft/Sertraline
[variable]_12 Azene/Clorazepate/ Tranxene	[variable]_42 Luvox/Fluvoxamine	[variable]_72 Stelazine/Trifluoperazine
[variable]_13 Benadryl/ Diphenylhydramine	[variable]_43 Neurontin/Gabapertin	[variable]_73 Surmontil/Trimipramine
[variable]_14 Benzodiazepines (Valium, etc.)	[variable]_44 Halazepam/Paxipam	[variable]_74 Tricyclics (Elavil, etc.)
[variable]_15 Wellbutrin/Bupropion	[variable]_45 Halcion/Triazolam	[variable]_75 Triflupromazine/Vesprin
[variable]_16 Buspar/Buspiron	[variable]_46 Haldol/Haloperidol	[variable]_76 Vistaril (antihistamine)
[variable]_17 Tegretol/Carbamazepine	[variable]_47 Tofranil/Imipramine	[variable]_77 Clonadine
[variable]_18 Celexa/Citalopram	[variable]_48 Inderal/Propranolol/ Inderide	[variable]_78 Tenex
[variable]_19 Centrax/Prazepam	[variable]_49 Isocarboxazid/Marplan	[variable]_79 Strattera (Atomoxetine)
[variable]_20 Chlordiazepoxide/Librax/ Librium	[variable]_50 Lamictal/Lamotrigine	[variable]_80 (coded) Topamax (Topiramate)
[variable]_21 Chlorpromazine/Thorazine	[variable]_51 Lidone/Molindone/Moban	[variable]_81 (coded) Trileptal (Oxcarbazepine)
[variable]_22 Chlorprothixene/Taractan	[variable]_52 Ludiomil/Maprotiline	[variable]_82 (coded) Keppra (Levetiracetam)
[variable]_23 Cibalith-s/Lithium Citrate	[variable]_53 Melatonin	[variable]_83 (coded) Benzotropine
[variable]_24 Clonazepam/Klonopin	[variable]_54 Thiorodazine/Mellaril	[variable]_84 (coded) Lexapro (Escitalopram)
[variable]_25 Clozaril/Clozapine	[variable]_55 Mesoridazine/Serentil	[variable]_85 (coded) Abilify (Aripiprazole)
[variable]_26 Ritalin/Concerta/ Methylphenidate	[variable]_56 Mirtazapine/Remeron	[variable]_86 (coded) Geodon (Ziprasidone)
[variable]_27 Cylert/Pemoline	[variable]_57 Nardil/Phenelzine	[variable]_90 Unspecified anticonvulsant
[variable]_28 Dalmane/Flurazepam	[variable]_58 Navane/Thiothixene	[variable]_91 Unspecified antidepressant/anti-anxiety
[variable]_29 Dexedrine/ Dextroamphetamine	[variable]_59 Serzone/Nefazodone	[variable]_92 Unspecified antihistamine
[variable]_30 Daxolin/Loxapine	[variable]_60 Zyprexa/Olanzapine	

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