ATTACHMENT AA

Parent Survey

Form Approved
OMB No. 0920-XXXX
Exp. Date xx/xx/20xx

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PARENT SURVEY				
 Name of person administering surve	у			
Date survey administered Project component (CHECK ONE)	,	component		
SU	RVEY SECTIC	NS		
A. DEVELOPMENT AND LEADS. GENERAL HEALTH C. MEDICAL ISSUES D. MOBILITY/FUNCTIONING E. NUTRITION AND PHYSIC F. FAMILY DEMOGRAPHICS	G AL GROWTH			
OPENING STATEMENT, CONFIRMATION OF ELIGIBILITY, AND VERBAL CONSENT FOR SURVEY COMPONENT SKIP THIS SECTION FOR IN-PERSON COMPONENT				
Hello. My name is I would like to thank you for your interest in this important project about spina bifida! Without families like yours volunteering, we would not be able to learn what it is like to grow up with spina bifida in the United States today. Your information is very valuable to us.				
Before we continue, I just need to ask to study.	wo questions to m	ake sure tha	t you are eligible for the	
Is your child between 3 and 5 years old?	•	YES	NO	
And has he or she been diagnosed with		relomeningo YES	ocele? NO	
IF NO TO EITHER OF THESE QUEST between the ages of 3 and 5 and has spin I do thank you for your interest and you QUESTIONS, IF ANY). Have a nice date of the control of the	na bifida. You are r time. Do you ha	n't eligible	for the study at this time, but	

Public reporting burden of this collection of information is estimated to average 45 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed and completing and reviewing

IF YES, CONTINUE.

We are designing a project to learn more about what it is like to grow up with spina bifida. The information we collect today will help us design the project and help us identify the best ways to collect information from families like yours. We will ask you questions about your child's development and learning, mobility and functioning, general health, nutrition and physical growth. There are some questions about possible medical concerns that your child may or may not have experienced. There are also some questions regarding you and your family. When we finish the survey, we will ask you for your consent to review your child's medical and early intervention records. We will send you two separate forms to authorize the release of the medical and early intervention records. If you would rather not let the project team review your child's records, that is fine. You can still participate in today's survey.

Before we continue, I'd like you to know that taking part in this research is voluntary. You may choose not to answer any questions you don't wish to answer, or end the interview at anytime without penalty. In appreciation for your time, we will send you \$25.00. The survey will take about 30-40 minutes.

May I begin the interview?

(Interviewer: Circle one response) YES NO

A. DEVELOPMENT AND LEARNING

REPLACE X WITH CHILD'S NAME

First, let's start with a few basic questions about you and X.

A1. What is your relationship to X?

Mother (biological, step, foster, adoptive)1	SKIP A2
Father (biological, step, foster, adoptive)2	SKIP A2
Sister (step, foster, half, adoptive)3	SKIP A2
Brother (step, foster, half, adoptive)4	SKIP A2
In-law of any type5	SKIP A2
Aunt6	SKIP A2
Uncle7	SKIP A2
Grandparent8	SKIP A2
Other family member9	SKIP A2
Other non-relative10	SKIP A2
Female guardian11	SKIP A2
Male guardian12	SKIP A2
Other, specify13	
Refused1	SKIP A2
A2. Specify other relationship	
A3. Is X male or female?	
Male1	
Female2	
Refused1	
A4. How often do you and X live in the same household	
All the time1	SKIP A5
Sometimes, specify how often2	
Never3	SKIP A5
Refused1	SKIP A5
A5. Specify how often you and X live in the same household	

Do you have I mean things	o some questions about early intervention services that X any concerns about X 's <i>cognitive development</i> ? By cogn such as age-appropriate thought processes and intellectation, memory, academic and everyday knowledge, proband creativity. Yes	itive development tual abilities,
	No	SKIP TO A8
	Don't know2	SKIP TO A0
	Refused1	
Л7 Ном мог	ıld you describe your concerns about X 's <i>cognitive devel</i>	lonmant?
A7.110W WU	Minor concerns1	оршени:
	Moderate concerns2	
	Severe concerns3	
	Don't know2	
	Refused1	
understanding	d social development, I mean things such as age-approp g, ability to manage one's own feelings, knowledge abou skills and friendships. Yes1	
	No2	SKIP TO A10
	Don't know2	
	Refused1	
A9. How wou	ald you describe your concerns about X 's <i>emotional and</i>	social
1	Minor concerns1	
	Moderate concerns2	
	Severe concerns3	
	Don't know2	
	Refused1	
development,	have any concerns about X 's <i>physical development</i> ? By I mean things such as age-appropriate changes in body nd the functioning of various body systems.	
No	2	SKIP TO A12
Don't	know2	

A6. Now I will ask you some questions about **X**'s development, behaviors and learning.

Refuse	d1	
A11. How wou	ıld you describe your concerns about X 's <i>physical deve</i>	lopment?
Minor c	roncerns1	
Modera	te concerns2	
Severe o	concerns3	
Don't k	now2	
Refused	l1	
A12. Keeping Yes	in mind X 's age, do you have any concerns about his/h	er ability to learn?
No	2	SKIP TO A14
Don't k	cnow2	
Refuse	d1	
	Ald you describe your concerns about X 's ability to lear Minor concerns	
concentrate?	22 0 uge, ao y ou may e amy eomeenno ao out mon	er defined to
	Yes1	
	No2	SKIP TO A16
	Don't know2	
	Refused1	
A15. How wou	Minor concerns about X 's <i>ability to cond</i> Minor concerns	centrate?
	Refused1	

A16. For the next series of questions, I would like to compare \mathbf{X} to children about the same age who do not have spina bifida.

Does this so	and	_
	Very much like X1	
	A little like X, or2	
	Not like X3	
	Don't know2	
	Refused1	
	children are good at paying attention to things and staying focused on what ag. Does this sound Very much like X1	эt
	A little like X, or2	
	Not like X3	
	Don't know2	
	Refused1	
A18. Some	Children like to do things on their own even if it's hard. Does this sound Very much like X	•
A19. Some	children are restless, fidget a lot, and have trouble sitting still. Does this	
	Very much like X1	
	A little like X, or2	
	Not like X3	
	Don't know2	
	Refused1	
A20. Some	children try to finish things, even if it takes a long time. Does this sound Very much like X1	•
	A little like X, or2	
	Not like X3	

Some children are fairly quiet and passive and it takes a lot to get them to react to things.

	Don't know2
	Refused1
	children get easily involved in everyday things that go on at home, like h toys, or paying attention to conversations. Does this sound Very much like X1
	A little like X, or2
	Not like X3
	Don't know2
	Refused1
	children get very distracted by sights and sounds, and can't seem to screen ry well. Does this sound
	Very much like X1
	A little like X, or2
	Not like X3
	Don't know2
	Refused1
A23. Some	children are frequently anxious or depressed. Does this sound Very much like X
A24. Some	children have a lot of trouble making or keeping friends. Does this sound Very much like X1
	A little like X, or2
	Not like X3
	Don't know2
	Refused1
	some children are with other children their same age, they take turns and Does this sound Very much like X1

	A little like X, or2	
]	Not like X3	
	Don't know2	
	Refused1	
A26. Would yo	ou say that \mathbf{X}	
•	Has No trouble playing with other children,1	
]	Has some trouble playing with other children, or2	
]	Has a lot of trouble playing with other children3	
]	Don't know2	
]	Refused1	
A27. Compared	d with other children about the same age, how would y	you describe the
appropriateness	s of ${ m X}$'s behavior? Would you say that his/her behavio	or
]	Is typical and appropriate for his/her age,1	
-	Is mildly inappropriate,2	
-	Is moderately inappropriate, or3	
	Is severely inappropriate?4	
]	Don't know2	
]	Refused1	
A28. Compared problems	l with other children about the same age, does $f X$ learn	, think, and solve
-	Better than other children his/her age,1	
-	As well as other children,2	
:	Slightly less well than other children, or3	
	Much less well than other children4	
j	Don't know2	
	Refused1	
A29. How often	n does \mathbf{X} play with or interact with other children his/lembers)?	her age (do not count
]	Daily1	SKIP A30
,	Weekly2	SKIP A30
]	Monthly3	SKIP A30
]	Less than monthly4	SKIP A30
]	Never5	SKIP A30
	Other, specify6	
]	Don't know2	SKIP A30

Refu	sed1	SKIP A30
.30. Other specify_		
	INTERVENTION SERVICES	
called Babies Can' ndividualized Fam	ceive services from a program called Early Intervent t Wait in Georgia)? Children receiving these servic ily Service Plan (IFSP)	
	1	
	2	SKIP TO A41
	't know2	
Refu	1	
READ OPTIONS A	f Early Intervention services did/does X receive?	
Equ	ipment devices and/or services1	SKIP A33
Aud	diology services2	SKIP A33
Fan	nily training, counseling, and home visits3	SKIP A33
Неа	alth services4	SKIP A33
Me	dical services only for	
	diagnostic or evaluation purposes5	SKIP A33
Occu	pational therapy6	SKIP A33
Phys	ical therapy7	SKIP A33
Psycl	hological services8	SKIP A33
Servi	ce coordination services9	SKIP A33
Socia	al work services10	SKIP A33
Spec	ial instruction11	SKIP A33
Spee	ch-language pathology12	SKIP A33
Trans	sportation and related costs13	SKIP A33
Othe	r, specify14	
Don'	t know2	SKIP A33
Refu	sed1	SKIP A33
22 04- 16		
133. Other specify_		

A35		_(years)	(mo	nths)
profession	old was X when he/shoal?		-	
IF STILL APPLICA	RECEIVING EARLY	INTERVENTION S	ERVICES WRIT	ΓE "NOT
A37		_ (years)	(months)
	t was the reason/s X sto	opped receiving Earl	y Intervention se	rvices?
	Age (i.e., too old)		1	SKIP A39
	Completed the durat	tion of services recom	mended2	SKIP A39
	You (i.e., parent) de	cided to stop using ser	vices3	SKIP A39
	Other, specify		4	
	Don't know		2	SKIP A39
	Refused		1	SKIP A39
A39. Othe	r specify			
A40. How	would you rate the Ear Excellent	rly Intervention servi		ved?
	Very Good		2	
	•			
	Fair		4	
	Poor		5	
	Don't know		2	
	Refused		1	
Education	currently or did he/she services? Children rece Plan (IEP)	eiving these services	often have an In	-
	Yes		1	
	No		2	SKIP TO A49
	Don't know		2	

	was X when he/she first started regularly getting Special a professional?	al Education
A43	(years)(1	months)
professional?_	was X when he/she stopped getting Special Education s	
APPLICABLE		5 (,THIL 1(6)
A45	(years)	(months)
, , , , , , , , , , , , , , , , , , ,	oe of Special Education services does/did X receive? ONS AND CHECK ALL THAT APPLY	
	Equipment devices and/or services1	SKIP A47
	Audiology2	SKIP A47
	Behavior support/counseling/psychology services3	SKIP A47
	Health services4	SKIP A47
	Medical services only for diagnostic	
	or evaluation purposes5	SKIP A47
	Occupational therapy6	SKIP A47
	Physical therapy7	SKIP A47
	Psychological services8	SKIP A47
	Service coordination services9	SKIP A47
	Social work services	SKIP A47
	Special instruction	SKIP A47
	Speech-language pathology12	SKIP A47
	Transportation and related costs	SKIP A47
	Other, specify14	
	Don't know2	SKIP A47
	Refused1	SKIP A47
A47. Other sp	ecify	
A48. How wo	uld you rate the Special Education services that X receiv	ves/received?
	Very Good2	
	Good	

	Poor5
	Don't know2
	Refused1
A49. Does X c	urrently
	NS AND CHECK ALL THAT APPLY
	Attend a preschool program in an elementary school1
	Attend an early childhood or
	preschool center, or nursery school2
	Attend a child care center3
	Receive home-based services4
	Attend another program, specify5
	Does not attend any center and
	does not receive any home-based services6
	Don't know2
	Refused1
	B. GENERAL HEALTH
	ritch gears. The next few questions will be about ${f X}$'s general health. There questions about your own health.
-	with other children about the same age as X , how would you rate X 's in the past month?
	Excellent1
	Very Good2
	Good3
	Fair4
	Poor5
	Don't know2
	Refused1
and emotional	to other children about the same age as X , how would you rate X 's mental nealth in the past month? Excellent1
	Very Good2
	Good3
	Fair4
	Poor5
	Don't know2

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	Refused1	
B3. How wou	uld you rate your own physical health in the past month? Excellent1	
	Very Good2	
	Good3 Fair4	
	Poor5	
	Don't know2	
	Refused1	
B4. How wou	uld you rate your own mental and emotional health in the past montl Excellent1	1?
	Very Good2	
	Good3	
	Fair4	
	Poor5	
	Don't know2	
	Refused1	
B5. Some chil	ildren complain about experiencing pain. Has ${f X}$ ever complained of Yes1	pain?
	No	C1
	Don't know2	
	Refused1	
B6. How ofter	en would you say X complains of pain? Daily1	
	A couple of times per week (2 times/week)2	
	A few times per week (3-6 times/week)3	
	A couple of times per month4	
	Don't know2	
	Refused1	
B7. How long	g has X experienced the pain? Would you say Less than a month1	
	At least 1 month but less than 3 months2	
	At least 3 months but less than 1 year or,3	
	Greater than 1 year4	

	Don't know2	
	Refused1	
B8. During tl hours?	he past month, has ${f X}$ had a problem with pain that lasted ${f I}$	nore than 24
ilouis.	Yes1	
	No2	
	Don't know2	
	Refused1	
_	al, when ${f X}$ complains of pain has the pain been caused by ause of a fall)?	a specific injury
	Yes1	
	No2	
	Don't know2	
	Refused1	
B10. In gene children?	ral, does ${f X}$ feel more, less, or about the same amount of p	ain as other
	More pain1	
	About the same amount of pain2	
	Less pain3	
	Don't know2	
	Refused1	
_	ing X 's pain, which regions are generally affected? ONS AND CHECK ALL THAT APPLY	
	Head1	SKIP B12
	Neck2	SKIP B12
	Face/Teeth3	SKIP B12
	Shoulder4	SKIP B12
	Upper arm5	SKIP B12
	Mid arm6	SKIP B12
	Lower arm7	SKIP B12
	Hand8	SKIP B12
	Buttocks9	SKIP B12
	Upper leg10	SKIP B12
	Mid leg11	SKIP B12
	Lower leg12	SKIP B12

	Foot	13	SKIP B12
	Sternum	14	SKIP B12
	Chest	15	SKIP B12
	Abdomen	16	SKIP B12
	Spine	17	SKIP B12
	Other, specify	18	
	Don't know	2	SKIP B12
	Refused	1	SKIP B12
B12. Other sp	ecify		
			

C. MEDICAL INFORMATION

Those were the questions I had about general health. Now I am interested in medical problems that X may have experienced. As you know, children with spina bifida may experience certain medical problems and need special care and treatments. The next series of questions are about such potential medical problems and the related care that may be required.

HEALTH CARE

C1. During the past 12 months , how many times did X see a doctor, health care professional to receive care or treatment <i>directly related to</i> Please do not include well visits or general physical exams.	spina bifida?	ıes
C2. Where does \mathbf{X} receive his/her <i>spina bifida related</i> medical care \mathbf{m}		
Private physician's office1	SKIP C3	
Emergency room2	SKIP C3	
Hospital outpatient department3	SKIP C3	
Clinic or health center		
(NOT multidisciplinary spina bifida clinic)4	SKIP C3	
Multidisciplinary clinic specialized in spina bifida5	SKIP C3	
Some other place, specify6		
X does not go to one specific place most often7	SKIP C3	
Don't know2	SKIP C3	
Refused1	SKIP C3	

C3. Some other specify	er place
C4. During the care that he/sh	e past 12 months, would you say that X received all the <i>spina bifida related</i> the needed? Yes
	No
	Don't know2
	Refused1
CHECK ALL	X Not get all the <i>spina bifida related</i> care that he/she needed? THAT APPLY ONSES ONLY IF NECESSARY)
	Cost too much1
	No insurance2
	Health plan problems3
	Can't find a doctor who accepts X's insurance4
	Not available in area/transport problems5
	Not convenient times/could Not get appointment6
	Doctor did not know how to treat or provide care7
	Dissatisfaction with doctor8
	Did not know where to go for treatment9
	Child refused to go10
	Could not get time off from work to go11
	Treatment is ongoing12
	No referral13
	Lack of resources at school/daycare14
	Other, specify15
	Don't know2
	Refused1
C6. Other specify	
preventive car	ne past 12 months , how many times did X see a doctor or nurse for <i>general</i> re, such as a physical exam or a well-child check-up? Please do not include risits specifically related to spina bifida (e.g., visits to a neurosurgeon or

urologist)._____times

C8. Where does X receive his/her <i>general/preventive</i> medical care mo	ost often? (e.g.,
immunization, well-child check-ups) Private physician's office1	SKIP C9
Emergency room	SKIP C9
Hospital outpatient department3	
Clinic or health center	
(NOT multidisciplinary spina bifida clinic)4	SKIP C9
Multidisciplinary clinic	
specialized in spina bifida5	SKIP C9
Some other place, specify6	
X does not go to one specific place most often7	SKIP C9
Don't know2	SKIP C9
Refused1	SKIP C9
Terused	ordir do
C9. Some other place specify	
C10. Now I will ask some questions that have to do with neurosurger What is X 's level of lesion? Thoracic lesion1	y and urology
Mid-lumbar lesion2	
Low-lumbar lesion3	
Sacral lesion4	
Don't know2	
Refused1	
NEUROSURGERY	
C11. Most children with spina bifida have a shunt. Does X have a shu	int?
No2	SKIP TO C21
Don't know2	
Refused1	
C12. Have you ever suspected that there may be a problem with the s Yes1	hunt?
No2	SKIP TO C15
Don't know2	
Refused1	

C13. What made you suspect that there may be a problem with **X**'s shunt? CHECK ALL THAT APPLY Complaints of headaches...... SKIP C14 Difficulties eating......2 SKIP C14 Gagging3 SKIP C14 Weak cry......4 SKIP C14 Fuzziness......5 SKIP C14 Arm weakness......6 SKIP C14 High pitched cry......7 SKIP C14 Noisy breathing.....8 SKIP C14 Cyanosis (was turning blue).....9 SKIP C14 Difficulties breathing.......10 SKIP C14 Other, specify......11 Don't know....-2 SKIP C14 Refused.....-1 SKIP C14 C14. Other, specify C15. Has the shunt ever been obstructed? Yes......1 SKIP C16 Don't know....-2 SKIP C16 Refused.....-1 SKIP C16 C16. How many times has this happened in **X**'s life? time/s C17. Has the shunt ever been infected? Yes......1 SKIP C18 Don't know....-2 SKIP C18 Refused.....-1 SKIP C18 C18. How many times has this happened in **X'**s life? _____ time/s C19. Has the shunt ever been replaced or changed? Yes......1 No......2 SKIP C20 Don't know....-2 SKIP C20

	Refused1	SKIP C20
C20. How man	y times has this happened in X 's life?	time/s
C21. Has X ev	er received a diagnosis of tethered cord?	
	Yes1	
	No2	
	Don't know2	
	Refused1	
C22. How man	y times has this happened in X 's life?	time/s
	UROLOGY	
C23. Has X ev care provider?	er had a urinary tract infection that was diagnosed by a	doctor or health
	Yes1	
	No2	SKIP C24
	Don't know2	SKIP C24
	Refused1	SKIP C24
C24. How man	y urinary tract infections would you say $f X$ has had?	
C25 Has X be	en potty trained?	
	Yes1	
	No2	
	X is currently being potty-trained3	
	Don't know2	
	Refused1	
	ave accidental urinary leakage (i.e., incontinence)? Yes, during the day1	
	No2	SKIP TO C29
	Yes, both during the day and night3	
	Yes, but only at night4	
	Don't know2	
	Refused1	
	n does X have accidental urinary leakage (i.e., incontine Daily1	ence)?
	A couple of times per week (2 times/week)2	

	A few times per week (3-6 times/week)3
	A couple of times per month4
	Don't know2
	Refused1
	ou say that ${f X}$'s accidental urinary leakage is a great problem, somewhat of
a problem, or	not a problem at all?
	A great problem
	Not a problem at all
	Don't know2
	Refused1
C29. Does X i	ise some type of bladder management program?
323. 2363 11.	Yes1
	No
	Don't know2
	Refused1
C30. What tvr	be of bladder management program is ${f X}$ using?
Coo. What typ	or or order management program to 22 aoms.
_	THAT APPLY
(READ RESP	ONSES ONLY IF NECESSARY)
	Clean Intermittent Catheterization (CIC)1
	Dribble (wearing diaper)2
	Crede (applying pressure to the abdomen)3
	Indwelling catheter (tube in bladder all the time)4
	Other, specify what type5
	Don't know2
	Refused1
C31. Does X	use diapers or a pad?
	Yes, during the day1
	No
	Yes, both during day and night
	Yes, during the night
	Don't know2
	Refused1

C32. How of	d was X when he/she started a bladder man years		ram?
C33 Did voi	ı, or anybody in your family, ever receive tı		rmation about
•	raining or bladder management?	ranning of inito	illiation about
	Yes	1	
	No	2	SKIP TO C35
	Don't know	2	
	Refused	1	
C34. How sa	itisfied are you with the training you receive	ed on continen	ce training or
	Very satisfied	1	
	Somewhat satisfied	2	
	Not very satisfied	3	
	Not satisfied at all	4	
	Don't know	2	
	Refused	1	
C35. Does X	have bowel accidents?		
	Yes	1	
	No	2	SKIP TO C41
	Don't know	2	
	Refused	1	
C37. How of	ten does X have bowel accidents? Daily	1	
	A couple of times per week (2 times/week)		
	A few times per week (3-6 times/week)		
	A couple of times per month		
	Don't know		
	Refused		
	Keruseu		
	you say that \mathbf{X} 's bowel accidents are a greanot a problem at all?	t problem, son	newhat of a
	A great problem	1	
	Somewhat of a problem	2	
	Not a problem at all	3	

	Don't know2	
	Refused1	
C39. Does X l	nave a bowel management program?	
	Yes	CLUD TO CAR
	No	SKIP TO C42
	Don't know2	
	Refused1	
C40. What typ	be of bowel management program is X using? Involuntary, uses diaper or pad1	SKIP C41
	Regular scheduled bowel	
	movements with aids (enemas, digital stimulation)2	SKIP C41
	Regular scheduled bowel	
	movements with no aids used3	SKIPC41
	Other, specify	
	Don't know2	SKIP C41
	Refused1	SKIP C41
C41. Other specify		
C42. Did you, bowel manage	or anybody in your family, ever receive any training anoment?	l information about
	Yes1	
	No2	SKIP TO C
	Don't know2	
	Refused1	
C43. How sati	sfied are you with the training you received on bowel me Very satisfied1	anagement?
	Somewhat satisfied2	
	Not very satisfied3	
	Not satisfied at all4	
	Don't know2	
	Refused1	

SURGERY

Now I have a few questions about surgeries **X** might have had.

C44. How many surgeries has X had in his/her life? This includes, for example, the closure of the lesion or the insertion of a shunt
C45. How many surgeries did X have in the past 12 months?
C46. Please tell me the year and what type of surgery X has had (e.g., 2007, shunt revision; 2005 cord release/untethering; 2004 Chiari decompression). If you are Not sure about the name of the surgery please describe what was done (e.g., spine surgery, brain surgery). 1. Date
Type of surgery
2. Date
Type of surgery
3. Date
Type of surgery
4. Date
5. Date
Type of surgery
OTHER
C47. Does X have a diagnosis of something else? For instance, has a doctor or nurse ever told you that X has or have had any of the following? READ RESPONSES AND CHECK ALL THAT APPLY Hearing problem
Vision problem2
Asthma3
Attention Deficit Disorder or
Attention Deficit Hyperactive
Disorder (ADD or ADHD)4
Latex allergy
Epilepsy or seizure disorder6
Behavioral problem7
•
Developmental delay
Ocular disorders (e.g., strabismus)9
Clubfoot
Foot/ankle deformities
Scoliosis (i.e., side-to-side curvature of the spine)12
Kyphosis (i.e., abnormally rounded back)13
Mental retardation or an intellectual disability14

23

	Pressure sore	
	Refused1	
included in the	etor or nurse said that X has or have had something else list? Yes1	that was Not
	No2	SKIP TO D1
	Don't know2 Refused1	
C49. What was	it that the doctor or nurse told you that \mathbf{X} had?	
	D. MOBILITY/FUNCTIONING/INDEPENDENC	Œ
	MOBILITY	
Now I would li	ke to know how ${f X}$ gets around and what, if any, equipm	nent he/she uses.
D1. Is X able to	o walk without any mobility problems and without using	g any mobility
	Yes1	SKIP TO D9
	No2	
	Don't know2	
	Refused1	
outdoors for mowheelchair for	munity ambulator? That means that he/she is able to wa ost activities, but may need braces, crutches, or both. He long distances or durations.	e/she may use a
	Yes1	SKIP TO D7
	No	
	Refused1	
	1.C10.C0	

with apparatu	<i>usehold ambulator</i> ? That means that he/she is able to w s. He/she is able to get in and out of a chair and bed wit	h little if any
	e/she may use a wheel chair for some indoor activities a	t home or at
daycare/pre s	chool, and for all activities in the community. Yes1	SKIP TO D7
	No	
	Don't know2	
	Refused1	
D4. Is X an <i>e</i> :	xercise/emergency ambulator? That means that he/she o	can only take a few
	g is a therapy session at home or in the hospital. A when	
move from pl	±	
	Yes1	SKIP TO D6
	No2	
	Don't know2	
	Refused1	
	Yes	
	Refused1	
	ot walking, at what age did he/she stop walking? months X never walked	76
*	nipment does X use to help with his/her mobility? ONSES AND CHECK ALL THAT APPLY	
	Walking aids (such as canes, crutches, and walkers)1	SKIP D8
	Leg Braces (such as ankle-foot-orthosis, knee-ankle-foot or	rthosis,
	hip-knee-ankle-foot orthosis)2	SKIP D8
	Manual wheelchair propelled by self3	SKIP D8
	Manual wheelchair propelled by other4	SKIP D8
	Electric wheelchair5	SKIP D8
	Other, specify6	
	None of the above	
	Don't know2	
	Refused1	

101 🔏 10 8	get around at home? Yes1	
	No	SKIP TO D12
	Don't know2	
	Refused1	
	at kind of changes have you made to make it easier for ${f X}$ to gALL THAT APPLY	get around?
	Moved to a different house or apartment	
	(e.g., moved to an apartment on the first	
	floor or a single floor house)1	SKIP D11
	Installed ramps/lifts2	SKIP D11
	Installed elevator3	SKIP D11
	Improved access to different rooms	
	(e.g., made the door to the bathroom wider)4	SKIP D11
	Other, specify5	
	None of the above6	SKIP D11
	Don't know2	SKIPD11
	Refused1	SKIPD11
D11. Oth	ner	
	w much does living with spina bifida affect X 's ability to do t Would you say a great deal, some, very little, or not at all? A great deal1	he things that o
	Some2	
	Very little3	
	Not at all4	
	Don't know2	

Don't know....-2

Refused1	
D14. How long has X received physical therapy?months	
D15. Why does/did X receive physical therapy?	
D16. How many times per week does/did X receive physical therapy?	
3 1 13	
D17. How long does/did each session last?	
D18. Has X ever received occupational therapy? 1 Yes	SKIP TO D23
D19. How long has X received occupational therapy?months	
D20. Why does/did X receive occupational therapy?	
D21. How many times per week does/did X receive occupational therapy	?
D22. How long does/did each session last?	

INDEPENDENCE

Now I will ask some questions about independence. I know that \mathbf{X} is very young and may not be expected to perform all of the following types of activities independently yet. But I am interested in how independent \mathbf{X} currently is in performing these types of activities

	Deople living with spina bifida "cath" (i.e., use clean interr	nittent
Cameterizano	on) to empty their bladder. Is X cathing? Yes1	
	No2	SKIP TO D28
	Don't know2	5141 10 5 2 5
	Refused1	
D24. How in	dependent is \mathbf{X} currently at cathing?	
	Independent without prompting1	
	Independent with prompting2	SKIP TO D26
	Independent with prompting and supervision3	SKIP TO D26
	Dependent on adult but helps some4	SKIP TO D26
	Dependent on adult5	SKIP TO D26
	Don't know2	SKIP TO D26
	Refused1	SKIP TO D26
D25. At wha	t age did ${f X}$ manage his/her cathing schedule without bein	g prompted by
another perso	on?yearsı	months
DOC Miles	was of average door V was to vomember to geth?	
D26. What ty	ypes of prompts does X use to remember to cath? Parental or adult prompt1	SKIP D27
	Beeper	SKIP D27
	Alarm clock	SKIP D27
	Other, specify4	ordi BZ,
	Don't know2	SKIP D27
	Refused1	SKIP D27
D27. Other s	pecify	
		_
D28. How in prompting?	dependent is ${f X}$ in managing his/her bowel management p	rogram without
	Independent without prompting1	
	Independent with prompting2	SKIP TO D30
	Independent with prompting	
	and supervision3	SKIP TO D30

Dependent on adult but helps	some4	SKIP TO D30
Dependent on adult	5	SKIP TO D30
Does not have a bowel manag	gement program6	
Don't know	2	SKIP TO D30
Refused	1	SKIP TO D30
D29. At what age did X manage his/her bo by another person?ye Apply		
D30. What types of prompts does X use?		
CHECK ALL THAT APPLY Parental or adult prompt	1	SKIP D31
Beeper		SKIP D31
Alarm clock		SKIP D31
Other, specify		ordi Doi
None of the above		SKIP D31
Don't know		SKIP D31
Refused		SKIPD31
D31. Other specify		
D32. Is \mathbf{X} , or somebody else, regularly ins	1 0	
Yes		
No		SKIP TO D34
Don't know Refused		
D33. How independent is X in inspecting Independent without prompting		
Independent with prompting	2	
Independent with prompting a	and supervision3	
Dependent on adult but helps	some4	
Dependent on adult	5	
Don't know	2	
Refused	1	

D34. How important do you think it is that \mathbf{X} is or becomes independent at cathing, managing his/her bowel, and inspecting his/hers skin?

Very important		1
Somewhat impo	ortant	2
Not very impor	tant	3
Not important a	nt all	4
Don't know		2
Refused		1
bowel and bladder, and inspec	l become completely independen cting his/her skin?	
ř		
Don't know		2
Refused		1
D36. At what age do you expe	ect \mathbf{X} to be independently:	
Cathing or managing his/her b	oladder years	months
	years	
Inspecting his/her skin	years	months
E. PHYSICA	L ACTIVITY, NUTRITION, 8	& WEIGHT
	PHYSICAL ACTIVITY	
The next few questions are ab	oout physical activity	
least 60 minutes per day? (Acactivity that increased his/her	on how many days was X physic ld up all the time that X spent in heart rate and made him/her brea	any kind of physical athe hard some of the time).
2 days		2 SKIP TO E3
3 days		3 SKIP TO E3
4 days		4 SKIP TO E3
5 days		
		5 SKIP TO E3

	7 days
	Don't know2 Refused1
	he main reason that X did not participate in physical activities in the past
starting with the	of physical activities does X generally participate in? Please list them e activity he/she participates in most often.
2	
4	
5	
Refused E4. Compared t	to most children X 's age, would you say that X is tive than other children
	s active as other children2
Less acti	ve than other children3
Don't kn	now2
Refused	1
at least 30 minı	e past 7 days, on how many days were <i>you</i> physically active for a total of ates per day? (Add up all the time that you spent in any kind of physical creased your heart rate and made you breathe hard some of the time) 0 days
	Don't know2
	Refused1

E6. How impo	ortant do <i>you</i> feel that physical activity is? Very important1
	Somewhat important2
	Not very important
	Not important at all4
	Don't know2
	Refused1
E7. On an ave	erage day, how many hours does X watch TV or DVD?
	X does not watch TV or DVD1
	Less than 1 hr per day2
	1 hr per day3
	2 hrs per day4
	3 hrs per day5
	4 hrs per day6
	5 or more hrs per day7
	Don't know2
	Refused1
E8. On an ave computer?	erage day, how many hrs does ${f X}$ play video or computer games or use a
1	X does not use the computer or play video games1
	Less than 1 hr per day2
	1 hr per day3
	2 hrs per day4
	3 hrs per day5
	4 hrs per day6
	5 or more hrs per day7
	Don't know2
	Refused1

NUTRITION

Now I will ask some questions about what **X** ate in the past week. I know it can be hard to remember but please do your best.

E9. **During the past 7 days**, how many times did **X** drink 100% *fruit juices* such as orange juice, apple juice, or grape juice? (Do **NOT** count punch, Kool-Aid, sports drink, or other fruit-flavored drinks)

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X did not drink 100% fruit	
juices during the past 7 days1	
7-13 times2	
14 to 20 times3	
21-27 times4	
28 or more times in the past 7 days5	
Don't know2	
Refused1	
10. During the past 7 days , how many times did X eat <i>fruit?</i> (Do NOT count frices)	ıit
X did not eat fruits in the past 7 days1	
7-13 times2	
14 to 20 times3	
21-27 times4	
28 or more times in the past 7 days5	
Don't know2	
Refused1	
11. During the past 7 days, how many times did X eat vegetables?	
X did not eat vegetables in the past 7 days1	
7-13 times2	
14 to 20 times3	
21-27 times4	
28 or more times in the past 7 days5	
Don't know2	
Refused1	
12. During the past 7 days , how many times did X drink a can, bottle, or glass or pop, such as Coke, Pepsi, or Sprite? (Do NOT include diet soda or diet pop)	of s

 soda

R	efused	1
that X drank in a	past 7 days , how many glasses of milk did X driglass, or cup, from a carton, or with cereal) did not drink milk during the past 7 days	1
	4 to 20 times	
	1-27 times	
	3 or more times in the past 7 days	
	on't know	
	efused	
N	eruseu	1
	WEIGHT	
Now I will ask yo	ou some questions regarding ${f X}$'s weight	
E14. How tall is 2	X without his/her shoes on?	
	u determine X 's height? gave my best estimate of X's height	1
Tl	hat's how tall X was when he/she was last measured	2
D	on't know	2
Re	efused	1
	he last time X 's height was measured?	1
Le	ss than a month ago	2
Ве	etween 1 month and 1 year ago	3
Mo	ore than 1 year but less than 2 years ago	4
Mo	ore than 2 years but less than 3 years ago	5
Mo	ore than 3 years ago	6
Do	on't know	2
Re	fused	1
E17. How much o	does X weigh without his/her shoes on?	lbs or
		kgs

E18. How did you determine what **X** weighs?

I gave my best estimate of X's weight

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	(i.e., estimate NOT from a scale)	.1	
Т	That's how much X weighed when		
	he/she was last weighed on a scale	.2	
Ι	Oon't know	·2	
F	Refused	·1	
T40 T.7			
	the last time X was weighed on a scale? Never	1	
	Less than a month ago		
	Between 1 month and 1 year ago		
	More than 1 year but less than 2 years ago		
	More than 2 years but less than 3 years ago		
	More than 3 years ago		
	Oon't know		
	Refused		
Г	Teruseu	.1	
•	ever been told by a healthcare professional that ${f X}$ is Ves, overweight.		r or underweight?
ľ	No	.2	SKIP TO E23
Ŋ	Yes, underweight	.3	SKIP TO E22
C	Other, specify	.4	
Ι	Oon't know	-2	
F	Refused	·1	
SKIP E21 IF CI	HILD WAS Not CONSIDERED OVERWEIGHT		
E21. How old w	as X when you were told that he/she was overweigh months	ıt?	
SKIP E22 IF CI	HILD WAS Not CONSIDERED UNDERWEIGHT		
	vas X when you were told that he/she was underweig	ght?	
years_	months	-	
E22 Herry and	d was dagawiha W /a assumant saialat?		
	d you describe <i>X's current weight</i> ? /ery underweight	1	
	Slightly underweight		
	About the right weight		
	Slightly overweight		
	Very overweight		
	On 24 linears	2	

	Refused		1	
E24. How wo	uld you describe <i>yo</i>	ur own weight?	1	
	į G	ıt		
		ght		
		5111		
	0 1			
	•			
			_	
E25. Has X ev	ver seen a professio	nal nutritionist?		
	Yes		1	
	No		2	
	Don't know		2	
	Refused		1	
		E DEMOCDADIII	ICS	
		F. DEMOGRAPHI	iCS	
We're almost family.	done. To finish up,	we have a few basic	c questions about yo	ou, \mathbf{X} , and your
F1. What is X	's date of birth?			(mm/dd/yyyy)
F2. Where wa	s X born?			
	City	County	State	Country
F3. Is X Hispa			4	
			2	
	2011 (11110) , , , , , , , , , , , , , , , , , ,	•••••		
	Refused		1	
F4. What is X CHECK ONE	a's race/ethnicity?			
	White		1	
	Black/African-Ame	rican	2	
	American Indian		3	
	Alaska native		4	
		•••••		

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Pacific Islander7
Other8
Don't know2
Refused1
Hispanic or Latino origin (Includes Mexican, Mexican American, Central outh American, or Puerto Rican, Cuban, or other Spanish Caribbean)?
Yes1
No
Don't know2
Refused1
ny siblings does X have?
ny people live in your household, including yourself?
the primary language spoken in the household? E
English1
Spanish2
Any other language3
Don't know2
Refused1
than one language spoken in the household on a regular basis?
Yes1
No2
Don't know2
Refused1
s your current marital status? IE
Married (excluding separation)1
Living with a partner (cohabitating)2
Single, never married3
Separated4
Divorced5
Widowed6
Don't know2
1 1

Refused.....-1

F11. What is your highest level of education? CHECK ONE	
8th grade or less	
9th-12th grade; no diploma2	
High school grad or GED3	
Completed vocational, trade or business school program4	
Some college credit but No degree5	
Associate degree6	
Bachelor's degree7	
Master's degree8	
Doctorate or professional degree9	
Don't know2	
Refused1	
F12. What is your current employment status? CHECK ONE	
Employed full-time	SKIP TO F13 OR F14
Employed part-time2	SKIP TO F13 OR F14
Not employed outside the home3	
Don't know2	
Refused1	
F13. You said that you are not currently employed outside the home. Vereason you are not currently employed? Is it because you are A student	What is the main
A homemaker2	
Able to work, but currently	
Not working (for example, looking for a job)3	
Permanently disabled4	
A full-time caregiver of X5	
A full-time caregiver of somebody other than X6	
Retired7	
Don't know2	
Refused1	

The next few questions are about **X**'s parents. Before I ask them, I need to know which parents live in this household with **X**.

IF RESPONDENT IS X'S MOTHER OR FATHER-GO TO F14
IF RESPONDENT IS SOMEBODY OTHER THAN X'S MOTHER OR FATHER- GO
TO F15

F14. Earlier you mentioned that you are X 's mother/father. Ar adoptive, step, or foster mother/father? SKIP TO F17	e you X	's biological,
Biological mother	1	
Stepmother		
Foster mother		
Adoptive mother		
Biological father		
Stepfather		
Foster father		
Adoptive father		
Don't know		
Refused		
refused		
F15. Earlier you told me that you are X 's Other that any (other) parents, or people who act as his/her parents living Yes	g here?	elf, does X have
No	2	SKIP TO F17
Don't know	2	
Refused	1	
F16. What is their relationship to X ? CHECK ALL THAT AP RESPONDENT RESPONDS "MOTHER" OR "FATHER" PI HIS/HER BIOLOGICAL, ADOPTIVE, STEP OR FOSTER'? Biological mother	ROBE: '	
Stepmother		
Foster mother		
Adoptive mother		
Biological father		
Stepfather		
Foster father		
Adoptive father		
Sister or brother (Step/foster/half/adoptive)		
In-law of any type		
Aunt/uncle		

	Cyandmathay	
	Grandmother12	
	Grandfather13	
	Other family member14	
	Female guardian15	
	Male guardian16	
	Respondent's partner or boy/girlfriend17	
	Other Non-relative	
	Two or more of the same relationship type19	
	Mother type unknown20	
	Father type unknown21	
	Other relationship unknown22	
	Don't know2	SKIP TO F17
	Refused1	SKIP TO F17
IF BI	OLOGICAL MOTHER AND BIOLOGICAL FATHER LIVE IT	N THE
HOU: F18. I	OLOGICAL MOTHER AND BIOLOGICAL FATHER LIVE IT SEHOLD SKIP TO F19 Does X have any other parents, or people who act as his/her pare address?	
HOU: F18. I	SEHOLD SKIP TO F19 Does X have any other parents, or people who act as his/her pare saddress? Yes1	
HOU: F18. I	SEHOLD SKIP TO F19 Does X have any other parents, or people who act as his/her pare address? Yes	
HOU: F18. I	SEHOLD SKIP TO F19 Does X have any other parents, or people who act as his/her pare address? Yes	
HOU: F18. I	SEHOLD SKIP TO F19 Does X have any other parents, or people who act as his/her pare address? Yes	
HOU:	SEHOLD SKIP TO F19 Does X have any other parents, or people who act as his/her pare address? Yes	
HOU:	SEHOLD SKIP TO F19 Does X have any other parents, or people who act as his/her pare address? Yes	
HOU:	SEHOLD SKIP TO F19 Does X have any other parents, or people who act as his/her pare address? Yes	
HOU:	SEHOLD SKIP TO F19 Does X have any other parents, or people who act as his/her pare address? Yes	
HOU:	Does X have any other parents, or people who act as his/her pare address? Yes	
HOU:	Does X have any other parents, or people who act as his/her pares address? Yes	
HOU:	Does X have any other parents, or people who act as his/her pares address? Yes	

Sister or brother (Step/foster/half/adoptive)......9

Aunt/ı	uncle	11	
Grand	lmother	12	
Grand	lfather	13	
Other	family member	14	
Femal	le guardian	15	
Male	guardian	16	
Respo	ondent's partner or boy/girlfriend	17	
Other	Non-relative	18	
Two o	or more of the same relationship type	19	
Mothe	er type unknown	20	
Father	r type unknown	21	
Other	relationship unknown	22	
Don't	know	2	
Refus	ed	1	
Does X have	pina bifida. The next few questions are about costs, any type of health coverage, including health insuragovernment plans such as Medicaid? Yes	rances, 1 2	
	Don't know		
	Refused	1	
	sured by Medicaid or the State Children's Health Ins state, the program is sometimes called PeachCare Yes	?? 1 2 2	e Program S-
F22. Does X	have more than one type of insurance coverage? Yes	1	
	No		
	Don't know		
	Refused		
F23. Who pa	ays for X 's spina bifida related care and treatment	s?	

In-law of any type......10

	X's insurance pays for all spina bifida	
	related care and treatments1	SKIP TO F24
	X's insurance pats for some of X's spina bifida	
	related care & treatment2	
	X's insurance pays for none of X's spina bifida	
	related care & treatment3	
	Don't know2	
	Refused1	
	age, how much do you estimate that you pay for X 's spin ments per month (i.e., NOT covered by insurance, do not	
\$		
related care of NOTE: THIS	u ever tried to get your insurance or health plan to pay for treatments for X but they wouldn't pay? DOES NOT INCLUDE DEDUCTIBLES THAT ARE A OF THE INSURANCE POLICY OR PLAN	J 1
	Yes1	
	No2	SKIP TO F26
	Don't know2	
	Refused1	
your insurance	of the following items would your insurance NOT pay for re pay for?) THAT APPLY	? (What wouldn't
	Diagnostic procedures or tests1	
	Surgery2	
	Special equipment3	
	Therapy services4	
	Prescriptions/medications5	
	Other, specify6	
	Don't know2	
	Refused1	
wages, salarie	your family's total income? This includes income from all es, unemployment payments, public assistance, social sector from relatives etc. Please report amount before taxes. <\$10,000	
	T-1,111 10,000	

	\$20,000-29,9993
	\$30,000-39,9994
	\$40,000-49,9995
	\$50,000-59,0006
	\$60,000-69,9997
	\$70,000-79,9998
	\$80,000-89,9999
	\$90,000-99,99910
	More than \$100,00011
	Other, specify12
	Don't know2
	Refused1
	or family receive any of the following? THAT APPLY
	Food stamps or food vouchers1
	Supplemental Security Income (SSI)2
	Free or reduced cost school lunches3
	Women, Infants and Children Program (WIC)4
	Don't know2
	Refused1
F29. Has your care and treatr	
	Yes1
	No
	Don't know2
	Refused1
F30. We woul think	d love to hear what you thought of the survey. Please tell us what you

That was the last question on the survey. Thank you once more for participating.

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Please verify your address and phone number so that we can mail your check.					
Street		City	State	Zip Code	
Home Telephone Number			Cell Phone Number		
What other person your address or ph	n could we contact to none number?	get in touch with y	you if we cannot	reach you at	
First Name	Last Name	Relation	Phone Nur	nber	
FOR SURVEY Conext week.	OMPONENT: We v	will mail you \$25.0	0 for participating	g within the	