National Health and Nutrition Examination Survey

2005-2006 Data Documentation, Codebook, and Frequencies

Human Papillomavirus (HPV) DNA - Vaginal Swab: Digene Hybrid Capture & Roche Linear Array (HPVSWR_D)

Data File: HPVSWR_D.xpt

First Published: November 2010

Last Revised: November 2018

Component Description

Human papillomavirus (HPV) infection of the most common sexually transmitted infections in the United States. Cervical infection with certain types of HPV is a major risk factor for cervical cancer in women. The "high-risk" types of HPV (e.g., HPV 16, 18) are associated with cervical cancer and the "low-risk" types (e.g., HPV 6, 11) with genital warts. No national surveillance system exists to measure the full burden of HPV infection, and no reliable national population estimate of HPV exists. NHANES offers a unique opportunity to assess the prevalence of HPV infection in the general population.

Reducing the prevalence of HPV infection is a Developmental Healthy People 2010 objective: "Reducing the number of new HPV cases can help minimize the overall number of cases of high risk subtypes associated with cervical cancer in females..." Detection and typing of HPV DNA in vaginal swabs (in conjunction with testing of NHANES sera for HPV antibody) will allow evaluation of trends in prevalence of type-specific HPV infection by age, sexual behavior, and race/ethnicity. Two HPV vaccines (Gardasil and Cervarix) are licensed and recommended for use in girls and women. Routine vaccination is recommended for girls 11 or 12 years of age, and catch-up vaccination through 26 years. One vaccine (Gardasil) is licensed and available for boys and men. As vaccine becomes more widely used, the national prevalence of HPV infection will be critical for evaluating vaccination strategies in the United States.

Eligible Sample

Examined female participants aged 14-59 years were eligible. This public data file includes data for examined participants aged 18-59 years. Please see *Analytic Notes* about the release of data for adolescents aged 14-17 years.

Description of Laboratory Methodology

Digene hc2 HPV DNA Test

LBXH2RL (Hybrid Capture high risk result)
LBXH3RL (Hybrid Capture low risk result)

The vaginal swab is extracted to obtain DNA. The DNA extracts are used in the Digene hc2 HPV DNA Test. This test, using Hybrid Capture 2 technology, is a nucleic acid hybridization microplate assay with signal amplification. It uses chemiluminescence for the qualitative detection of eighteen types of human papillomavirus (HPV) DNA in cervical specimens. The hc2 HPV DNA Test can differentiate between two HPV DNA groups: low-risk HPV types (LR) 6, 11, 42, 43, 44; and high/intermediate-risk HPV types (HR)16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 68. It cannot determine the specific HPV type present.

Specimens containing the target DNA hybridize with the HR or LR HPV RNA probe cocktail. The resultant RNA: DNA hybrids are captured onto the surface of a microplate well coated with antibodies specific for RNA: DNA hybrids. Immobilized hybrids are then reacted with alkaline

phosphatase conjugated antibodies specific for the RNA: DNA hybrids, and detected with a chemiluminescent substrate. As the substrate is cleaved by the bound alkaline phosphatase, light is emitted which is measured as relative light units (RLUs) on a luminometer. The intensity of the light emitted denotes the presence or absence of target DNA in the specimen. An RLU measurement equal to or greater than the Cutoff Value indicates the presence of HPV DNA sequences in the specimen. An RLU measurement less than the Cutoff Value indicates the absence of the specific HPV DNA sequences tested or HPV DNA levels below the detection limit of the assay.

Roche Linear Array Assay

This assay uses Roche Linear Array HPV Genotyping test that is based on HPV L1 consensus polymerase chain reaction (PCR) with biotinylated PGMY09/11 primer sets. It also includes biotinylated β-globin primers as an internal control for sample amplification. The primer mix amplifies essentially all HPV types found in the genital tract along with the human β-globin gene. After amplification the samples are typed by hybridization to the typing strips followed by colorimetric detection. The strip is a linear array of probes specific for 37 HPV types (6, 11, 16, 18, 26, 31, 33, 35, 39, 40, 42, 45, 51, 52, 53, 54, 55, 56, 58, 59, 61, 62, 64, 66, 67, 68, 69, 70, 71, 72, 73, 81, 82, 83, 84, IS39, and 89) and for the positive β-globin control as well. Types are read by comparing the reaction pattern to the typing template. Samples that are negative for HPV and the β-globin control indicate lack of a suitable sample and are considered inadequate for interpretation.

Laboratory Method Files

HPV Vaginal Swab Digene High Risk Laboratory Procedure Manual (November 2018)

HPV Vaginal Swab Linear Array Laboratory Procedure Manual (November 2018)

Laboratory Quality Assurance and Monitoring

Vaginal swab samples were processed, stored and shipped to the Chronic Viral Diseases Branch, Division of High-Consequence Pathogens and Pathology, National Center for Emerging and Zoonotic Infectious Diseases, Centers for Disease Control and Prevention, Atlanta, GA for analysis.

The Digene hc2 HPV DNA Test is approved for clinical testing, but the self-collected vaginal sample does not meet clinical guidelines. The HPV PCR tests are research tests. The HPV laboratory followed strict research QC/QA and was CLIA certified August 2008. Detailed quality control and quality assurance instructions are discussed in the NHANES Laboratory/Medical Technologists Procedures Manual (LPM). Read the LABDOC file for detailed QA/QC protocols. The analytical methods are described in the **Description of the Laboratory Methodology** section.

Detailed instructions on specimen collection and processing are discussed in the NHANES Laboratory Procedures Manual (LPM). Swabs were stored at room temperature until they were shipped to the National Center for Emerging and Zoonotic Infectious Diseases for testing.

Detailed QA/QC instructions are discussed in the NHANES LPM.

Mobile Examination Centers (MECs)

Laboratory team performance is monitored using several techniques. NCHS and contract consultants use a structured competency assessment evaluation during visits to evaluate both the quality of the laboratory work and the quality-control procedures. Each laboratory staff member is observed for equipment operation, specimen collection and preparation; testing procedures and constructive feedback are given to each staff member. Formal retraining sessions are conducted annually to ensure that required skill levels were maintained.

Analytical Laboratories

NHANES uses several methods to monitor the quality of the analyses performed by the contract laboratories. In the MEC, these methods include performing blind split samples collected on "dry run" sessions. In addition, contract laboratories randomly perform repeat testing on 2% of all specimens.

Progress reports containing any problems encountered during shipping or receipt of specimens, summary statistics for each control pool, QC graphs, instrument calibration, reagents, and any special considerations are submitted to NCHS quarterly. The reports are reviewed for trends or shifts in the data. The laboratories are required to explain any identified areas of concern.

Data Processing and Editing

The data were reviewed. Incomplete data or improbable values were sent to the performing laboratory for confirmation.

Analytic Notes

Refer to the 2005-2006 Laboratory Data Overview for general information on NHANES laboratory data.

Sample Weights

MEC exam sample weights should be used for analyses.

Demographic and Other Related Variables

The analysis of NHANES laboratory data must be conducted using the appropriate survey design and demographic variables. The NHANES 2005-2006 Demographics File contains demographic data, health indicators, and other related information collected during household interviews as well as the sample design variables. The recommended procedure for variance estimation requires use of stratum and PSU variables (SDMVSTRA and SDMVPSU, respectively) in the demographic data file.

This laboratory data file can be linked to the other NHANES data files using the unique survey participant identifier (i.e., SEQN).

The Questionnaire data files contain socio-economic data, health indicators, and other related information collected during household interviews. Certain sensitive data on participants under 18 years of age (e.g., HPV typing results, sexual behavior variables) are not included in the public use files. These data may be requested as described in the NHANES guidelines.

The public release data file includes HPV vaginal swab data for participants aged 18-59. HPV vaginal swab data for youth aged 14-17 years are available through the NCHS Research Data Center (RDC).

Digene hc2 HPV DNA Test

An RLU measurement equal to or greater than the Cutoff Value of 1.0 indicates the presence of HPV DNA sequences in the specimen. An RLU measurement less than the Cutoff Value indicates the absence of the specific HPV DNA sequences tested or HPV DNA levels below the detection limit of the assay.

HPV PCR Assay

HPV Summary Variable

The HPV PCR Summary variable (LBDRPCR) indicates if at least one type is positive (LBDRPCR=1), the sample is negative (LBDRPCR=2), the sample is inadequate (LBDRPCR=3), or the sample is missing (LBDRPCR=.).

If beta-globin is not present, both LBDRHP and LBDRLP are negative in the sample and no HPV type is detected, the sample is coded as “Inadequate”.

If any of the types on the strips (LBDR06-LBDRPI) are positive, the sample is coded as positive. If all of the types on the strip are coded as negative, and beta-globin is detected (either LBDRHP or LBDRLP is positive) the sample is coded as negative.

Variables LBDRHP through LBDRPI are from the RUO Roche Linear Array HPV typing assay, however LBDR52 also includes information from a type-specific assay for HPV 52. The Linear Array typing strip includes an XR probe that hybridizes with HPV 52 as well as HPV types 33, 35 and 58. Samples positive for the XR probe and 33, 35, or 58 require specific testing to confirm the presence of HPV 52.

Detection Limits

If data is qualitative, the use of lower limits of detection (LLODs) is not applicable.

Please refer to the NHANES Analytic Guidelines and the on-line NHANES Tutorial for further details on the use of sample weights and other analytic issues.

References

- Gravitt PE, Peyton CL, Alessi TQ, Wheeler CM, Coutlee F, Hildesheim A, Schiffman MH, Scott DR, Apple RJ. Improved Amplification of Genital Human Papillomaviruses. J Clin Microbiol 2000; 38: 357-361.
- Hc2 HPV DNA Test Package Insert, Digene Corporation.
- Steinau M, Swan DC, Unger ER. Type-specific reproducibility of the Roche Linear Array HPV genotyping test. J Clin Virol 42: 412-414, 2008.

Codebook and Frequencies

SEQN - Respondent sequence number

Variable Name:	SEQN
SAS Label:	Respondent sequence number
English Text:	Respondent sequence number.
Target:	Females only 18 YEARS - 59 YEARS

LBXH2RL - Hybrid Capture high risk (RLU) result

Variable Name: LBXH2RL

SAS Label: Hybrid Capture high risk (RLU) result

English Text: Hybrid Capture high risk (RLU) result

Target: Females only 18 YEARS - 59 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
0 to 999.9	Range of Values	1751	1751	
.	Missing	296	2047	

LBXH3RL - Hybrid Capture low risk (RLU) result

Variable Name: LBXH3RL

SAS Label: Hybrid Capture low risk (RLU) result

English Text: Hybrid Capture low risk (RLU) result

Target: Females only 18 YEARS - 59 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
0 to 1294	Range of Values	1751	1751	
.	Missing	296	2047	

LBDRPCR - Roche HPV linear array summary result

Variable Name: LBDRPCR

SAS Label: Roche HPV linear array summary result

English Text: Roche HPV linear array (LA) summary result

Target: Females only 18 YEARS - 59 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Positive	801	801	
2	Negative	927	1728	
3	Inadequate	23	1751	
.	Missing	296	2047	

LBDRHP - Roche LA high positive globin control

Variable Name: LBDRHP

SAS Label: Roche LA high positive globin control

English Text: Roche LA high positive globin control

Target: Females only 18 YEARS - 59 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Positive	1716	1716	
2	Negative	35	1751	
.	Missing	296	2047	

LBDRLP - Roche LA low positive globin control

Variable Name: LBDRLP

SAS Label: Roche LA low positive globin control

English Text: Roche LA low positive globin control

Target: Females only 18 YEARS - 59 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Positive	1699	1699	
2	Negative	52	1751	
.	Missing	296	2047	

LBDR06 - HPV type 6

Variable Name: LBDR06

SAS Label: HPV type 6

English Text: HPV type 6

Target: Females only 18 YEARS - 59 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Positive	45	45	
2	Negative	1683	1728	
3	Inadequate	23	1751	
.	Missing	296	2047	

LBDR11 - HPV type 11

Variable Name: LBDR11

SAS Label: HPV type 11

English Text: HPV type 11

Target: Females only 18 YEARS - 59 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Positive	3	3	
2	Negative	1725	1728	
3	Inadequate	23	1751	
.	Missing	296	2047	

LBDR16 - HPV type 16

Variable Name: LBDR16

SAS Label: HPV type 16

English Text: HPV type 16

Target: Females only 18 YEARS - 59 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Positive	99	99	
2	Negative	1629	1728	
3	Inadequate	23	1751	
.	Missing	296	2047	

LBDR18 - HPV type 18

Variable Name: LBDR18

SAS Label: HPV type 18

English Text: HPV type 18

Target: Females only 18 YEARS - 59 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Positive	36	36	
2	Negative	1692	1728	
3	Inadequate	23	1751	
.	Missing	296	2047	

LBDR26 - HPV type 26

Variable Name: LBDR26

SAS Label: HPV type 26

English Text: HPV type 26

Target: Females only 18 YEARS - 59 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Positive	3	3	
2	Negative	1725	1728	
3	Inadequate	23	1751	
.	Missing	296	2047	

LBDR31 - HPV type 31

Variable Name: LBDR31

SAS Label: HPV type 31

English Text: HPV type 31

Target: Females only 18 YEARS - 59 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Positive	70	70	
2	Negative	1658	1728	
3	Inadequate	23	1751	
.	Missing	296	2047	

LBDR33 - HPV type 33

Variable Name: LBDR33

SAS Label: HPV type 33

English Text: HPV type 33

Target: Females only 18 YEARS - 59 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Positive	21	21	
2	Negative	1707	1728	
3	Inadequate	23	1751	
.	Missing	296	2047	

LBDR35 - HPV type 35

Variable Name: LBDR35

SAS Label: HPV type 35

English Text: HPV type 35

Target: Females only 18 YEARS - 59 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Positive	31	31	
2	Negative	1697	1728	
3	Inadequate	23	1751	
.	Missing	296	2047	

LBDR39 - HPV type 39

Variable Name: LBDR39

SAS Label: HPV type 39

English Text: HPV type 39

Target: Females only 18 YEARS - 59 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Positive	57	57	
2	Negative	1671	1728	
3	Inadequate	23	1751	
.	Missing	296	2047	

LBDR40 - HPV type 40

Variable Name: LBDR40

SAS Label: HPV type 40

English Text: HPV type 40

Target: Females only 18 YEARS - 59 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Positive	14	14	
2	Negative	1714	1728	
3	Inadequate	23	1751	
.	Missing	296	2047	

LBDR42 - HPV type 42

Variable Name: LBDR42

SAS Label: HPV type 42

English Text: HPV type 42

Target: Females only 18 YEARS - 59 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Positive	53	53	
2	Negative	1675	1728	
3	Inadequate	23	1751	
.	Missing	296	2047	

LBDR45 - HPV type 45

Variable Name: LBDR45

SAS Label: HPV type 45

English Text: HPV type 45

Target: Females only 18 YEARS - 59 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Positive	46	46	
2	Negative	1682	1728	
3	Inadequate	23	1751	
.	Missing	296	2047	

LBDR51 - HPV type 51

Variable Name: LBDR51

SAS Label: HPV type 51

English Text: HPV type 51

Target: Females only 18 YEARS - 59 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Positive	65	65	
2	Negative	1663	1728	
3	Inadequate	23	1751	
.	Missing	296	2047	

LBDR52 - HPV type 52

Variable Name: LBDR52

SAS Label: HPV type 52

English Text: HPV type 51

Target: Females only 18 YEARS - 59 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Positive	85	85	
2	Negative	1643	1728	
3	Inadequate	23	1751	
.	Missing	296	2047	

LBDR53 - HPV type 53

Variable Name: LBDR53

SAS Label: HPV type 53

English Text: HPV type 53

Target: Females only 18 YEARS - 59 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Positive	102	102	
2	Negative	1626	1728	
3	Inadequate	23	1751	
.	Missing	296	2047	

LBDR54 - HPV type 54

Variable Name: LBDR54

SAS Label: HPV type 54

English Text: HPV type 54

Target: Females only 18 YEARS - 59 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Positive	75	75	
2	Negative	1653	1728	
3	Inadequate	23	1751	
.	Missing	296	2047	

LBDR55 - HPV type 55

Variable Name: LBDR55

SAS Label: HPV type 55

English Text: HPV type 55

Target: Females only 18 YEARS - 59 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Positive	46	46	
2	Negative	1682	1728	
3	Inadequate	23	1751	
.	Missing	296	2047	

LBDR56 - HPV type 56

Variable Name: LBDR56

SAS Label: HPV type 56

English Text: HPV type 56

Target: Females only 18 YEARS - 59 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Positive	50	50	
2	Negative	1678	1728	
3	Inadequate	23	1751	
.	Missing	296	2047	

LBDR58 - HPV type 58

Variable Name: LBDR58

SAS Label: HPV type 58

English Text: HPV type 58

Target: Females only 18 YEARS - 59 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Positive	35	35	
2	Negative	1693	1728	
3	Inadequate	23	1751	
.	Missing	296	2047	

LBDR59 - HPV type 59

Variable Name: LBDR59

SAS Label: HPV type 59

English Text: HPV type 59

Target: Females only 18 YEARS - 59 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Positive	62	62	
2	Negative	1666	1728	
3	Inadequate	23	1751	
.	Missing	296	2047	

LBDR61 - HPV type 61

Variable Name: LBDR61

SAS Label: HPV type 61

English Text: HPV type 61

Target: Females only 18 YEARS - 59 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Positive	69	69	
2	Negative	1659	1728	
3	Inadequate	23	1751	
.	Missing	296	2047	

LBDR62 - HPV type 62

Variable Name: LBDR62

SAS Label: HPV type 62

English Text: HPV type 62

Target: Females only 18 YEARS - 59 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Positive	111	111	
2	Negative	1617	1728	
3	Inadequate	23	1751	
.	Missing	296	2047	

LBDR64 - HPV type 64

Variable Name: LBDR64

SAS Label: HPV type 64

English Text: HPV type 64

Target: Females only 18 YEARS - 59 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Positive	4	4	
2	Negative	1724	1728	
3	Inadequate	23	1751	
.	Missing	296	2047	

LBDR66 - HPV type 66

Variable Name: LBDR66

SAS Label: HPV type 66

English Text: HPV type 66

Target: Females only 18 YEARS - 59 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Positive	81	81	
2	Negative	1647	1728	
3	Inadequate	23	1751	
.	Missing	296	2047	

LBDR67 - HPV type 67

Variable Name: LBDR67

SAS Label: HPV type 67

English Text: HPV type 67

Target: Females only 18 YEARS - 59 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Positive	31	31	
2	Negative	1697	1728	
3	Inadequate	23	1751	
.	Missing	296	2047	

LBDR68 - HPV type 68

Variable Name: LBDR68

SAS Label: HPV type 68

English Text: HPV type 68

Target: Females only 18 YEARS - 59 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Positive	43	43	
2	Negative	1685	1728	
3	Inadequate	23	1751	
.	Missing	296	2047	

LBDR69 - HPV type 69

Variable Name: LBDR69

SAS Label: HPV type 69

English Text: HPV type 69

Target: Females only 18 YEARS - 59 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Positive	8	8	
2	Negative	1720	1728	
3	Inadequate	23	1751	
.	Missing	296	2047	

LBDR70 - HPV type 70

Variable Name: LBDR70

SAS Label: HPV type 70

English Text: HPV type 70

Target: Females only 18 YEARS - 59 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Positive	39	39	
2	Negative	1689	1728	
3	Inadequate	23	1751	
.	Missing	296	2047	

LBDR71 - HPV type 71

Variable Name: LBDR71

SAS Label: HPV type 71

English Text: HPV type 71

Target: Females only 18 YEARS - 59 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Positive	13	13	
2	Negative	1715	1728	
3	Inadequate	23	1751	
.	Missing	296	2047	

LBDR72 - HPV type 72

Variable Name: LBDR72

SAS Label: HPV type 72

English Text: HPV type 72

Target: Females only 18 YEARS - 59 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Positive	18	18	
2	Negative	1710	1728	
3	Inadequate	23	1751	
.	Missing	296	2047	

LBDR73 - HPV type 73

Variable Name: LBDR73

SAS Label: HPV type 73

English Text: HPV type 73

Target: Females only 18 YEARS - 59 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Positive	32	32	
2	Negative	1696	1728	
3	Inadequate	23	1751	
.	Missing	296	2047	

LBDR81 - HPV type 81

Variable Name: LBDR81

SAS Label: HPV type 81

English Text: HPV type 81

Target: Females only 18 YEARS - 59 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Positive	50	50	
2	Negative	1678	1728	
3	Inadequate	23	1751	
.	Missing	296	2047	

LBDR82 - HPV type 82

Variable Name: LBDR82

SAS Label: HPV type 82

English Text: HPV type 82

Target: Females only 18 YEARS - 59 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Positive	12	12	
2	Negative	1716	1728	
3	Inadequate	23	1751	
.	Missing	296	2047	

LBDR83 - HPV type 83

Variable Name: LBDR83

SAS Label: HPV type 83

English Text: HPV type 83

Target: Females only 18 YEARS - 59 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Positive	59	59	
2	Negative	1669	1728	
3	Inadequate	23	1751	
.	Missing	296	2047	

LBDR84 - HPV type 84

Variable Name: LBDR84

SAS Label: HPV type 84

English Text: HPV type 84

Target: Females only 18 YEARS - 59 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Positive	89	89	
2	Negative	1639	1728	
3	Inadequate	23	1751	
.	Missing	296	2047	

LBDR89 - HPV type 89

Variable Name: LBDR89

SAS Label: HPV type 89

English Text: HPV type 89

Target: Females only 18 YEARS - 59 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Positive	87	87	
2	Negative	1641	1728	
3	Inadequate	23	1751	
.	Missing	296	2047	

LBDRPI - HPV type IS39

Variable Name: LBDRPI

SAS Label: HPV type IS39

English Text: HPV type IS39

Target: Females only 18 YEARS - 59 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Positive	3	3	
2	Negative	1725	1728	
3	Inadequate	23	1751	
.	Missing	296	2047	