

**NHANES 99+**  
**Codebook for Data Collection (1999-2000)**  
**June 2002**

**Lab 25- CDC - Complete Blood Count with 5-part differential**  
**Person level data -- use Examination Weights for analysis**

| SEQN                                      | Version Info               | Target               |
|---|----------------------------|----------------------|
|   | Version 1.0                | B(1 Yrs. - 150 Yrs.) |
| Hard Edits                                | SAS Label                  |                      |
|   | Respondent sequence number |                      |
| English Text: Respondent sequence number. |                            |                      |
| English Instructions: < blank >           |                            |                      |
| Codes:                                    |                            |                      |

| LBXWBCSI                                 | Version Info                | Target               |
|--|-----------------------------|----------------------|
|  | Version 1.0                 | B(1 Yrs. - 150 Yrs.) |
| Hard Edits                               | SAS Label                   |                      |
| 0.0000 - 99.9                            | White blood cell count (SI) |                      |
| English Text: White blood cell count: SI |                             |                      |
| English Instructions: < blank >          |                             |                      |
| Codes:                                   |                             |                      |

| LBXLYPCT                             | Version Info           | Target               |
|--------------------------------------|------------------------|----------------------|
|                                      | Version 1.0            | B(1 Yrs. - 150 Yrs.) |
| Hard Edits                           | SAS Label              |                      |
| 0.0000 - 99.90                       | Lymphocyte percent (%) |                      |
| English Text: Lymphocyte percent (%) |                        |                      |
| English Instructions: < blank >      |                        |                      |
| Codes:                               |                        |                      |

| LBXMOPCT | Version Info | Target               |
|----------|--------------|----------------------|
|          | Version 1.0  | B(1 Yrs. - 150 Yrs.) |

|                                    |                      |
|------------------------------------|----------------------|
| <b>Hard Edits</b>                  | <b>SAS Label</b>     |
| 0.0000 - 99.9                      | Monocyte percent (%) |
| English Text: Monocyte percent (%) |                      |
| English Instructions: < blank >    |                      |
| Codes:                             |                      |

|   |                                   |                      |
|---|-----------------------------------|----------------------|
| <b>LBXNEPCT</b>                                 | <b>Version Info</b>               | <b>Target</b>        |
|   | Version 1.0                       | B(1 Yrs. - 150 Yrs.) |
| <b>Hard Edits</b>                               | <b>SAS Label</b>                  |                      |
| 0.0000 - 99.9                                   | Segmented neutrophils percent (%) |                      |
| English Text: Segmented neutrophils percent (%) |                                   |                      |
| English Instructions: < blank >                 |                                   |                      |
| Codes:  |                                   |                      |

|                                       |                         |                      |
|---------------------------------------|-------------------------|----------------------|
| <b>LBXEOPCT</b>                       | <b>Version Info</b>     | <b>Target</b>        |
|                                       | Version 1.0             | B(1 Yrs. - 150 Yrs.) |
| <b>Hard Edits</b>                     | <b>SAS Label</b>        |                      |
| 0.0000 - 99.9                         | Eosinophils percent (%) |                      |
| English Text: Eosinophils percent (%) |                         |                      |
| English Instructions: < blank >       |                         |                      |
| Codes:                                |                         |                      |

|                                     |                       |                      |
|-------------------------------------|-----------------------|----------------------|
| <b>LBXBAPCT</b>                     | <b>Version Info</b>   | <b>Target</b>        |
|                                     | Version 1.0           | B(1 Yrs. - 150 Yrs.) |
| <b>Hard Edits</b>                   | <b>SAS Label</b>      |                      |
| 0.0000 - 99.9                       | Basophils percent (%) |                      |
| English Text: Basophils percent (%) |                       |                      |
| English Instructions: < blank >     |                       |                      |
| Codes:                              |                       |                      |

|                 |                     |                      |
|-----------------|---------------------|----------------------|
| <b>LBXLYMNO</b> | <b>Version Info</b> | <b>Target</b>        |
|                 | Version 1.0         | B(1 Yrs. - 150 Yrs.) |

| <b>Hard Edits</b>               | <b>SAS Label</b>  |
|---------------------------------|-------------------|
| 0.0000 - 99.9                   | Lymphocyte number |
| English Text: Lymphocyte number |                   |
| English Instructions: < blank > |                   |
| Codes:                          |                   |

| <b>LBXMONO</b>                  | <b>Version Info</b> | <b>Target</b>        |
|---------------------------------|---------------------|----------------------|
|                                 | Version 1.0         | B(1 Yrs. - 150 Yrs.) |
| <b>Hard Edits</b>               | <b>SAS Label</b>    |                      |
| 0.0000 - 99.9                   | Monocyte number     |                      |
| English Text: Monocyte number   |                     |                      |
| English Instructions: < blank > |                     |                      |
| Codes:                          |                     |                      |

| <b>LBXNENO</b>                             | <b>Version Info</b>          | <b>Target</b>        |
|--|------------------------------|----------------------|
|  | Version 1.0                  | B(1 Yrs. - 150 Yrs.) |
| <b>Hard Edits</b>                          | <b>SAS Label</b>             |                      |
| 0.0000 - 99.9                              | Segmented neutrophils number |                      |
| English Text: Segmented neutrophils number |                              |                      |
| English Instructions: < blank >            |                              |                      |
| Codes:                                     |                              |                      |

| <b>LBXEONO</b>                   | <b>Version Info</b> | <b>Target</b>        |
|----------------------------------|---------------------|----------------------|
|                                  | Version 1.0         | B(1 Yrs. - 150 Yrs.) |
| <b>Hard Edits</b>                | <b>SAS Label</b>    |                      |
| 0.0000 - 99.9                    | Eosinophils number  |                      |
| English Text: Eosinophils number |                     |                      |
| English Instructions: < blank >  |                     |                      |
| Codes:                           |                     |                      |

| <b>LBXBANO</b> | <b>Version Info</b> | <b>Target</b>        |
|----------------|---------------------|----------------------|
|                | Version 1.0         | B(1 Yrs. - 150 Yrs.) |

|                                 |                  |
|---------------------------------|------------------|
| <b>Hard Edits</b>               | <b>SAS Label</b> |
| 0.0000 - 9.9                    | Basophils number |
| English Text: Basophils number  |                  |
| English Instructions: < blank > |                  |
| Codes:                          |                  |

|                                       |                         |                      |
|---------------------------------------|-------------------------|----------------------|
| <b>LBXRBCSI</b>                       | <b>Version Info</b>     | <b>Target</b>        |
|                                       | Version 1.0             | B(1 Yrs. - 150 Yrs.) |
| <b>Hard Edits</b>                     | <b>SAS Label</b>        |                      |
| 0.0000 - 9.99                         | Red blood cell count SI |                      |
| English Text: Red blood cell count SI |                         |                      |
| English Instructions: < blank >       |                         |                      |
| Codes:                                |                         |                      |

|                                  |                     |                      |
|----------------------------------|---------------------|----------------------|
| <b>LBXHGB</b>                    | <b>Version Info</b> | <b>Target</b>        |
|                                  | Version 1.0         | B(1 Yrs. - 150 Yrs.) |
| <b>Hard Edits</b>                | <b>SAS Label</b>    |                      |
| 0.0000 - 99.9                    | Hemoglobin (mg/dL)  |                      |
| English Text: Hemoglobin (mg/dL) |                     |                      |
| English Instructions: < blank >  |                     |                      |
| Codes:                           |                     |                      |

|                                 |                     |                      |
|---------------------------------|---------------------|----------------------|
| <b>LBXHCT</b>                   | <b>Version Info</b> | <b>Target</b>        |
|                                 | Version 1.0         | B(1 Yrs. - 150 Yrs.) |
| <b>Hard Edits</b>               | <b>SAS Label</b>    |                      |
| 0.0000 - 99.9                   | Hematocrit (%)      |                      |
| English Text: Hematocrit (%)    |                     |                      |
| English Instructions: < blank > |                     |                      |
| Codes:                          |                     |                      |

|                 |                     |                      |
|-----------------|---------------------|----------------------|
| <b>LBXMCVSI</b> | <b>Version Info</b> | <b>Target</b>        |
|                 | Version 1.0         | B(1 Yrs. - 150 Yrs.) |

|                                 |                  |
|---------------------------------|------------------|
| <b>Hard Edits</b>               | <b>SAS Label</b> |
| 0.0000 - 999.9                  | Mean cell volume |
| English Text: Mean cell volume  |                  |
| English Instructions: < blank > |                  |
| Codes:                          |                  |

|                                    |                      |                      |
|------------------------------------|----------------------|----------------------|
| <b>LBXMCHSI</b>                    | <b>Version Info</b>  | <b>Target</b>        |
|                                    | Version 1.0          | B(1 Yrs. - 150 Yrs.) |
| <b>Hard Edits</b>                  | <b>SAS Label</b>     |                      |
| 0.0000 - 99.9                      | Mean cell hemoglobin |                      |
| English Text: Mean cell hemoglobin |                      |                      |
| English Instructions: < blank >    |                      |                      |
| Codes:                             |                      |                      |

|  |                                    |                      |
|--|------------------------------------|----------------------|
| <b>LBXMC</b>                                     | <b>Version Info</b>                | <b>Target</b>        |
|  | Version 1.0                        | B(1 Yrs. - 150 Yrs.) |
| <b>Hard Edits</b>                                | <b>SAS Label</b>                   |                      |
| 0.0000 - 99.9                                    | Mean cell hemoglobin concentration |                      |
| English Text: Mean cell hemoglobin concentration |                                    |                      |
| English Instructions: < blank >                  |                                    |                      |
| Codes:   |                                    |                      |

|   |                             |                      |
|---|-----------------------------|----------------------|
| <b>LBXRDW</b>                             | <b>Version Info</b>         | <b>Target</b>        |
|   | Version 1.0                 | B(1 Yrs. - 150 Yrs.) |
| <b>Hard Edits</b>                         | <b>SAS Label</b>            |                      |
| 0.0000 - 99.9                             | Red cell distribution width |                      |
| English Text: Red cell distribution width |                             |                      |
| English Instructions: < blank >           |                             |                      |
| Codes:                                    |                             |                      |

|                 |                     |                      |
|-----------------|---------------------|----------------------|
| <b>LBXPLTSI</b> | <b>Version Info</b> | <b>Target</b>        |
|                 | Version 1.0         | B(1 Yrs. - 150 Yrs.) |

| <b>Hard Edits</b>               | <b>SAS Label</b>  |
|---------------------------------|-------------------|
| 0.0000 - 999.9                  | Platelet count SI |
| English Text: Platelet count SI |                   |
| English Instructions: < blank > |                   |
| Codes:                          |                   |

| <b>LBXMPSI</b>                     | <b>Version Info</b>  | <b>Target</b>        |
|------------------------------------|----------------------|----------------------|
|                                    | Version 1.0          | B(1 Yrs. - 150 Yrs.) |
| <b>Hard Edits</b>                  | <b>SAS Label</b>     |                      |
| 0.0000 - 99.9                      | Mean platelet volume |                      |
| English Text: Mean platelet volume |                      |                      |
| English Instructions: < blank >    |                      |                      |
| Codes:                             |                      |                      |