NEWPAGE

```
                        ┌┌ EVEN [IF] TOP [OF] [PAGE]          ┐┐
                        │┤                                    ├│
NEWPAGE [(rep)]         ││┌ IF   ┐                            ││
                        ││┤      │ LESS [THAN] operand1 [LINES] [LEFT] │
                        ││└ WHEN ┘                            ││
                        └└                                    ┘┘

               [[WITH] TITLE title-definition]
```
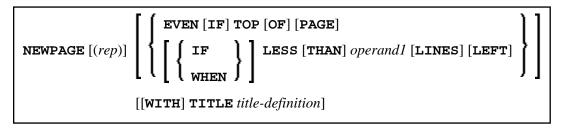
This chapter covers the following topics:

- Function

- Syntax Description

- Example

For an explanation of the symbols used in the syntax diagram, see *Syntax Symbols*.

Related Statements: AT END OF PAGE | AT TOP OF PAGE | CLOSE PRINTER | DEFINE
PRINTER | DISPLAY | EJECT | FORMAT | PRINT | SKIP | SUSPEND IDENTICAL SUPPRESS |
WRITE | WRITE TITLE | WRITE TRAILER

Belongs to Function Group: *Creation of Output Reports*

Function

The NEWPAGE statement is used to cause an advance to a new page. NEWPAGE also causes any AT END
OF PAGE and WRITE TRAILER statements to be executed. A default title containing the date, time of
day, and page number will appear on each new page unless a WRITE TITLE, WRITE NOTITLE, or
DISPLAY NOTITLE statement is specified to define specific title processing.

Notes:

1. The advance to a new page is not performed at the time when the NEWPAGE statement is executed. It
   is performed only when a subsequent statement which produces output is executed.
2. If the NEWPAGE statement is not used, page advance is controlled automatically based on the Natural
   profile/session parameter PS (Page Size for Natural Reports).

Syntax Description

Operand Definition Table:

Operand	Possible Structure				Possible Formats									Referencing Permitted	Dynamic Definition
operand1	C	S				N	P	I							yes	no

Syntax Element Description:

Syntax Element	Description
(*rep*)	**Report Specification:** The notation (*rep*) may be used to specify the identification of the report for which the NEWPAGE statement is applicable. A value in the range 0 - 31 or a logical name which has been assigned using the DEFINE PRINTER statement may be specified. If (*rep*) is not specified, the NEWPAGE statement will be applicable to the first report (Report 0). For information on how to control the format of an output report created with Natural, see *Controlling Data Output* (in the *Programming Guide*).
EVEN IF TOP OF PAGE	**EVEN IF TOP OF PAGE Option:** This option is used to cause a new page (with corresponding AT TOP OF PAGE and page title processing) to be generated, even if a new page was initiated immediately before the NEWPAGE statement was encountered.
WHEN LESS THAN *operand1* LINES LEFT	**WHEN LESS THAN ... LINES LEFT Option:** This option is used to cause a new page to be generated when there are less than *operand1* lines left on the current page (current line count compared with value for the Natural profile/session parameter PS).
WITH TITLE *title-definition*	**WITH TITLE Option:** This option can be used to specify a title which is to be written to the new page generated. The *title-definition* is specified using the same syntax as described for the WRITE TITLE statement, except that the SKIP clause is not allowed in a NEWPAGE WITH TITLE *title-definition* statement.

Example

```
** Example 'NWPEX1': NEWPAGE
************************************************************************
DEFINE DATA LOCAL
1 EMPLOY-VIEW VIEW OF EMPLOYEES
  2 CITY
  2 NAME
  2 SALARY    (1)
  2 CURR-CODE (1)
END-DEFINE
*
LIMIT 15
```

```
READ EMPLOY-VIEW BY CITY FROM 'DENVER'
  DISPLAY CITY (IS=ON) NAME SALARY (1) CURR-CODE (1)
  AT BREAK OF CITY
    SKIP 1
    /*
    NEWPAGE WHEN LESS THAN 10 LINES LEFT
    WRITE '**************************************'
      /    'SUMMARY FOR ' OLD(CITY)
      /    '**************************************'
      /    '**************************************'
      /    'SUM OF SALARIES:' SUM(SALARY(1))
      /    'AVG OF SALARIES:' AVER(SALARY(1))
      /    '**************************************'
    NEWPAGE
    /*
  END-BREAK
END-READ
END
```

Output of Program NWPEX1 - Page 1:

```
Page      1                                                    05-01-18  10:01:45

        CITY                  NAME              ANNUAL   CURRENCY
                                                SALARY   CODE
-------------------- -------------------- ---------- --------

DENVER               TANIMOTO                 33000 USD
                     MEYER                    50000 USD

**************************************
SUMMARY FOR  DENVER
**************************************
**************************************
SUM OF SALARIES:     83000
AVG OF SALARIES:     41500
**************************************
```

Output of Program NWPEX1 - Page 2:

```
Page      2                                                    05-01-18  10:01:45

        CITY                  NAME              ANNUAL   CURRENCY
                                                SALARY   CODE
-------------------- -------------------- ---------- --------

DERBY                DEAKIN                    8750 UKL
                     GARFIELD                  6750 UKL
                     MUNN                      8800 UKL
                     MUNN                      5650 UKL
                     GREBBY                    9550 UKL
                     WHITT                     8650 UKL
                     PONSONBY                  5500 UKL
                     MAGUIRE                   4150 UKL
                     HEYWOOD                   3900 UKL
                     BRYDEN                    6750 UKL
                     SMITH                    39000 UKL
                     CONQUEST                 45000 UKL
                     ACHIESON                 11300 UKL
```

```
*************************************
SUMMARY FOR  DERBY
*************************************
```

Output of Program NWPEX1 - Page 3:

```
-------------------- -------------------- ---------- --------

DERBY                DEAKIN                   8750 UKL
                     GARFIELD                 6750 UKL
                     MUNN                     8800 UKL
                     MUNN                     5650 UKL
                     GREBBY                   9550 UKL
                     WHITT                    8650 UKL
                     PONSONBY                 5500 UKL
                     MAGUIRE                  4150 UKL
                     HEYWOOD                  3900 UKL
                     BRYDEN                   6750 UKL
                     SMITH                   39000 UKL
                     CONQUEST                45000 UKL
                     ACHIESON                11300 UKL


*************************************
SUMMARY FOR  DERBY
*************************************
*************************************
SUM OF SALARIES:     163750
AVG OF SALARIES:      12596
*************************************
```