Statistics information stored in dbc.Indexes.IndexStatistics and dbc.tvfields.FieldStatistics: Global data

24 bytes: 32-bit pre-TD12

```
     8 byte      4 byte      8 byte      4 byte
D7070A09022E3417020000000000000000000000002000100
```

32 bytes: 64-bit pre-TD12

```
     8 byte      4 byte ?4 byte?     8 byte      4 byte ?4 byte?
D7070A09022E341702000000000000000000000000000000200001000000000
```

58 bytes: 32-bit TD12

```
     8 byte      4 byte      8 byte      4 byte      8 byte      8 byte      8 byte      8 byte    2
D7070A09042C3B1203000000000000000000F03F02000100000000000000F03F666666666666E63F00000000000508F4000000000000F03F0200
```

72 bytes: 64-bit TD12

```
     8 byte      4 byte ?4 byte?     8 byte      4 byte ?4 byte?     8 byte      8 byte      8 byte      8 byte    2 ??...
D8070604082307470300000000000000000000000000000000C8000000000000000000000000000000000FBE849871704F03F00000000000508F4000000000000F03F070000...
```

```
D7070A09022E3417
D707                year
    0A              month
      09            day
        02          hour
          2E        minute
            34      second
              17    centisecond

02000000
0200                "Version": '0100'xb (pre-V2R5), '0200'xb (V2R5), '0300'xb (TD12), '0400'xb (TD12.0.3.1/TD13.0.0.21)
    00              "Sampled": '00'xb (no sample), '01'xb (sample V2R5+)
      00            "Sampled Percent" (byteint)

0000000000000000    "Number of NULLs" (float)

C8000100
C800                "Number of Intervals"
    01              "Numeric": '00'xb (data size 16 bytes), '01'xb (data size 8 bytes)
      00            unknown, probably unused, pad byte?

000000000000F03F    "Number of All NULLs" (float)

666666666666E63F    "Average AMP RPV" (float)

00000000000508F4    "OneAMPSampleEst" (float) added in TD12.0.3.1/TD13.0.0.21

000000000000F03F    "AllAMPSampleEst" (float) added in TD12.0.3.1/TD13.0.0.21

0200                "Number of AMPs"
```

Statistics information stored in dbc.Indexes.IndexStatistics and dbc.tvfields.FieldStatistics: Interval[0]

40 bytes for numeric data

8 byte	8 byte	8 byte	8 byte	8 byte
000000009C9D174100000000	F8821B41000000000000008	400000000000000	E88E40000000000000	508F4

56 bytes for nonnumeric data

16 byte	16 byte	8 byte	8 byte	8 byte
4430303030303031363131312020202044303030303030393131313020202020000000000000	0F03F0000000000000	508F4	400000000000000	508F4

- Minimum value within column
- Modal (most common) value within column
- Frequency for modal value (float)
- Number of distinct values within column (float)
- Number of rows within table (float)

Followed by up to 100 (TD12: 200 [240]) “High-Biased” or “Equal-Height” intervals

40 bytes for numeric data

8 byte	8 byte	8 byte	8 byte	8 byte
000000009C9D174100000000	F8821B41000000000000008	400000000000000	E88E40000000000000	508F4

56 bytes for nonnumeric data

16 byte	16 byte	8 byte	8 byte	8 byte
4430303030303031363131312020202044303030303030393131313020202020000000000000	0F03F0000000000000	508F4	400000000000000	508F4

- Maximum value within the interval
- Modal value within the interval
- Frequency for modal value within the interval (float)
- Number of distinct nonmodal values within the interval (float)
- Number of rows for nonmodal values within the interval (float)

More details about stats in "SQL Reference: Statement and Transaction Processing", Chapter 2: Query Rewrite and Optimization, Interval Histograms