

If the value has too many digits in the fractional part, rounding occurs and a note is generated. Rounding is done as described in [Section 12.25.4, “Rounding Behavior”](#). Truncation due to rounding of the fractional part is not an error, even in strict mode.

- If strict mode is not enabled, the value is truncated to the nearest legal value and a warning is generated.
- If strict mode is enabled, an overflow error occurs.

[illegible]

For inserts of strings into numeric columns, conversion from string to number is handled as follows if the string has nonnumeric contents:

- By default, division by zero produces a result of `NULL` and no warning. By setting the SQL mode appropriately, division by zero can be restricted.

- If strict mode is not enabled, a warning occurs.
- If strict mode is enabled, inserts and updates involving division by zero are prohibited, and an error occurs.