

Variable classes

EC 103–02

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Dealing with variable classes

Dealing with variable classes

Every column in our data sets pertains to a certain **class**.

Dealing with variable classes

```
1 library(tidyverse)
2 unemployment_rate <- read_csv("unrate.csv")
3
4 unemployment_rate
```

```
# A tibble: 897 × 2
```

	DATE	UNRATE
	<date>	<dbl>
1	1948-01-01	3.4
2	1948-02-01	3.8
3	1948-03-01	4
4	1948-04-01	3.9
5	1948-05-01	3.5
6	1948-06-01	3.6
7	1948-07-01	3.6
8	1948-08-01	3.9
9	1948-09-01	3.8
10	1948-10-01	3.7

```
# ... with 887 more rows
```

Dealing with variable classes

But sometimes our variables are imported with a **different class** than the one we desire.

Dealing with variable classes

```
1 net_exports <- read_csv("netexp.csv")
2
3 net_exports
```

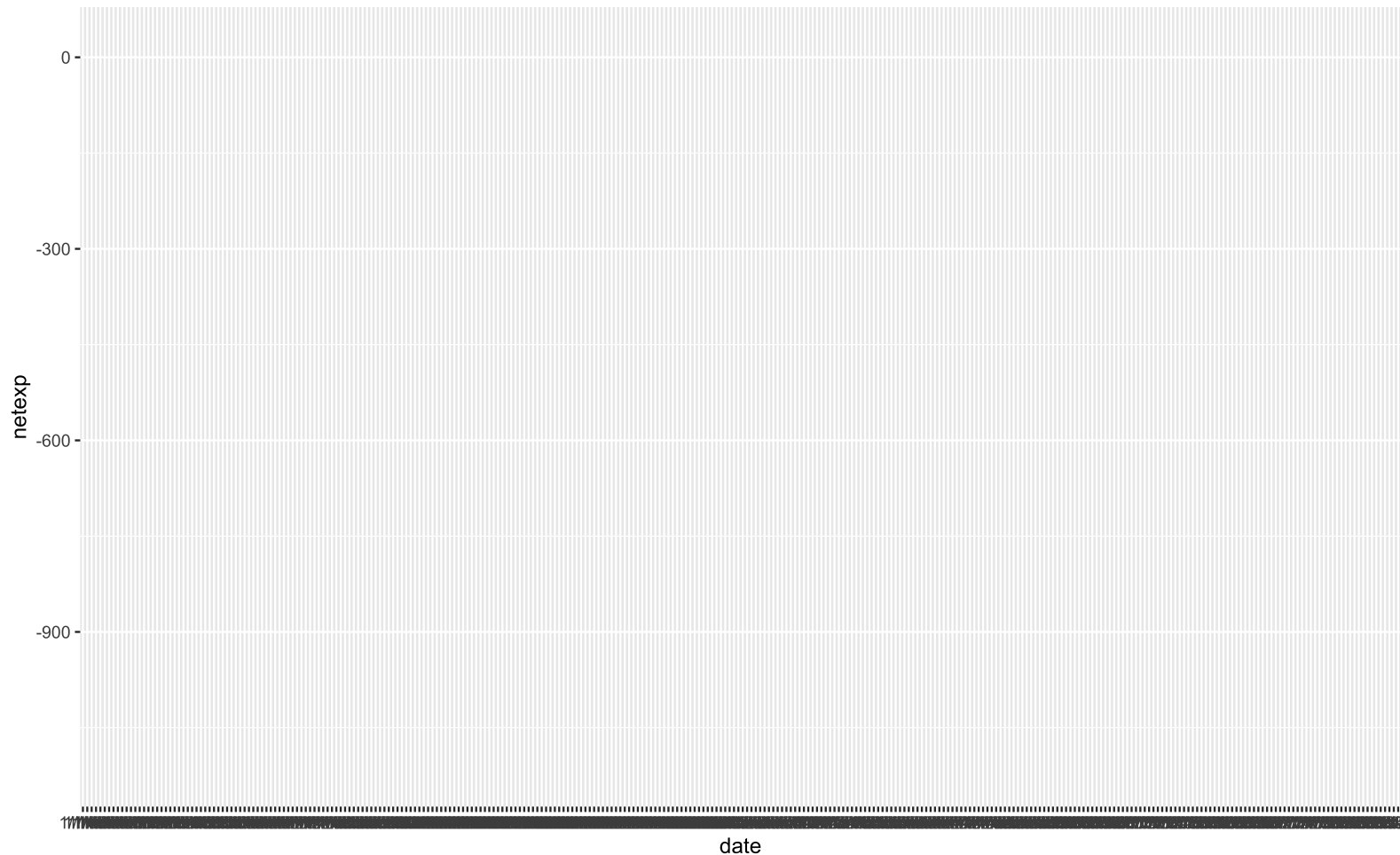
```
# A tibble: 302 × 2
```

```
  date      netexp
  <chr>    <dbl>
1 1/1/47    10.9
2 4/1/47    11.3
3 7/1/47    11.8
4 10/1/47   9.29
5 1/1/48    7.29
6 4/1/48    5.20
7 7/1/48    4.95
8 10/1/48   4.50
9 1/1/49    6.48
10 4/1/49    6.28
```

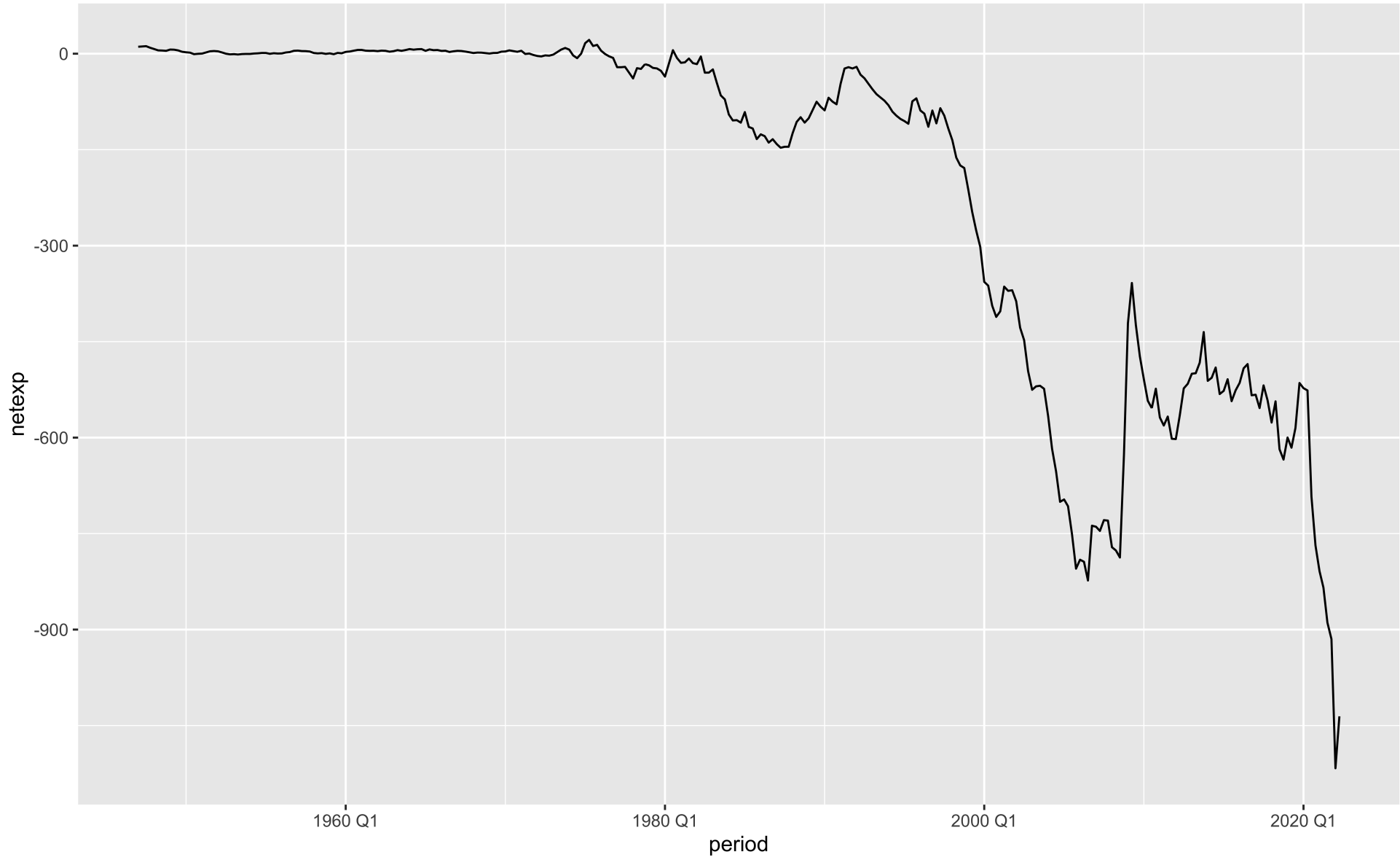
```
# ... with 292 more rows
```

Dealing with variable classes

```
1 net_exports %>%  
2   ggplot(aes(x = date, y = netexp)) +  
3   geom_line()
```



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Let us learn how to deal with variable classes in practice.