Extract New Confirmed Case Data from China

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sheets\_deauth()  
url <- "https://docs.google.com/spreadsheets/d/1nQPYCdJjPy8foKrbWOZVkZ-DacE-5ESGYe0xo-c7Hyk/edit#gid=0"  
  
sheets <- sheets\_sheets(url)  
  
out1 <- sheets\_read(url, sheet = 1)

## Reading from 'Newly confirmed in China by province'

## Range "'Total'"

out1 <- clean\_names(out1)  
  
out2 <- sheets\_read(url, sheet = 2)

## Reading from 'Newly confirmed in China by province'

## Range "'Imported'"

out2 <- clean\_names(out2)

# subset for top 5 and beijing  
case\_dat1 <- out1 %>%   
 #select(date\_confirm, hubei, guangdong, henan, zhejiang, hunan, beijing) %>%  
 gather(province, new\_cases, hubei:macau\_sar)  
case\_dat2 <- out2 %>%   
 #select(date\_confirm, hubei, guangdong, henan, zhejiang, hunan, beijing) %>%  
 gather(province, imported\_cases, hubei:macau\_sar)   
case\_dat <- left\_join(case\_dat1, case\_dat2, by = c("date\_confirm", "province")) %>%  
 mutate(imported\_cases = ifelse(is.na(imported\_cases), 0, imported\_cases),  
 new\_cases\_wo\_imported = new\_cases - imported\_cases)

# Output file  
write\_csv(out1, "china\_new\_case\_data.csv")  
write\_csv(case\_dat, "china\_new\_case\_data\_imported.csv")