

People in Ag

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```
library(agData) # devtools::install_github("derekmichaelwright/agData")
```

```
# Prep data
```

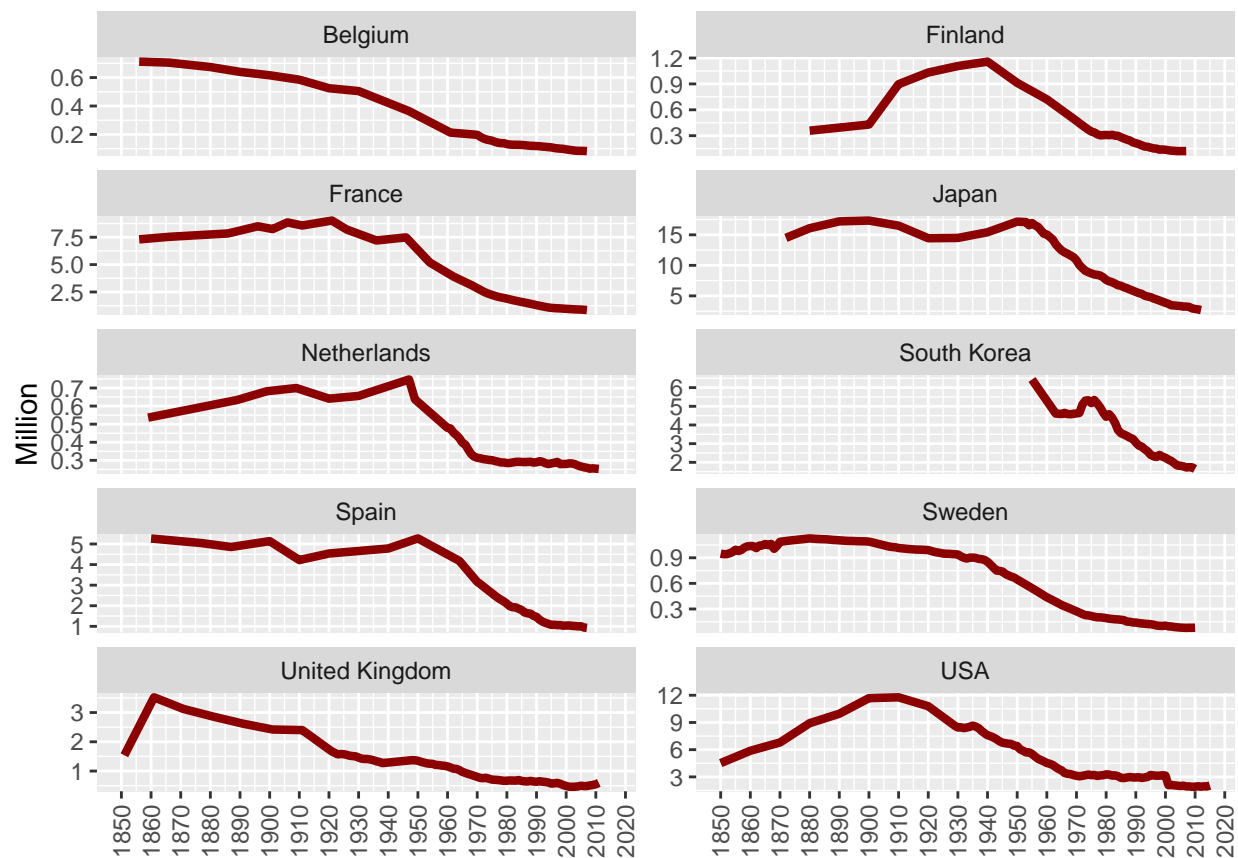
```
xx <- agData_People %>%
```

```
  filter(Measurement == "Total")
```

```
# Plot
```

```
ggplot(xx, aes(x = Year, y = Value/1000000)) +  
  geom_line(color = "darkred", size = 1.5) +  
  facet_wrap(Area~., scales = "free_y", ncol = 2) +  
  scale_x_continuous(breaks = seq(1850, 2020, by = 10),  
                    minor_breaks = seq(1850, 2020, by = 5)) +  
  theme(axis.text.x = element_text(angle = 90, hjust = 1, vjust = 0.5)) +  
  labs(title = "Total Number of People in Agriculture",  
       caption = "\xa9 www.dblogr.com/ | Data: ?",  
       y = "Million", x = NULL)
```

Total Number of People in Agriculture



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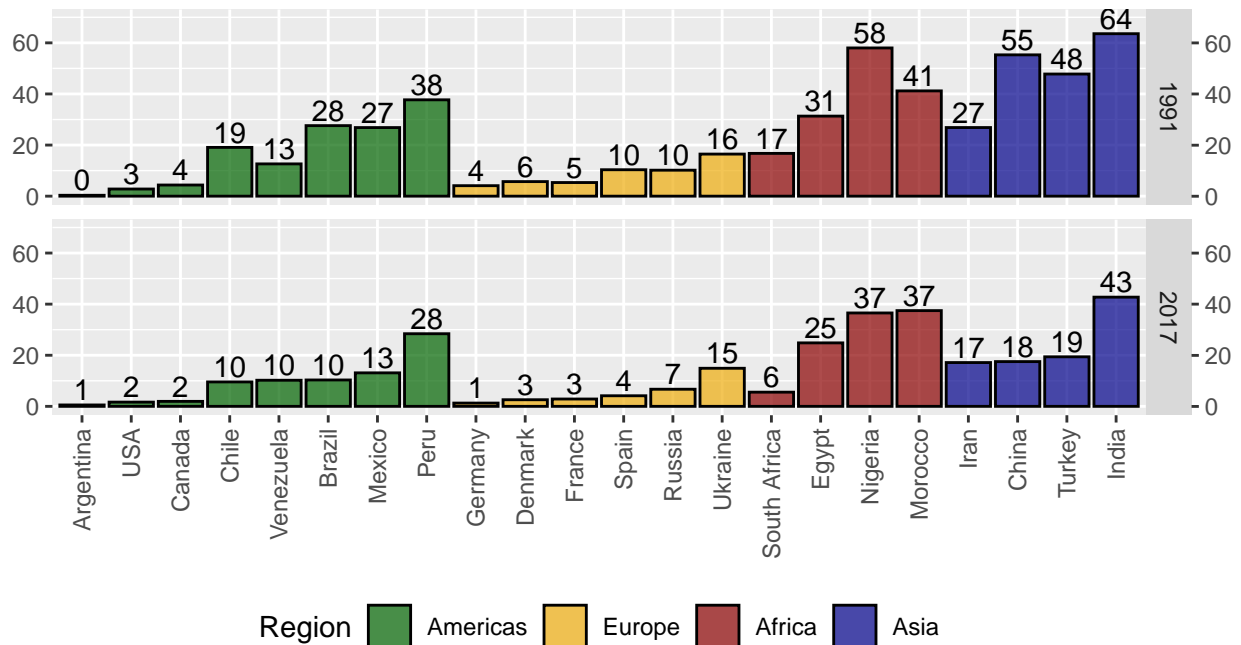
Figure 1: People in Ag

```
# Prep data
areas <- c("Canada", "USA", "Mexico",
          "Venezuela", "Brazil", "Chile", "Argentina", "Peru",
          "Spain", "France", "Germany", "Denmark", "Ukraine", "Russia",
          "China", "India", "Turkey", "Syria", "Iran",
          "Ethiopia", "South Africa", "Nigeria", "Morocco", "Egypt")

xx <- agData_People %>%
  filter(Measurement == "Percent", Year %in% c(1991, 2017), Area %in% areas) %>%
  addRegionInfo() %>%
  arrange(Region, Value) %>%
  mutate(Area = factor(Area, levels = unique(.$Area)))

# Plot
ggplot(xx, aes(x = Area, y = Value, fill = Region, label = round(Value))) +
  geom_bar(stat = "identity", alpha = 0.7, color = "black") +
  geom_text(nudge_y = 6) +
  facet_grid(Year ~ .) +
  scale_y_continuous(sec.axis = dup_axis(name = NULL)) +
  scale_fill_manual(values = agData_Colors) +
  theme(axis.text.x = element_text(angle = 90, hjust = 1, vjust = 0.5),
        legend.position = "bottom") +
  labs(y = NULL, x = NULL,
       title = "Percent of Population in Agriculture",
       caption = "\xa9 www.dblogr.com/ | Data: ?")
```

Percent of Population in Agriculture



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