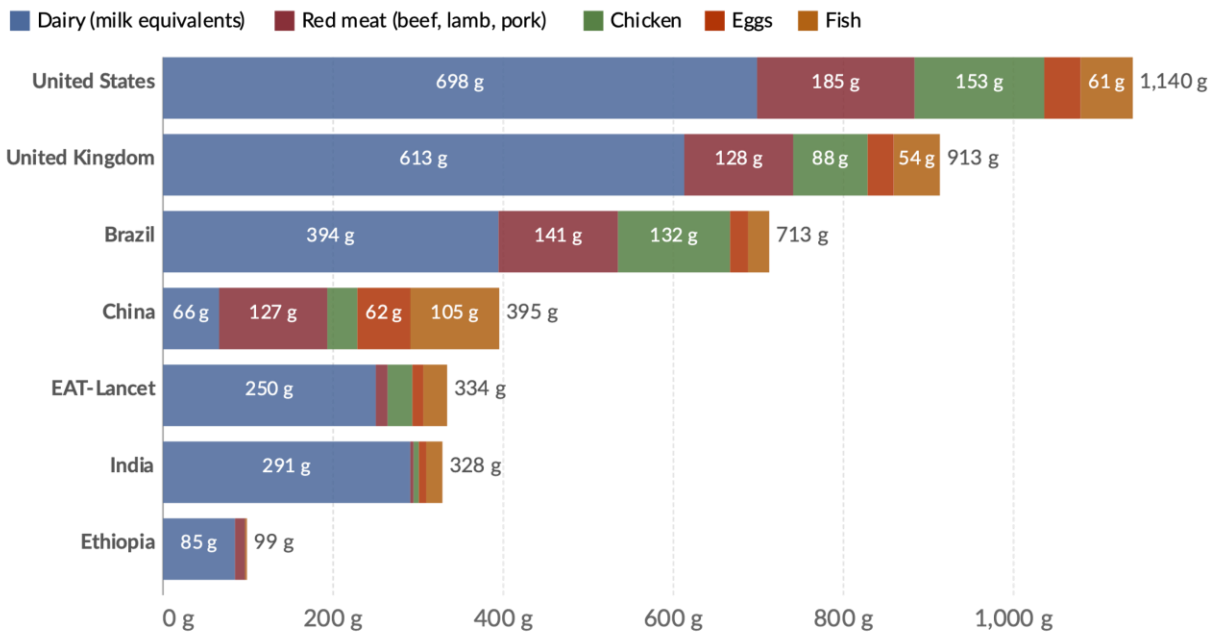# Assignment – 1

The bar graph depicts that there has been increase in sales with respect to target but does not clearly mention by what amount the sales have been increasing which could be misleading. Adding x and y labels and mentioning name for the bars and the value of each bar would be much easier to understand. The values of each bar should also be mentioned on the bars to compare the bars easily.

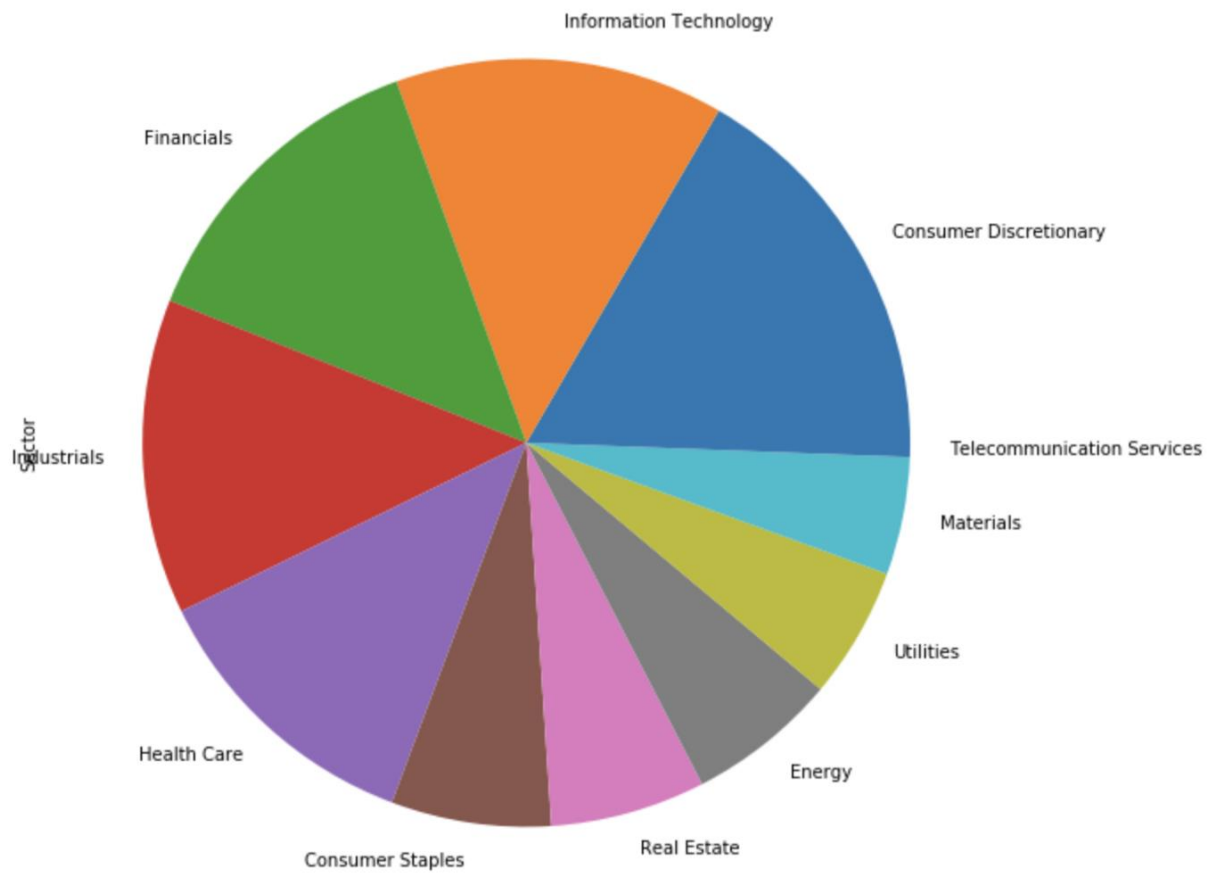# Consumption of animal products in the EAT–Lancet diet

Recommended intakes of animal products in the EAT-Lancet diet are shown relative to average daily per capita supply by country. The EAT-Lancet diet is a diet recommended to balance the goals of healthy nutrition and environmental sustainability for a global population.
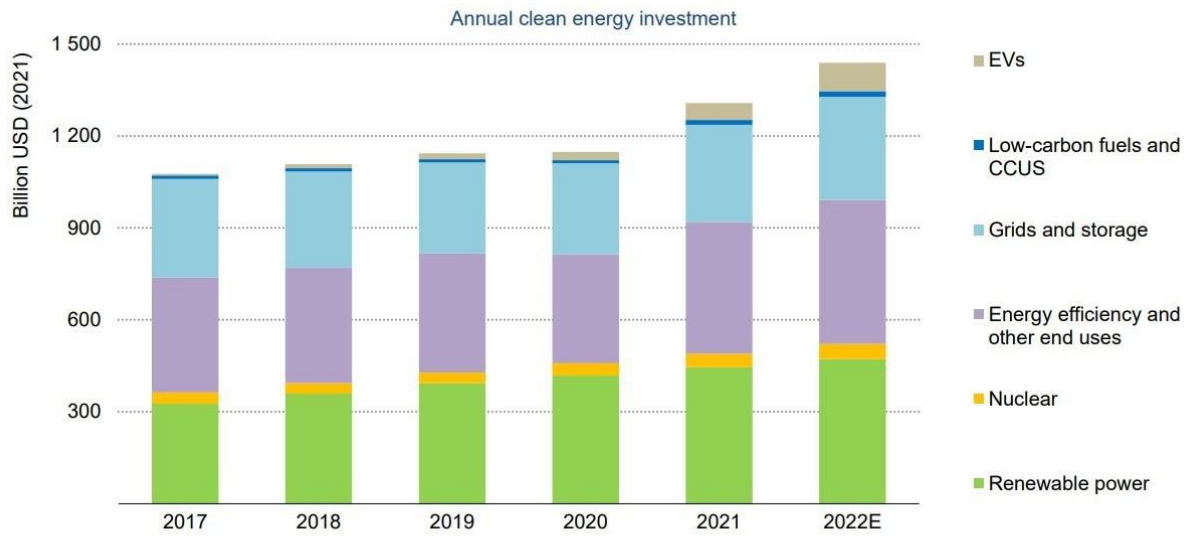
■ Dairy (milk equivalents) ■ Red meat (beef, lamb, pork) ■ Chicken ■ Eggs ■ Fish

United States — Dairy 698 g | Red meat 185 g | Chicken 153 g | Eggs 61 g | **1,140 g**

United Kingdom — Dairy 613 g | Red meat 128 g | Chicken 88 g | Fish 54 g | **913 g**

Brazil — Dairy 394 g | Red meat 141 g | Chicken 132 g | **713 g**

China — Dairy 66 g | Red meat 127 g | Eggs 62 g | Fish 105 g | **395 g**

EAT-Lancet — Dairy 250 g | **334 g**

India — Dairy 291 g | **328 g**

Ethiopia — Dairy 85 g | **99 g**

0 g   200 g   400 g   600 g   800 g   1,000 g

In the above stacked graph values have not been mentioned for few categories.
As there are too many categories a side by side bar graph could depict value much more clearly rather than a stacked bar even when looked at individually along with values on each bar.
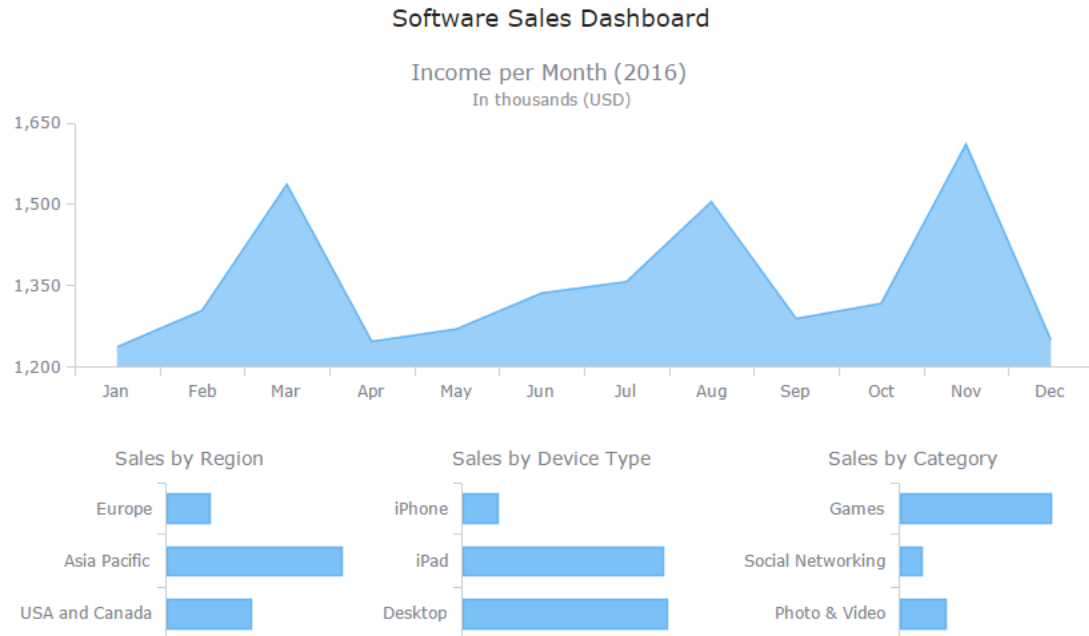
In the graph color is the only criteria to distinguish between different sectors and also the shades of color used for real estate and materials is almost similar.
Stating the percentage for each sector should also be used apart from colors which would help users to know about what percent did each sector contribute on a whole.

Annual clean energy investment

Billion USD (2021)

- EVs
- Low-carbon fuels and CCUS
- Grids and storage
- Energy efficiency and other end uses
- Nuclear
- Renewable power

In the stacked graph amount of USD invested in each energy has not been mentioned. As a whole the graph shows that there has been an increase for each year but it's difficult to say the same thing when looked at individually.

It would have been better if a side by side bar graph was used and values were mentioned on top of bars to ensure that data is easily understood even when sectors are looked at individually.

Software Sales Dashboard

Income per Month (2016)
In thousands (USD)

Sales by Region

- Europe
- Asia Pacific
- USA and Canada

Sales by Device Type

- iPhone
- iPad
- Desktop

Sales by Category

- Games
- Social Networking
- Photo & Video

The y axis for the area graph starts from 1200 rather than 0 thus the information could be misleading as the sales started around at 1200 and could have reached at maximum of 1600 indicating the overall increase is about only 450.

The scaling for y axis in the above graph should have started from 0 and also stating the amount for each month would be better understandable for the viewers.