

Different types of charts, graphs and diagrams

Single line graph

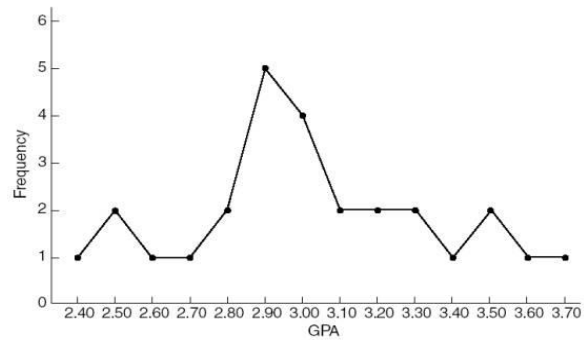
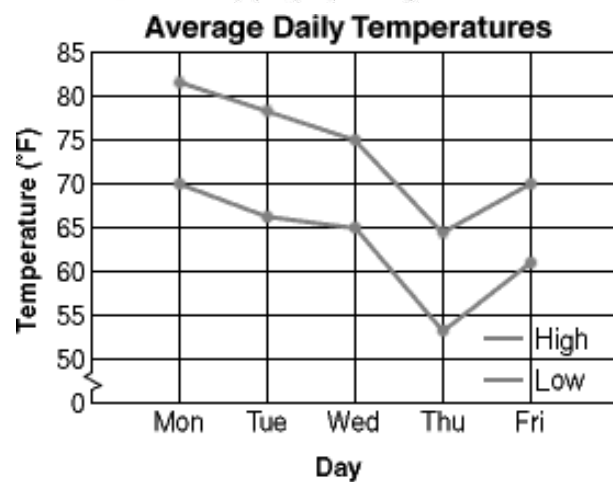
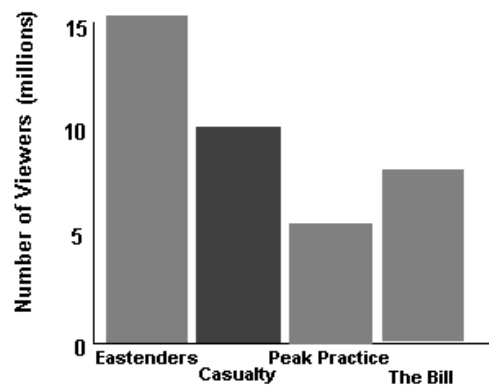


FIGURE 15.4 A line graph of grade point average

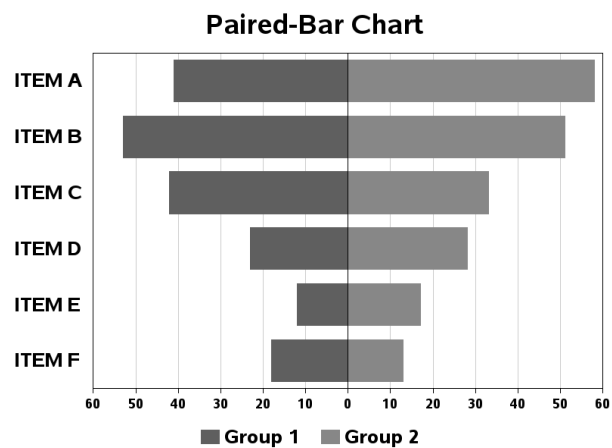
Multiple line graphs



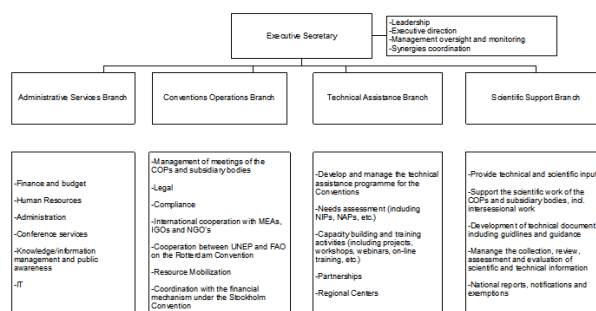
Bar chart



Paired bar chart



Organigram



Table

TABLE I. Comparison of some sources of biodiesel

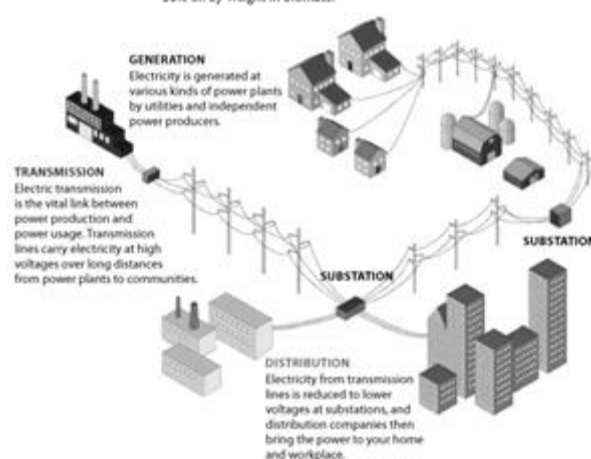
Crop	Oil yield (L/ha)	Land area needed (M ha) ^a	% of existing US crop area ^a
Corn	172	1,540	846
Soybean	446	594	326
Canola	1,190	223	122
Jatropha	1,892	140	77
Coconut	2,689	99	54
Oil palm	5,950	45	24
Microalgae ^b	136,900	2	1.1
Microalgae ^c	58,700	4.5	2.5

^aFor meeting of all transport fuel needs of the United States. M ha, million hectares.

^b70% oil by weight in biomass.

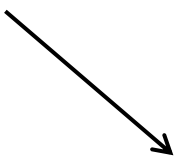
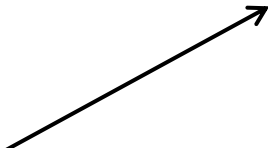

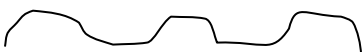

^c30% oil by weight in biomass.

Diagram

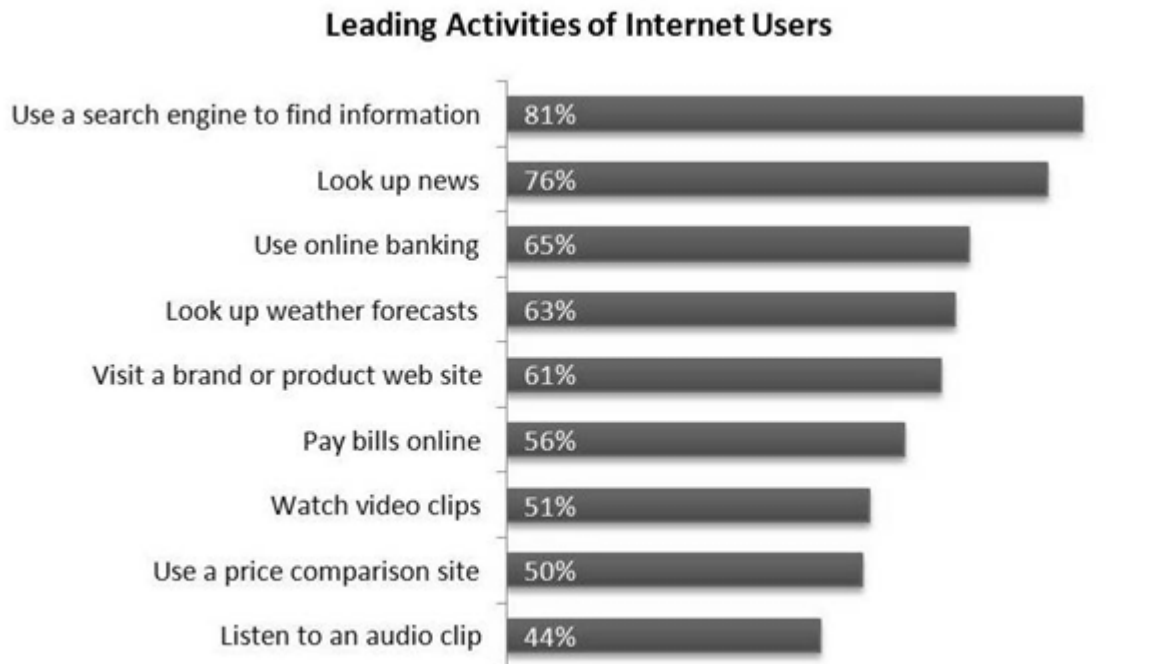
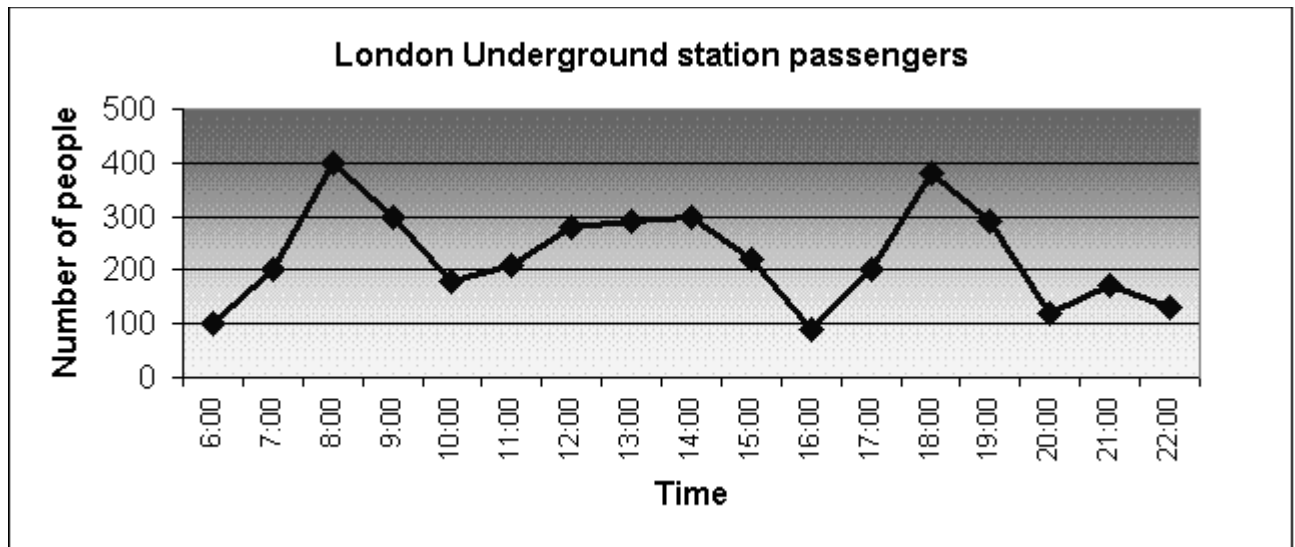


Introduction	Topic	Circumstances
This graph shows ...	the results of our products ...	over 10 years.
The diagram outlines ...	rates of economic growth ...	between 1990 and 1996.
This table lists ...	the top ten companies ...	in the industrial world.
This pie chart represents	the company's turnover ...	for this year in our sector.
This line chart depicts ...	the changes in sales ...	over the past year.
This chart breaks down ...	the sales of each salesman ...	during the past ten weeks.

Useful expressions for describing trends and movements:

Meaning	Verb	Noun
 <p>Go down</p>	decrease fall drop decline plunge (big change) plummet (big change)	The same -----
<p>Go up</p> 	increase rise grow double treble rocket (big change)	The same Growth Doubling in + noun Trebling in + noun -----
<p>No change</p> 	level off remain the same remain stable stabilize	A levelling off at ----- ----- -----
<p>Constant change</p> 	fluctuate	Fluctuation in + noun
<p>Position</p> 	reach a high/ peak of reach a low of stood at	A high of A low of -----
	Adjective/adverb	
<p>Small change</p>	steady(ly) slight(ly) gradual(ly)	
<p>Large change</p>	considerable(ly) sharp(ly) dramatic(ally) significant(ly) substantial(ly)	
examples	Time phrases	
<p>There was a substantial increase in students in 2006.</p> <p>The number of students increased substantially throughout the period from 2002 to 2006.</p>	<p>From 2000 to 2005</p> <p>From 150 to 200 units</p> <p>In 2006</p> <p>For 5 years</p> <p>Between 2000 and 2005</p> <p>During/throughout the period from 2000 to 2005</p>	

Describe the following statistics:



TNS study (via <http://hbswk.hbs.edu/item/6268.html>)