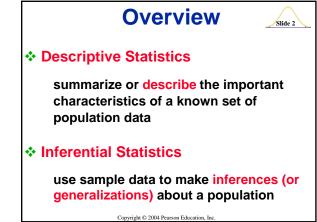


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Important Characteristics of Data Slide 3 1. Center: A representative or average value that indicates where the middle of the data set is located 2. Variation: A measure of the amount that the values vary among themselves 3. Distribution: The nature or shape of the distribution of data (such as bell-shaped, uniform, or skewed) 4. Outliers: Sample values that lie very far away from the vast majority of other sample values 5. Time: Changing characteristics of the data over time

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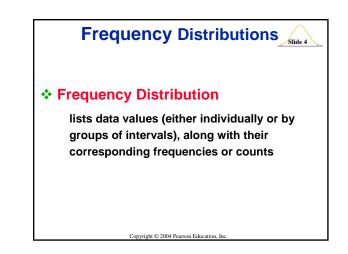
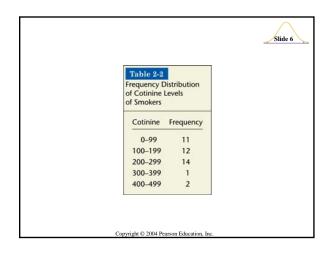
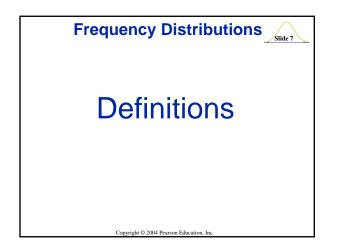
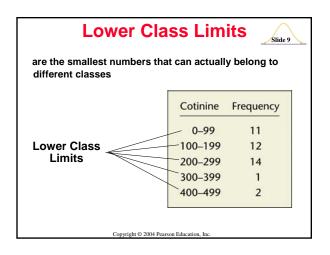


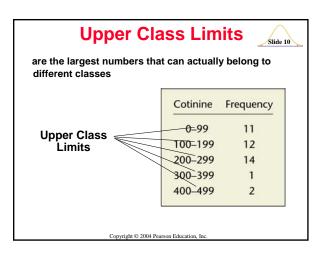
Table 2-1	Measure	d Cotinin	e Levels in	n Three G	roups	_				
Smoker: Th	e subjects	report toba	cco use.							
ETS: (Enviro ("secondhan				cts are non	smokers w	ho are exp	osed to en	vironmenta	al tobacco :	smoke
NOETS: (No tobacco smo										
Smoker:	1	0	131	173	265	210	44	277	32	1
	35	112	477	289	227	103	222	149	313	49
	130 123	234	164	198	17	253	87 284	121	266	29
ETS:	123	167	250	245 19	48	86 0	284	1	208	17
ETS:	4	0	543	17	1	0	51	ő	197	
	õ	3	1	45	13	3	1	1	1 1	
	õ	551	2	1	1	1	ò	74	1	24
NOETS:	ő	0	õ	ò	ò	ò	õ	0	ò	
	0	9	õ	õ	0	0	0	0	244	
	1	0	0	0	90	1	0	309	0	
	0	0	0	0	0	0	0	0	0	

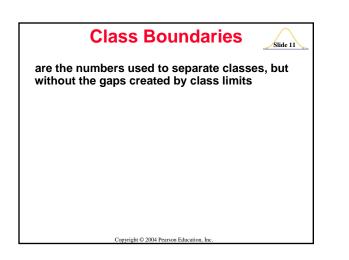


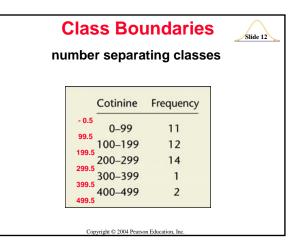


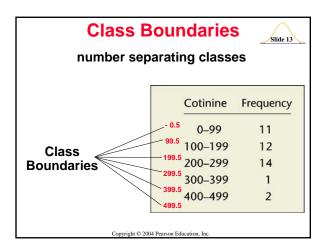
Low	er Cla	ass Lir	nits Slide 8
are the smallest nu different classes	mbers tha	at can actua	lly belong to
	Cotinine	Frequency	
	0–99	11	
	100-199	12	
	200–299	14	
	300-399	1	
	400-499	2	
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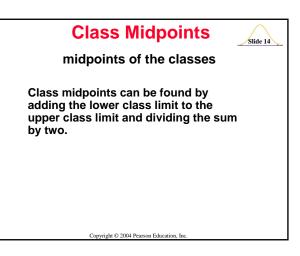


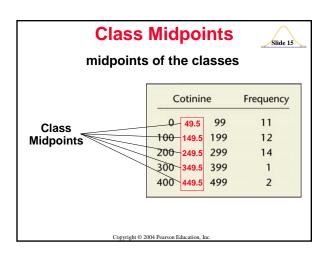


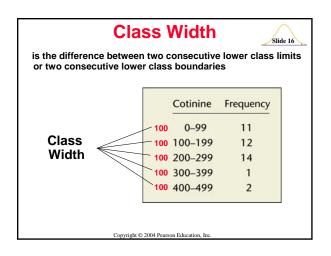


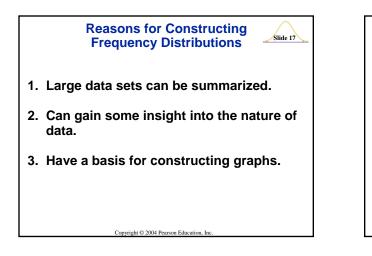


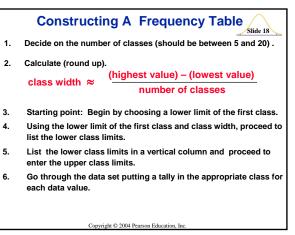


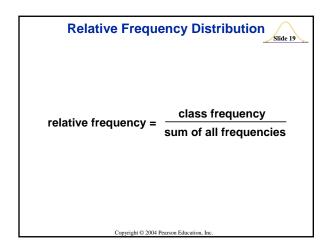


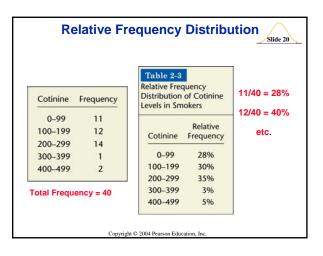












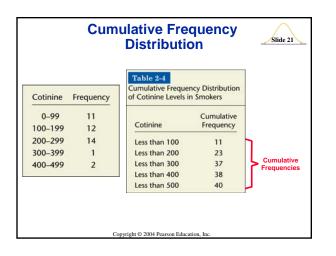
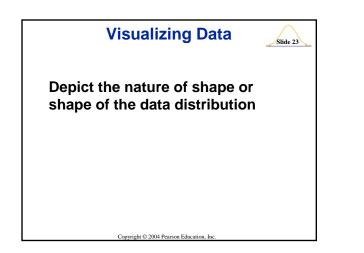
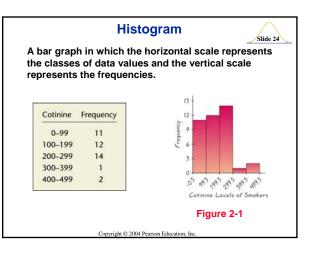
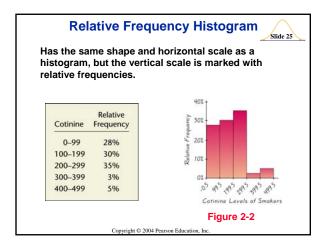
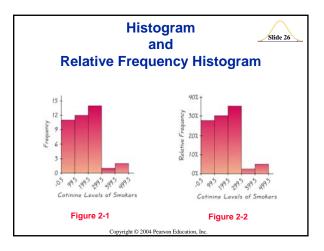


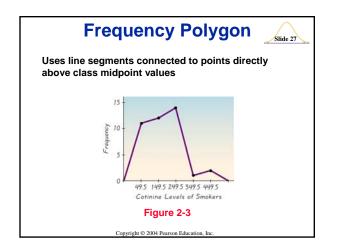
Table 2-2 Frequency I of Cotinine of Smokers	Distribution	Table 2-3 Relative Frequency Distribution of Cotinine Levels in Smokers		Table 2-4 Cumulative Frequency Distribution of Cotinine Levels in Smokers		
Cotinine	Frequency	Cotinine	Relative Frequency	Cotinine	Cumulative Frequency	
0-99 100-199 200-299 300-399 400-499	11 12 14 1 2	0-99 100-199 200-299 300-399 400-499	28% 30% 35% 3% 5%	Less than 100 Less than 200 Less than 300 Less than 400 Less than 500	11 23 37 38 40	

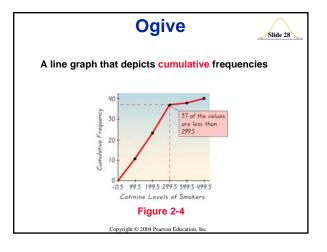












Stem-and Leaf Plot					
Represents data by separating each value into two parts: the stem (such as the leftmost digit) and the leaf (such as the rightmost digit)					
Stem-and-Leaf Pl Stem (tens)	ot Leaves (units)				
6	449	← Values are 64,			
7	01112334444555555666778899	64, 69.			
8	0011122233346899				
9	0024				
10					
12	0	← Value is 120.			

