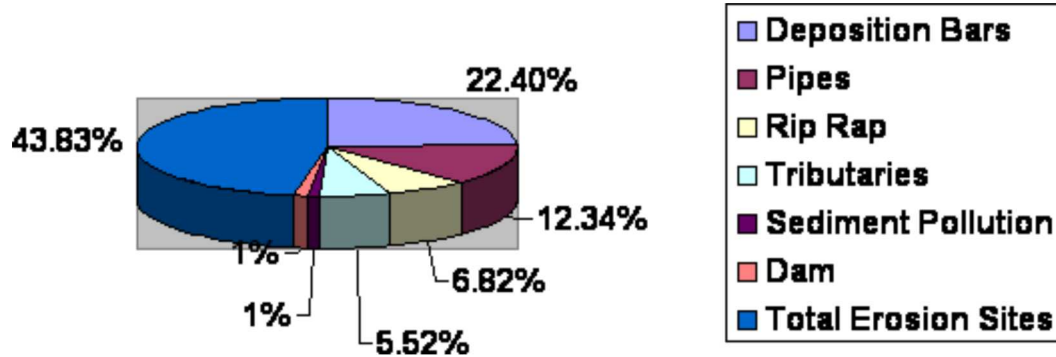


Table 1. Summary of disturbances along Mahoning Creek.

<b>Structures</b>	<b>Amount</b>	<b>Percentage out of 308 sites</b>
Bridges	26	8.44%
Depositions Bars	69	22.40%
Pipes	38	12.34%
Rip Rap	21	6.82%
Tributaries	17	5.52%
Dam	1	<1%
Sediment Pollution	1	<1%
Total Erosion sites	135	43.83%
Right Banks	68	50.37%
Left Banks	67	49.63%

**Figure 1. Summary of disturbances along Mahoning Creek.**



**Table 2. Bank height of all erosion sites along Mahoning Creek.**

<b>Total Banks</b>		
Bank Height	Number	Percent
Low	83	61.48%
Moderate	42	31.11%
High	10	7.41%
Total	135	

**Table 3. Bank height of right bank erosion sites along Mahoning Creek.**

<b>Right Banks</b>		
Height	Number	Percent
Low	42	61.76%
Moderate	21	30.88%
High	5	7.35%
Total	68	

**Table 4. Bank height of left bank erosion sites along Mahoning Creek.**

<b>Left Banks</b>		
Height	Number	Percent
Low	41	61.19%
Moderate	21	31.34%
High	5	7.46%
Total	67	

**Table 5. Bank angle of all erosion sites along Mahoning Creek.**

<b>Total Banks</b>		
Bank Angle	Number	Percent
Low	32	23.70%

Moderate	52	38.52%
High	51	37.78%
Total	135	

**Table 6. Bank angle of right bank erosion sites along Mahoning Creek.**

<b>Right Banks</b>		
<b>Bank Angle</b>	<b>Number</b>	<b>Percent</b>
Low	16	23.53%
Moderate	24	35.29%
High	28	41.18%
Total	68	

**Table 7. Bank angle of left bank erosion sites along Mahoning Creek.**

<b>Left Banks</b>		
<b>Height</b>	<b>Number</b>	<b>Percent</b>
Low	16	23.88
Moderate	28	41.79
High	23	34.33
Total	67	

**Table 8. Root density of all erosion sites along Mahoning Creek.**

<b>Total Banks</b>		
<b>Root Density</b>	<b>Number</b>	<b>Percent</b>
Low	7	5.19%
Moderate	84	62.22%
High	44	32.59%
Total	135	

**Table 9. Root density of right bank erosion sites along Mahoning Creek.**

<b>Right Banks</b>		
<b>Root Density</b>	<b>Number</b>	<b>Percent</b>
Low	5	7.35%
Moderate	42	61.76%
High	21	30.88%
Total	68	

**Table 10. Root density of left bank erosion sites along Mahoning Creek.**

<b>Left Banks</b>		
<b>Root Density</b>	<b>Number</b>	<b>Percent</b>
Low	2	2.99%
Moderate	42	62.69%
High	23	34.33%
Total	67	

**Table 11. Particle size of all erosion sites along Mahoning Creek.**

<b>Total Banks</b>		
<b>Particle Size</b>	<b>Number</b>	<b>Percent</b>
Low	2	1.48%
Moderate	63	46.67%
High	70	51.85%
Total	135	

**Table 12. Particle size of right bank erosion sites along Mahoning Creek.**

<b>Right Banks</b>		
<b>Particle Size</b>	<b>Number</b>	<b>Percent</b>
Low	2	2.94%
Moderate	34	50.0%
High	32	47.06%
Total	68	

**Table 13. Particle size of left bank erosion sites along Mahoning Creek.**

<b>Left Banks</b>		
<b>Particle Size</b>	<b>Number</b>	<b>Percent</b>
Low	0	0%
Moderate	29	43.28%
High	38	56.72%
Total	67	

**Table 14. Length of erosion sites compared to bank height along Mahoning Creek.**

<b>Total Banks</b>					
<b>Length in feet</b>	<b>0-50</b>	<b>51-100</b>	<b>101-250</b>	<b>251-500</b>	<b>501-1000</b>
Low Bank Height	44	23	16	0	0
Moderate Bank Height	10	22	8	2	0
High Bank Height	4	5	1	0	0
Total	58	50	25	2	0
Percent out of 135	42.96%	37.04%	18.52%	1.48%	0%

**Table 15. Length of right bank erosion sites compared to bank height along Mahoning Creek.**

<b>Right Banks</b>					
<b>Length in feet</b>	<b>0-50</b>	<b>51-100</b>	<b>101-250</b>	<b>251-500</b>	<b>501-1000</b>
Low Bank Height	21	13	8	0	0
Moderate Bank Height	6	10	4	1	0
High Bank Height	1	3	1	0	0
Total	28	26	13	1	0
Percent out of 68	41.18%	38.24%	19.12%	1.47%	0%

**Table 16. Length of left bank erosion sites compared to bank height along Mahoning Creek.**

<b>Left Banks</b>					
<b>Length in feet</b>	<b>0-50</b>	<b>51-100</b>	<b>101-250</b>	<b>251-500</b>	<b>501-1000</b>
Low Bank Height	23	10	8	0	0

Moderate Bank Height	4	12	4	1	0
High Bank Height	3	2	0	0	0
Total	30	24	12	1	0
Percent out of 67	44.78%	35.82%	17.91%	1.49%	0%