

Percent Directly Connected Impervious Area – Percent of total drainage area that is impervious and flows directly to a conveyance system.

Percent Disconnected Impervious Area – Percent of total drainage that is impervious area and flows to a pervious area.

For Example: A 100 acre drainage area has a total of 20 acres of imperviousness. Ten acres of the impervious area drains directly to the storm sewer system and ten acres flow onto a pervious area, such as a lawn. The percent directly connected impervious area is 10 percent – not 50 percent. If a land use has any disconnected impervious areas, it is usually attributed to the roof runoff draining to a lawn.

Table1. Percent connected imperviousness by source area based on standard land use file.

Land Use	Roofs		Parking		Driveways		Sidewalk	Street	Pervious
	Direct Conn	Dis-conn	Direct Conn	Dis-conn	Direct Conn	Dis-conn	Direct Conn	Direct Conn	
MDNR	4.5	10.5	0.2	0	5.6	1.9	2.2	12.8	62.3
HRWA	13.6	10.6	0.4	0	0.7	0	6.4	20.2	48.1
HHR	19	0	21.8	0	0.9	0	4.6	18.1	35.6
LI	23.1	2.3	32.9	6.3	2.6	0	1.3	10.8	20.7
OP	13.2	0	42.9	0	4.6	0	1.3	11.1	26.9
HOSP	35.7	0	20.8	0.6	6.1	0	2.8	10.9	23.1
SC	21.8	0	60.6	0.3	1.8	0	0.5	6.4	8.6
CST	23.4	0	40.9	1.4	2	0	4.3	20.1	7.9

Table2. Percent Imperviousness and Pervious Areas for Selected Land Uses Based on Standard Land Use Files

Surface Type	Medium Density Residential (MDNR)	High Rise Residential (HHR)	Light Industrial (LI)	Office Parks (OP)	Hospitals (HOSP)	Shopping Center (SC)	Commercial Strip (CST)
Percent Directly Connected Imperv.	25%	64%	71%	73%	76%	91%	91%
Percent Impervious Draining to Pervious	13%	0%	8%	0%	1%	0%	1%
Percent Pervious	62%	36%	21%	27%	23%	9%	8%