

The FREQ Procedure

File identifier

fileid	Frequency	Percent	Cumulative Frequency	Cumulative Percent
chap06	236284	100.00	236284	100.00

Table of scenario by year

scenario(Scenario) year(Year)

Frequency Percent	2017	2040	Total
HHHE	59071 25.00	59071 25.00	118142 50.00
MHLE	59071 25.00	59071 25.00	118142 50.00
Total	118142 50.00	118142 50.00	236284 100.00

Table of feedstock by srce

feedstock(Feedstock) srce(Source)

Frequency Percent	Base	Harv	HarvDiff	HarvPost	HarvPre	Total
Forestry	62180 26.32	12436 5.26	0 0.00	0 0.00	0 0.00	74616 31.58
Whole trees	0 0.00	12436 5.26	49744 21.05	49744 21.05	49744 21.05	161668 68.42
Total	62180 26.32	24872 10.53	49744 21.05	49744 21.05	49744 21.05	236284 100.00

The FREQ Procedure

Table of feedstock by indicator

feedstock(Feedstock) indicator(Indicator)

Frequency Percent	N03	Sed	TN	TP	area	Total
Forestry	12436 5.26	12436 5.26	12436 5.26	12436 5.26	24872 10.53	74616 31.58
Whole trees	37308 15.79	37308 15.79	37308 15.79	37308 15.79	12436 5.26	161668 68.42
Total	49744 21.05	49744 21.05	49744 21.05	49744 21.05	37308 15.79	236284 100.00

Table of indicator by units

indicator(Indicator)
units(Units)

Frequency Percent	ha	kg	Total
N03	0 0.00	49744 21.05	49744 21.05
Sed	0 0.00	49744 21.05	49744 21.05
TN	0 0.00	49744 21.05	49744 21.05
TP	0 0.00	49744 21.05	49744 21.05
area	37308 15.79	0 0.00	37308 15.79
Total	37308 15.79	198976 84.21	236284 100.00

The FREQ Procedure

Table of feedstock by year

feedstock(Feedstock)		year(Year)	
Frequency			
Percent	2017	2040	Total
Forestry	37308 15.79	37308 15.79	74616 31.58
Whole trees	80834 34.21	80834 34.21	161668 68.42
Total	118142 50.00	118142 50.00	236284 100.00

scenario	year	srce	feedstock	indicator	units	_obs_	_mis_	_min_	_max_	_avg_
HHHE	2017	Base	Forestry	N03	kg	3109	0	0	15810284.00	305324.36
				Sed	kg	3109	0	0	211771286.00	9192623.91
				TN	kg	3109	0	0	3262893.00	141636.54
				TP	kg	3109	0	0	135341.00	5874.91
				area	ha	3109	0	0	1961463.00	85143.69
HHHE	2017	Harv	Forestry	area	ha	2956	153	0	25031.77	1109.23
HHHE	2017	Harv	Whole trees	area	ha	2956	153	0	19411.94	521.96
HHHE	2017	HarvDiff	Whole trees	N03	kg	2956	153	0	648920.85	6161.54
				Sed	kg	2956	153	0	53829962.92	2166317.85
				TN	kg	2956	153	0	331761.66	8920.60
				TP	kg	2956	153	0	20112.71	540.80
HHHE	2017	HarvPost	Whole trees	N03	kg	2956	153	0	837747.40	7974.39
				Sed	kg	2956	153	0	55925792.17	2222671.72
				TN	kg	2956	153	0	364053.42	9788.88
				TP	kg	2956	153	0	21452.13	576.82
HHHE	2017	HarvPre	Whole trees	N03	kg	2956	153	0	188826.55	1812.85
				Sed	kg	2956	153	0	2095829.25	56353.87
				TN	kg	2956	153	0	32291.76	868.28
				TP	kg	2956	153	0	1339.42	36.02
HHHE	2040	Base	Forestry	N03	kg	3109	0	0	15810284.00	305324.36
				Sed	kg	3109	0	0	211771286.00	9192623.91
				TN	kg	3109	0	0	3262893.00	141636.54
				TP	kg	3109	0	0	135341.00	5874.91
				area	ha	3109	0	0	1961463.00	85143.69
HHHE	2040	Harv	Forestry	area	ha	2852	257	0	9426.76	476.03
HHHE	2040	Harv	Whole trees	area	ha	2852	257	0	5327.89	144.48
HHHE	2040	HarvDiff	Whole trees	N03	kg	2852	257	0	63858.66	1018.16
				Sed	kg	2852	257	0	14774429.92	548115.03
				TN	kg	2852	257	0	91056.90	2469.21
				TP	kg	2852	257	0	5520.23	149.69

scenario	year	srce	feedstock	indicator	units	_obs_	_mis_	_min_	_max_	_avg_
HHHE	2040	HarvPost	Whole trees	N03	kg	2852	257	0	82440.61	1322.51
				Sed	kg	2852	257	0	15349661.27	563713.70
				TN	kg	2852	257	0	99919.85	2709.55
				TP	kg	2852	257	0	5887.86	159.66
HHHE	2040	HarvPre	Whole trees	N03	kg	2852	257	0	18581.94	304.35
				Sed	kg	2852	257	0	575231.35	15598.67
				TN	kg	2852	257	0	8862.95	240.34
				TP	kg	2852	257	0	367.62	9.97
MHLE	2017	Base	Forestry	N03	kg	3109	0	0	15810284.00	305324.36
				Sed	kg	3109	0	0	211771286.00	9192623.91
				TN	kg	3109	0	0	3262893.00	141636.54
				TP	kg	3109	0	0	135341.00	5874.91
				area	ha	3109	0	0	1961463.00	85143.69
MHLE	2017	Harv	Forestry	area	ha	3028	81	0	25210.56	1135.34
MHLE	2017	Harv	Whole trees	area	ha	3028	81	0	21990.31	556.43
MHLE	2017	HarvDiff	Whole trees	N03	kg	3028	81	0	735113.27	6900.73
				Sed	kg	3028	81	0	60979886.98	2286756.08
				TN	kg	3028	81	0	375827.65	9509.76
				TP	kg	3028	81	0	22784.16	576.52
MHLE	2017	HarvPost	Whole trees	N03	kg	3028	81	0	949020.57	8929.70
				Sed	kg	3028	81	0	63354093.17	2346831.83
				TN	kg	3028	81	0	412408.54	10435.38
				TP	kg	3028	81	0	24301.50	614.91
MHLE	2017	HarvPre	Whole trees	N03	kg	3028	81	0	213907.29	2028.97
				Sed	kg	3028	81	0	2374206.19	60075.74
				TN	kg	3028	81	0	36580.89	925.62
				TP	kg	3028	81	0	1517.33	38.39
MHLE	2040	Base	Forestry	N03	kg	3109	0	0	15810284.00	305324.36
				Sed	kg	3109	0	0	211771286.00	9192623.91
				TN	kg	3109	0	0	3262893.00	141636.54
				TP	kg	3109	0	0	135341.00	5874.91
				area	ha	3109	0	0	1961463.00	85143.69

scenario	year	srce	feedstock	indicator	units	_obs_	_mis_	_min_	_max_	_avg_
MHLE	2040	Harv	Forestry	area	ha	2788	321	0	15999.14	602.63
MHLE	2040	Harv	Whole trees	area	ha	2788	321	0	13176.29	235.84
MHLE	2040	HarvDiff	Whole trees	N03	kg	2788	321	0	169994.40	1726.72
				Sed	kg	2788	321	0	36538308.15	950672.07
				TN	kg	2788	321	0	225190.75	4030.59
				TP	kg	2788	321	0	13651.96	244.35
MHLE	2040	HarvPost	Whole trees	N03	kg	2788	321	0	219460.31	2242.25
				Sed	kg	2788	321	0	37960899.79	976134.40
				TN	kg	2788	321	0	247109.51	4422.90
				TP	kg	2788	321	0	14561.12	260.62
MHLE	2040	HarvPre	Whole trees	N03	kg	2788	321	0	49465.90	515.53
				Sed	kg	2788	321	0	1422591.64	25462.33
				TN	kg	2788	321	0	21918.76	392.31
				TP	kg	2788	321	0	909.16	16.27