

2012 Washington State Parcel Database Full Report

Adams County -- 401

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Acquired Data Files

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
ADAMSPARCELS	shapefile	2012-02-22	2012-02-22	NAD_1983_StatePlane_Washington_South_FIP_S_4602_Feet	email attachment from Dee Macias
Various	TXT	2012-03-27	2012-03-23	NA	emailed from Heather Waite at TerraScan
Various	TXT	2012-03-27	2012-03-23	NA	emailed from Heather Waite at TerraScan
Various	TXT	2012-03-27	2012-03-23	NA	emailed from Heather Waite at TerraScan
Various	TXT	2012-03-27	2012-03-23	NA	emailed from Heather Waite at TerraScan

Acquired Tables

Table Name:	Source Data File Name:	Normalization Date
ADAMCBLG.txt	Various	2012-04-25
ADAMSAP.txt	Various	2012-04-25
ADAMSAS.txt	Various	2012-04-25
ADAMSBLG.txt	Various	2012-04-25
ADAMSPARCELS.shp	ADAMSPARCELS	2012-04-25

Normalization Process

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
ADAMCBLG.txt	Area/Units	Direct	SquareFeetTotal	Improvement

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
ADAMCBLG.txt	Bldg #	Direct	SourceImprovementID	Improvement
ADAMCBLG.txt	Cond	Direct	Condition	Improvement
ADAMCBLG.txt	Description	Direct	Description	Improvement
ADAMCBLG.txt	Ext Wall	Direct	SidingMaterial	Improvement
ADAMCBLG.txt	Qual	Direct	Quality	Improvement
ADAMCBLG.txt	Year	Direct	YearBuilt	Improvement
ADAMSAP.txt	Arch Type	Concatenate: Arch Type, Style 1, Style 2	Description	Improvement
ADAMSAP.txt	Base SF	Direct	SquareFeetFootprint	Improvement
ADAMSAP.txt	Bath	Direct	NumberBathrooms	Improvement
ADAMSAP.txt	Bed	Direct	NumberBedrooms	Improvement
ADAMSAP.txt	Bsmt SF	Direct	SquareFeetBasement	Improvement
ADAMSAP.txt	Condition	Direct	Condition	Improvement
ADAMSAP.txt	Ext Wall 1	Concatenate: Ext Wall 1, Ext Wall 2	SidingMaterial	Improvement
ADAMSAP.txt	Ext Wall 2	Concatenate: Ext Wall 1, Ext Wall 2	SidingMaterial	Improvement
ADAMSAP.txt	Foundation	Direct	FoundationType	Improvement
ADAMSAP.txt	Gar SF	Direct	SquareFeetGarage	Improvement
ADAMSAP.txt	Quality	Direct	Quality	Improvement
ADAMSAP.txt	Rem Year	Direct	YearRenovated	Improvement
ADAMSAP.txt	Roof	Direct	RoofMaterial	Improvement
ADAMSAP.txt	Style1	Concatenate: Arch Type, Style 1, Style 2	Description	Improvement
ADAMSAP.txt	Style2	Concatenate: Arch Type, Style 1, Style 2	Description	Improvement
ADAMSAP.txt	Total SF	Direct	SquareFeetTotal	Improvement
ADAMSAP.txt	Type	Direct	Type	Improvement
ADAMSAP.txt	Year	Direct	YearBuilt	Improvement
ADAMSAS.txt	Address 1	Direct	AddressLine1	Name
ADAMSAS.txt	Address 2	Direct	AddressLine2	Name
ADAMSAS.txt	City State	FME SubstringExtract(0,-5)	AddressCity	Name
ADAMSAS.txt	City State	FME SubstringExtract(-2,-1)	AddressState	Name
ADAMSAS.txt	Current Owner	Direct; Owner	Name.Name	Name
ADAMSAS.txt	Deeded Acres	Direct	TabularAcres	TaxRoll
ADAMSAS.txt	DOR Codes	FME Substring (0,1); First 2 digits of six digit code coincide with WA DOR code (i.e. 11-single family residence).	StateLandUseCode	StateLandUse, TaxRoll

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
		There are spaces between each set of 2 characters (11 MH 00).		
ADAMSAS.txt	Ex Amount	Concatenate: PR Class, Ex Amount	TaxStatus	TaxRoll
ADAMSAS.txt	Impr Market	Direct	MarketValueImprovements	TaxRoll
ADAMSAS.txt	Impr Value	Direct	TaxableValueImprovements	TaxRoll
ADAMSAS.txt	Land Market	Direct	MarketValueLand	TaxRoll
ADAMSAS.txt	Land Value	Direct	TaxableValueLand	TaxRoll
ADAMSAS.txt	Legal Description	Direct	LegalDescription	TaxRoll
ADAMSAS.txt	Map #	Direct	SourceDocumentReference	TaxRoll
ADAMSAS.txt	PC Market	Direct	MarketValueCrop	TaxRoll
ADAMSAS.txt	Perm Crop	Direct	TaxableValueCrop	TaxRoll
ADAMSAS.txt	PR Class	Concatenate: PR Class, Ex Amount	TaxStatus	TaxRoll
ADAMSAS.txt	Situs	Direct	SiteAddressFull	TaxRoll
ADAMSAS.txt	Situs	split on '\'; if first part is number send to SiteAddressNumber	SiteAddressNumber	TaxRoll
ADAMSAS.txt	Situs	split on '\'; if first part is number send second part to SiteAddressStreetFullName	SiteAddressStreetFullName	TaxRoll
ADAMSAS.txt	Tax District	Direct	TaxCodeArea	TaxRoll
ADAMSAS.txt	Total Market	Direct	MarketValueTotal	TaxRoll
ADAMSAS.txt	Total Value	Direct	TaxableValueTotal	TaxRoll
ADAMSAS.txt	Zip	Direct	AddressZip	Name
ADAMSBLG.txt	Cond	Direct	Condition	Improvement
ADAMSBLG.txt	Cover	Direct	RoofMaterial	Improvement
ADAMSBLG.txt	Description	Direct	Description	Improvement
ADAMSBLG.txt	ID	Direct	SourceImprovementID	Improvement
ADAMSBLG.txt	Qual	Direct	Quality	Improvement
ADAMSBLG.txt	Units	Direct	SquareFeetTotal	Improvement
ADAMSBLG.txt	Wall	Direct	SidingMaterial	Improvement
ADAMSBLG.txt	Year	Direct; if '0', set to NULL	YearBuilt	Improvement
ADAMSPARCELS.shp	PARCEL_NO	Direct	SourceParcelID	TaxRoll

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
ADAMSPARCELS.shp	PARCEL_NO	Concatenate 'http://adamswa .taxsifter.com/ taxsifter/t-ass essor.asp?pid=' , PARCEL_NO	AssessorURL	TaxRoll
ADAMSPARCELS.shp	RANGE	Concatenate with 'E'	Range	TaxRoll
ADAMSPARCELS.shp	SECTION	Direct	Section	TaxRoll
ADAMSPARCELS.shp	TOWNSHIP	Concatenate with 'N'	Township	TaxRoll

Normalization Notes

Integration Date:	2012-04-25
Integration Notes:	<p>The main assessment information is in ADAMSAS.txt but the header row of the file is missing the field names for Address 1, Address 2, City State, and Zip (the data is in the file, but the names in the header row are missing). These field names were added to the file.</p> <p>The 2012 shapefile has 2 new fields in 2012: TAX_DIST and NBHD.</p> <p>There are 3 fields from the 2010 shapefile that are not in the 2012 shapefile: LOG_NAME, LOG_DATE, and BPFlag.</p>
QAQC Date:	2012-07-10
QAQC Notes:	<p>PolyID=401000000003; Process Parcel Flattened=2. The polygon is a sliver. All 9 ProcessParcel Flattened polygons are slivers.</p> <p>PolyID=401000011619; ProcessParcelAggregated=6. Confirmed that 6 polygons on shapefile have the same source PARCEL_NO. Reconfirmed with PolyID=401000011606; ProcessParcelAggregated=3.</p> <p>PolyID=401000000030; ProcessParcelDuplicatesRemoved=2. Confirmed 2 duplicate parcels in original shapefile.</p> <p>PolyID=401000000046; ProcessNameFlattened=5. Confirmed 5 records in ADAMSAS.txt with same name (RUSSELL, PEGGY A ETAL).</p>

Asotin County -- 402

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Acquired Data Files

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
AsotinCountyParcels.shp	shapefile	2014-05-08	2014-05-08	NAD_1983_StatePlane_Washington_South_FIPS_4602_Feet	First spatial data from Asotin. Uploaded by John Guillotte from Asotin County. Used as an update to the 2012 Parcel Database.

Acquired Tables

Table Name:	Source Data File Name:	Normalization Date
AsotinCountyParcels.shp	AsotinCountyParcels.shp	2014-05-15

Normalization Process

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
AsotinCountyParcels.shp	ACCT	Direct	NameCD	Name
AsotinCountyParcels.shp	DHCD	Concatenate: STCD, SCCD, DHCD, FORC, TAXE	TaxStatus	TaxRoll
AsotinCountyParcels.shp	FORC	Concatenate: STCD, SCCD, DHCD, FORC, TAXE	TaxStatus	TaxRoll
AsotinCountyParcels.shp	IA	Direct	ImprovedAcres	TaxRoll
AsotinCountyParcels.shp	LD1	Concatenate: LD1, LD2, LD3, LD4	LegalDescription	TaxRoll
AsotinCountyParcels.shp	LD2	Concatenate: LD1, LD2, LD3, LD4	LegalDescription	TaxRoll
AsotinCountyParcels.shp	LD3	Concatenate: LD1, LD2, LD3, LD4	LegalDescription	TaxRoll
AsotinCountyParcels.shp	LD4	Concatenate: LD1, LD2, LD3, LD4	LegalDescription	TaxRoll
AsotinCountyParcels.shp	MA1	Direct	AddressLine1	Name
AsotinCountyParcels.shp	MA2	Direct	AddressLine2	Name
AsotinCountyParcels.shp	MA3	Direct; only if MA3 does not contain a valid USPS State abbreviation	AddressLine3	Name
AsotinCountyParcels.shp	MA3	FME Substring all values before state; if MA3 contains a valid USPS state abbreviation	AddressCity	Name

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
AsotinCountyParcels.shp	MA3	FME Substring State; if MA3 contains a valid USPS state abbreviation	AddressState	Name
AsotinCountyParcels.shp	MA3	FME Substring everything after State; if MA3 contains a valid USPS state abbreviation	AddressZip	Name
AsotinCountyParcels.shp	MNAM	Direct; Taxpayer	Name.Name	Name
AsotinCountyParcels.shp	PA2	Concatenate: PA2, PA3	SiteAddressFull	TaxRoll
AsotinCountyParcels.shp	PA3	Concatenate: PA2, PA3	SiteAddressFull	TaxRoll
AsotinCountyParcels.shp	PARCEL_ID	Direct if not '????'	SourceParcelID	TaxRoll
AsotinCountyParcels.shp	PCCD	Use LandUse_ASOT_Crosswalk	StateLandUseCode	StateLandUse, TaxRoll
AsotinCountyParcels.shp	RB	Concatenate with 'E'; Must be a number between 43 and 47	Range	TaxRoll
AsotinCountyParcels.shp	SCCD	Concatenate: STCD, SCCD, DHCD, FORC, TAXE	TaxStatus	TaxRoll
AsotinCountyParcels.shp	SL	Direct; Must be a number between 1 and 36	Section	TaxRoll
AsotinCountyParcels.shp	STCD	Concatenate: STCD, SCCD, DHCD, FORC, TAXE	TaxStatus	TaxRoll
AsotinCountyParcels.shp	TA	Direct	TabularAcres	TaxRoll
AsotinCountyParcels.shp	TAXE	Concatenate: STCD, SCCD, DHCD, FORC, TAXE	TaxStatus	TaxRoll
AsotinCountyParcels.shp	TL	Concatenate with 'N'; Must be a number between 6 and 11	Township	TaxRoll
AsotinCountyParcels.shp	TXCD	Direct	TaxCodeArea	TaxRoll
AsotinCountyParcels.shp	UA	Direct	UnimprovedAcres	TaxRoll
AsotinCountyParcels.shp	VM_I	Direct	MarketValueImprovements	TaxRoll
AsotinCountyParcels.shp	VM_L	Direct	MarketValueLand	TaxRoll
AsotinCountyParcels.shp	VO_I	Populate with VO_I or VS_I (if either contain values)	TaxableValueImprovements	TaxRoll
AsotinCountyParcels.shp	VO_L	Populate with VO_L or VS_L (if either contain values)	TaxableValueLand	TaxRoll
AsotinCountyParcels.shp	VS_I	Populate with VO_I or VS_I (if either contain values)	TaxableValueImprovements	TaxRoll
AsotinCountyParcels.shp	VS_L	Populate with VO_L or VS_L (if either contain values)	TaxableValueLand	TaxRoll

Normalization Notes

Integration Date:	2014-05-15
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Integration Notes:	NORMALIZED INTO THE 2012 database. Data provided in May 2014 as it became available from Asotin. The first spatial data they provided.
QAQC Date:	N/A
QAQC Notes:	N/A

Normalization Process -- Attribute Value Translation

Original Field (PCCD) Value	Normalized Field (StateLandUseCode) Value
00	
D02	
D05	
D11	
1	
1A	
2	
3	
09	
9D	
9O	15
10	
10B	
10C	
10D	
11	11
11A	11
11B	11
11C	11
11D	11
11E	11
12	12
12A	12
12B	12
12C	12
12D	12
13	13
13B	13
13D	13
14	14
15	15
15D	15
15E	15

Original Field (PCCD) Value	Normalized Field (StateLandUseCode) Value
16	16
17	17
18	18
19	19
20B	
21	
24	
24E	24
25	
32B	
34	
34B	
36	36
39	39
40	
43	43
45	45
46	46
47	47
48	48
48P	48
49	49
50	
50B	
50D	
51	51
52	52
52E	52
53	53
53A	53
53B	53
54	54
54B	54
54D	54
54E	54
55	55
55B	55
55C	55
55E	55
56	56
57	57

Original Field (PCCD) Value	Normalized Field (StateLandUseCode) Value
58	58
58A	58
59	59
59A	59
61	61
62	62
62A	62
63	63
64	64
64A	64
64B	64
64D	64
64E	64
65	65
65A	65
65E	65
66	66
67	67
67B	67
68	68
69	69
69B	69
69E	69
71	71
72	72
72B	72
72D	72
72E	72
73	73
74	74
75	75
75B	75
76	76
81	81
82	82
83	83
84	84
85	85
90	
90	15
91	91

Original Field (PCCD) Value	Normalized Field (StateLandUseCode) Value
91E	91
93	93
94	94
95	95
111	

Benton County -- 403

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Acquired Data Files

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
ParcelsAndAssess.s.shp	Shapefile	2012-01-31	2011-12-29	Unknown	Uploaded to fileswap.com by Benton County. No .prj file with the shapefile (same as 2010), but previous files have been in: NAD_1983_HARN_StatePlane_Washington_South_FIPS_4602_Feet

Acquired Tables

Table Name:	Source Data File Name:	Normalization Date
ParcelsAndAssess.s.shp	ParcelsAndAssess.s.shp	2012-04-26

Normalization Process

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
ParcelsAndAssess.s.shp	acres	Direct	TabularAcres	TaxRoll
ParcelsAndAssess.s.shp	bldgtype	Direct	Type	Improvement
ParcelsAndAssess.s.shp	bsmtarea	Direct	SquareFeetBasement	Improvement

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
ParcelsAndAssess.s.shp	doc1num	Concatenate doc1num, doc2num	SourceDocumentReference	TaxRoll
ParcelsAndAssess.s.shp	doc2num	Concatenate doc1num, doc2num	SourceDocumentReference	TaxRoll
ParcelsAndAssess.s.shp	dwlgval1	Direct	MarketValueImprovements	TaxRoll
ParcelsAndAssess.s.shp	finsize	Direct	SquareFeetTotal	Improvement
ParcelsAndAssess.s.shp	landval1	Direct	MarketValueLand	TaxRoll
ParcelsAndAssess.s.shp	legal1	Concatenate (legal1, legal2)	LegalDescription	TaxRoll
ParcelsAndAssess.s.shp	legal2	Concatenate (legal1, legal2)	LegalDescription	TaxRoll
ParcelsAndAssess.s.shp	locaddr	Direct	SiteAddressFull	TaxRoll
ParcelsAndAssess.s.shp	mailaddr	Direct	AddressLine2	Name
ParcelsAndAssess.s.shp	mailcity	Direct	AddressCity	Name
ParcelsAndAssess.s.shp	mailstat	Direct	AddressState	Name
ParcelsAndAssess.s.shp	mailzip	Direct	AddressZip	Name
ParcelsAndAssess.s.shp	owner1	Direct; Owner	Name.Name	Name
ParcelsAndAssess.s.shp	owner2	Direct	AddressLine1	Name
ParcelsAndAssess.s.shp	Parcel_ID	Direct	SourceParcelID	TaxRoll
ParcelsAndAssess.s.shp	pcdesc	Use LandUse_BENT_Crosswalk	StateLandUseCode	StateLandUse, TaxRoll
ParcelsAndAssess.s.shp	pcdesc	Concatenate with usedesc.	SourceLandUseDescription	TaxRoll
ParcelsAndAssess.s.shp	totval1	Direct	MarketValueTotal	TaxRoll
ParcelsAndAssess.s.shp	usedesc	Concatenate with non-numeric part of pcdesc.	SourceLandUseDescription	TaxRoll
ParcelsAndAssess.s.shp	yrbuilt	Direct	YearBuilt	Improvement

Normalization Notes

Integration Date:	2012-04-26
Integration Notes:	<p>Two new fields in 2012: LastOfLast and LastOfmemo. Three fields in 2010, are not in the 2012 file: AREA, imp, and Functional.</p> <p>The source data shapefile was processed through the 'Repair Geometry' tool in ArcGIS. 1285 features had self-intersections and were repaired.</p>

	<p>Attempted to repair features with FIDs 57945, 10681, 22811, 30972, 30974, 30975 because of self-interesections. The repair resulted in NULL geometry, so they were deleted.</p> <p>There are two parcels with PARCEL_ID 125982000001000. One of these is a sliver, which was removed.</p> <p>Two parcels with Parcel_ID values: 112891040000009 and 118973070000001 were edited manually using the ArcMap Editor toolbar. They had self-intersecting slivers on their corners.</p>
QAQC Date:	2012-07-12
QAQC Notes:	<p>PolyID=403000066489; ProcessNameFlattened=2; confirm 2 instances of BOY ROBERT E in ParcelsAndAssess.dbf.</p> <p>PolyID=403000000000; ProcessParcelFlattened=2; confirmed 2 redundant parcels in ParcelsAndAssess.shp (Parcel_ID=106893090004004, 106893090004005).</p> <p>PolyID=403000066662; ProcessParcelAggregated=4; confirmed 4 polygons in ParcelsAndAssess.shp. with Poly_ID=134993070002008.</p> <p>PolyID=403000000009; ProcessParcelDuplicatesRemoved=2; Confirmed ParcelsAndAssess.shp has 2 duplicate polygons.</p>

Normalization Process -- Attribute Value Translation

Original Field (pcdesc) Value	Normalized Field (StateLandUseCode) Value
0	0
100 Agland	81
101 Rangeland	81
102 Dry Pasture	81
103 Dry Ag Land	81
104 Irrigated Pasture	81
105 Irrigated Ag Land	81
106 Irrigated Ag Land Circles	81
107 Irrigated Ag Land Well	81
120 Agland OS	83
121 Rangeland OS	83
122 Dry Pasture OS	83
123 Dry Ag Land OS	83
124 Irrigated Pasture OS	83
125 Irrigated Ag Land OS	83
126 Irrig Ag Land Circles OS	83
127 Irrig Ag Land Well OS	83
182 Ag related activities	82
191 Undeveloped Farm	91
209 Mineral land	86

Original Field (pcdesc) Value	Normalized Field (StateLandUseCode) Value
285 Mining and related-gravel	85
300 Industrial: Vacant land	91
310 Ind: Food /drink (Winery)	21
314 Rural indust land tract	99
321 Food & kindred products	21
324 Lumber & Wood Prodcnts	24
325 Furniture & Fixtures	25
327 Printing and publishing	27
328 Chemicals	28
331 Rubber & misc plastic pdct	30
332 Stone, clay and glass prd	32
334 Fabricated metal products	34
335 Prof. scientific,photo,opt	35
339 Misc manufacturing	39
390 Industrial grain elevators	86
391 Undeveloped land (ind)	91
399	48
400 Commercial Retail Land	59
401 Commercial Service Land	69
402 Commercial Multi-fam Land	18
405 Com - cannot be sold sep	59
410 Hotel / Motel	16
411 Com Parcel with Residence	18
412 Multi-family Four-plex	12
413 Com multi family apts	13
414 Multi-family Condo	14
415 Mobile home park or court	15
416 R.V. Park	16
417 Institutional Lodging	17
446 Office / Retail Condo	59
447 Storage Condo	18
451 Wholesale trade	51
452 RT-bldg matrl,hdwr,farm eq	52
453 RT general merchandise	53
454 RT food	54
455 RT auto marine aircrft acc	55
456 RT apparel and accessories	56
457 RT furniture hm furnish eq	57
458 RT eating and drinking	58
459 Other retail trade	59
461 Finance insur real estate	61

Original Field (pcdesc) Value	Normalized Field (StateLandUseCode) Value
462 Personal services	62
463 Business services	63
464 Repair services	64
465 Professional services	65
466 Contract construction serv	66
467 Governmental services	67
468 Educational services	68
469 Miscellaneous services	69
471 Cultural Act & Nature Exh	71
472 Public assembly	72
473 Amusements	73
474 Recreational activities	74
476 Parks	76
477 Private Clubs	77
478 Misc Public Service	78
479 Other cult,entertnmt,& rec	79
491 Undeveloped HBU Commercial	91
494 Farm HB Comm	94
495 Open space, H&B Com	95
499 Comm in Res Nbh	99
500 Res Vacant Lot UnInc	18
501 Res Vacant Lot incorp	18
502 Res Vacant Lot Acreage	18
503 Res Outbuildings only	18
504 Res Vacant Multi	18
507 Res Vacant Limited Use	18
512 Rural residential (sqft)	18
513 Rural residential (acres)	18
515 Rural resid subdivisions	18
516 Habitat for Humanity	18
520 Res lots incorporated	18
522 Res Duplex	12
523 Res Triplex	12
525 Common areas - condo/tnhse	14
526 Condominium	14
527 Patio Home	14
528 Townhouse	14
540 Res mobile home (sqft)	11
541 Res mobile home (acres)	11
546 Mobile Home Not in Park LL	11
548 Mobile Home In Park	15

Original Field (pcdesc) Value	Normalized Field (StateLandUseCode) Value
568 Educational Services Res	68
572 Public Assembly Res	72
574 Recreational Activities Re	74
576 Parks Res	76
591 Res Undeveloped land	91
595 Open Space, H&B Res	95
599 Res on com land	99
611 Cemeteries	69
647	67
684 Fish Activities	84
693 Water Areas	93
696 Pumping Stations	69
697 Restricted Use	97
699 Other Undeveloped Land	99
841 Railroad/Transit Tansport	41
842 Motor Vehicle Transport	42
843 Aircraft Transport	43
845 Highway & Street R of W	45
846 Automobile Parking	46
847 Communication	47
848 Utilities	48
849 Other Transport Comm Util	49

Chelan County -- 404

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Acquired Data Files

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
Various	Shapefile	2012-01-31	2012-01-23	NAD_1983_StatePlane_Washington_North_FIP	parcels.zip downloaded files from ftp://63.135.55.71/g

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
				S_4601_Feet	is/LandBase/ ChelanCoZoning.zip downloaded from ftp://63.135.55.71/gis/Planning/

Acquired Tables

Table Name:	Source Data File Name:	Normalization Date
Parcels.shp	Various	2012-05-17

Normalization Process

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
Parcels.shp	Acres	Direct	TabularAcres	TaxRoll
Parcels.shp	Address_1	Direct	AddressLine1	Name
Parcels.shp	Address_2	Direct	AddressLine2	Name
Parcels.shp	Address_3	Direct	AddressLine3	Name
Parcels.shp	AF_Num	Concatenate: source, AF_Num, Book, Page	SourceDocumentReference	TaxRoll
Parcels.shp	Book	Concatenate: source, AF_Num, Book, Page	SourceDocumentReference	TaxRoll
Parcels.shp	City	Direct	AddressCity	Name
Parcels.shp	Country	Direct	AddressCountry	Name
Parcels.shp	DATE_ADDED	Direct	SourceCreationDate	TaxRoll
Parcels.shp	Exempt_Cd	Concatenate Prop_Type, Sub_Type_D, Exempt_Cd, Exempt_Qua	TaxStatus	TaxRoll
Parcels.shp	Exempt_Qua	Concatenate Prop_Type, Sub_Type_D, Exempt_Cd, Exempt_Qua	TaxStatus	TaxRoll
Parcels.shp	Geo_ID	FME substring (0,1); Concatenate with 'N'	Township	TaxRoll
Parcels.shp	Geo_ID	FME substring (2,3); Concatenate with 'E'	Range	TaxRoll
Parcels.shp	Geo_ID	FME substring (4,5)	Section	TaxRoll
Parcels.shp	Legal_Desc	Concatenate Legal_Desc, Legal_De_1	LegalDescription	TaxRoll
Parcels.shp	Legal_De_1	Concatenate Legal_Desc, Legal_De_1	LegalDescription	TaxRoll
Parcels.shp	Mkt_AV_Imp	Direct	MarketValueImprovements	TaxRoll
Parcels.shp	Mkt_AV_Lnd	Direct	MarketValueLand	TaxRoll
Parcels.shp	Mkt_AV_Tim	Direct	MarketValueTimberLand	TaxRoll
Parcels.shp	Owner_ID	Direct	NameCD	Name

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
Parcels.shp	Owner_Name	Direct; Owner	Name.Name	Name
Parcels.shp	Page	Concatenate: source, AF_Num, Book, Page	SourceDocumentReference	TaxRoll
Parcels.shp	PID	Direct	SourceParcelID	TaxRoll
Parcels.shp	PLU_Desc	Direct	SourceLandUseDescription	TaxRoll
Parcels.shp	Primary_LU	Direct	StateLandUseCode	StateLandUse, TaxRoll
Parcels.shp	Prop_Type	Concatenate Prop_Type, Sub_Type_D, Exempt_Cd, Exempt_Qua	TaxStatus	TaxRoll
Parcels.shp	Site_Addre	Remove Returns; Direct	SiteAddressFull	TaxRoll
Parcels.shp	Situs_City	Direct	SiteAddressCity	TaxRoll
Parcels.shp	Situs_Num	Direct	SiteAddressNumber	TaxRoll
Parcels.shp	Situs_St	Concatenate Situs_St_P, Situs_St, Situs_St_S	SiteAddressStreetFullName	TaxRoll
Parcels.shp	Situs_St	Direct	SiteAddressStreetName	TaxRoll
Parcels.shp	Situs_St_P	Concatenate Situs_St_P, Situs_St, Situs_St_S	SiteAddressStreetFullName	TaxRoll
Parcels.shp	Situs_St_P	Direct	SiteAddressStreetPrefix	TaxRoll
Parcels.shp	Situs_St_S	Direct	SiteAddressStreetType	TaxRoll
Parcels.shp	Situs_St_S	Concatenate Situs_St_P, Situs_St, Situs_St_S	SiteAddressStreetFullName	TaxRoll
Parcels.shp	Situs_Unit	Direct	SiteAddressUnitNumber	TaxRoll
Parcels.shp	source	Concatenate: source, AF_Num, Book, Page	SourceDocumentReference	TaxRoll
Parcels.shp	State	Direct	AddressState	Name
Parcels.shp	Sub_Type_D	Concatenate Prop_Type, Sub_Type_D, Exempt_Cd, Exempt_Qua	TaxStatus	TaxRoll
Parcels.shp	Tax_Code_A	Direct	TaxCodeArea	TaxRoll
Parcels.shp	Timber_AV	Direct	TaxableValueTimberLand	TaxRoll
Parcels.shp	Total_Mkt_	Direct	MarketValueTotal	TaxRoll
Parcels.shp	Ttl_Txbl_A	Direct	TaxableValueTotal	TaxRoll
Parcels.shp	Txbl_AV_Im	Direct	TaxableValueImprovements	TaxRoll
Parcels.shp	Txbl_AV_Ln	Direct	TaxableValueLand	TaxRoll
Parcels.shp	Zip	Direct	AddressZip	Name

Normalization Notes

Integration Date:	2012-05-17
Integration Notes:	<p>Five new fields in 2012: method, grade, Notes, BkPg, and AFN. The field OBJECTID was in the 2010 data but not in the 2012 data.</p> <p>In 2009 and 2010 we downloaded a file called 'chelan_PACS_property.dbf'. It was not used in either the 2009 or 2010 normalizations, and does not appear to be on the ftp server any longer. It was not downloaded in 2012.</p> <p>The source data file 'Parcels.shp' was processed with the 'Repair Geometry' tool in ArcGIS with the following results: Repaired 806 features because of self intersections</p> <p>Repaired the following feature because of incorrect ring ordering FID PARCEL_NO 40494 262116110050</p> <p>Attempted to repair the following because of self intersections. Resulted in features with Null geometry which were deleted FID PARCEL_NO 5658 282127609483 26758 232008540090 26759 232008540090 26760 232008540090 26761 232008540090 26762 232008540090 26763 232008540090 26829 232008542310 26830 232008542310 26831 232008542310 26832 232008542310 26833 232008542310 26834 232008542310</p> <p>Deleted features because of Null geometry FID PARCEL_NO 35159 241927120050 36332 251831440060</p>
QAQC Date:	2012-07-13
QAQC Notes:	<p>PolyID=404000000002; ProcessParcelFlattened=2; confirmed Parcels.shp contained 2 instances of Parcel_No=231913240220.</p> <p>PolyID=404000009152; ProcessParcelDuplicatesRemoved=2; Confirmed original Parcels.shp contained 2 polygons with Parcel_No=272210130350.</p> <p>PolyID=404000044357; ProcessParcelAggregated=3. Confirmed 2 slivers plus the main polygon with the same Parcel_No=271722566025 (3 total).</p> <p>NameID=404000003047; ProcessNameFlattened=3. Confirmed 3 records in Parcels.dbf with Parcel_Nos: PARCEL_NO 241932310100, PARCEL_NO 241932310370, PARCEL_NO 241932310150 (JONES FRUIT & PRODUCE INC).</p>

Clallam County -- 405

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Acquired Data Files

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
Various	Shapefile & CSV	2012-01-25	2011-10-12	NAD_1983_HARN_StatePlane_Washington_North_FIPS_4601_Feet	Files uploaded to WeTransfer by Jane Wise at Clallam County.
Various	Shapefile & CSV	2012-01-25	2012-01-25	NAD_1983_HARN_StatePlane_Washington_North_FIPS_4601_Feet	Files uploaded to WeTransfer by Jane Wise at Clallam County.
Various	Shapefile & CSV	2012-01-25	2012-01-25	NAD_1983_HARN_StatePlane_Washington_North_FIPS_4601_Feet	Files uploaded to WeTransfer by Jane Wise at Clallam County.

Acquired Tables

Table Name:	Source Data File Name:	Normalization Date
Clallam_Improvements_01232012.csv	Various	2012-03-23
Clallam_RPMaster_10232012.csv	Various	2012-03-23
par_active.shp	Various	2012-03-23

Normalization Process

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
Clallam_Improvements_01232012.csv	bathroom_count	Direct	NumberBathrooms	Improvement
Clallam_Improvements_01232012.csv	bedroom_count	Direct	NumberBedrooms	Improvement
Clallam_Improvements_01232012.csv	condition_cd	Direct	Condition	Improvement
Clallam_Improvements_01232012.csv	imprv_det_area	Direct	SquareFeetTotal	Improvement

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
Clallam_Improvements_01232012.csv	imprv_det_class_cd	Concatenate: imprv_det_type_cd, imprv_det_typ_desc, imprv_det_class_cd, imprv_det_cls_desc	Description	Improvement
Clallam_Improvements_01232012.csv	imprv_det_cls_desc	Concatenate: imprv_det_type_cd, imprv_det_typ_desc, imprv_det_class_cd, imprv_det_cls_desc	Description	Improvement
Clallam_Improvements_01232012.csv	imprv_det_sub_class_cd	Concatenate: imprv_det_sub_class_cd, imprv_det_sub_cls_desc	Quality	Improvement
Clallam_Improvements_01232012.csv	imprv_det_sub_cls_desc	Concatenate: imprv_det_sub_class_cd, imprv_det_sub_cls_desc	Quality	Improvement
Clallam_Improvements_01232012.csv	imprv_det_sub_cls_desc	Concatenate: imprv_det_type_cd, imprv_det_typ_desc, imprv_det_class_cd, imprv_det_cls_desc	Description	Improvement
Clallam_Improvements_01232012.csv	imprv_det_type_cd	Concatenate: imprv_det_type_cd, imprv_det_typ_desc, imprv_det_class_cd, imprv_det_cls_desc	Description	Improvement
Clallam_Improvements_01232012.csv	imprv_det_type_cd	Concatenate: imprv_det_type_cd, imprv_det_type_desc	SourceType	Improvement
Clallam_Improvements_01232012.csv	imprv_det_typ_desc	Concatenate: imprv_det_type_cd, imprv_det_type_desc	SourceType	Improvement
Clallam_Improvements_01232012.csv	yr_built	Direct	YearBuilt	Improvement
Clallam_RPMaster_10232012.csv	addr_city	Direct; owner	AddressCity	Name
Clallam_RPMaster_10232012.csv	addr_line1	Direct; owner	AddressLine1	Name
Clallam_RPMaster_10232012.csv	addr_line2	Direct; owner	AddressLine2	Name
Clallam_RPMaster_10232012.csv	addr_line3	Direct; owner	AddressLine3	Name
Clallam_RPMaster_10232012.csv	addr_state	Direct; owner	AddressState	Name

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
Clallam_RPMaster_10232012.csv	addr_zip	Direct; owner	AddressZip	Name
Clallam_RPMaster_10232012.csv	book_page	Concatenate: CDoc_AFN, CDoc_Type, D_Source, book_page	SourceDocumentReference	TaxRoll
Clallam_RPMaster_10232012.csv	file_name	Direct; owner	Name.Name	Name
Clallam_RPMaster_10232012.csv	legal_acreage	Direct	TabularAcres	TaxRoll
Clallam_RPMaster_10232012.csv	legal_desc	Direct	LegalDescription	TaxRoll
Clallam_RPMaster_10232012.csv	property_use_desc	Direct	SourceLandUseDescription	TaxRoll
Clallam_RPMaster_10232012.csv	prop_use_cd	left 2 characters; FME substring (0,1)	StateLandUseCode	StateLandUse, TaxRoll
Clallam_RPMaster_10232012.csv	site_addr#	Direct	SiteAddressNumber	TaxRoll
Clallam_RPMaster_10232012.csv	site_addr#	Concatenate: site_addr#, situs_street_prefix, situs_street, situs_street_suffix, situs_city, situs_state, situs_zip	SiteAddressFull	TaxRoll
Clallam_RPMaster_10232012.csv	situs_city	Direct	SiteAddressCity	TaxRoll
Clallam_RPMaster_10232012.csv	situs_city	Concatenate: site_addr#, situs_street_prefix, situs_street, situs_street_suffix, situs_city, situs_state, situs_zip	SiteAddressFull	TaxRoll
Clallam_RPMaster_10232012.csv	situs_state	Concatenate: site_addr#, situs_street_prefix, situs_street, situs_street_suffix, situs_city, situs_state, situs_zip	SiteAddressFull	TaxRoll
Clallam_RPMaster_10232012.csv	situs_street	Concatenate: situs_street_prefix, situs_street, situs_street_suffix	SiteAddressStreetFullName	TaxRoll
Clallam_RPMaster_10232012.csv	situs_street	Concatenate: site_addr#, situs_street_prefix, situs_street, situs_street_suffix, situs_city, situs_state, situs_zip	SiteAddressFull	TaxRoll
Clallam_RPMaster_10232012.csv	situs_street	Direct	SiteAddressStreetName	TaxRoll

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
Clallam_RPMaster_10232012.csv	situs_street_prefix	Direct	SiteAddressStreetPrefix	TaxRoll
Clallam_RPMaster_10232012.csv	situs_street_prefix	Concatenate: situs_street_prefix, situs_street, situs_street_suffix	SiteAddressStreetFullName	TaxRoll
Clallam_RPMaster_10232012.csv	situs_street_prefix	Concatenate: site_addr#, situs_street_prefix, situs_street, situs_street_suffix, situs_city, situs_state, situs_zip	SiteAddressFull	TaxRoll
Clallam_RPMaster_10232012.csv	situs_street_suffix	Direct	SiteAddressStreetSuffix	TaxRoll
Clallam_RPMaster_10232012.csv	situs_street_suffix	Concatenate: situs_street_prefix, situs_street, situs_street_suffix	SiteAddressStreetFullName	TaxRoll
Clallam_RPMaster_10232012.csv	situs_street_suffix	Concatenate: site_addr#, situs_street_prefix, situs_street, situs_street_suffix, situs_city, situs_state, situs_zip	SiteAddressFull	TaxRoll
Clallam_RPMaster_10232012.csv	situs_zip	Concatenate: site_addr#, situs_street_prefix, situs_street, situs_street_suffix, situs_city, situs_state, situs_zip	SiteAddressFull	TaxRoll
Clallam_RPMaster_10232012.csv	tax_area#	Direct	TaxCodeArea	TaxRoll
Clallam_RPMaster_10232012.csv	total_imps_mkt_val	Direct	MarketValueImprovements	TaxRoll
Clallam_RPMaster_10232012.csv	total_land_mkt_val	Direct	MarketValueLand	TaxRoll
Clallam_RPMaster_10232012.csv	total_market_val	Direct	MarketValueTotal	TaxRoll
Clallam_RPMaster_10232012.csv	total_taxable_val	Direct	TaxableValueTotal	TaxRoll
par_active.shp	CDoc_AFN	Concatenate: CDoc_AFN, CDoc_Type, D_Source, book_page	SourceDocumentReference	TaxRoll
par_active.shp	CDoc_Type	Concatenate: CDoc_AFN, CDoc_Type, D_Source, book_page	SourceDocumentReference	TaxRoll
par_active.shp	C_Date	Direct	SourceCreationDate	TaxRoll

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
par_active.shp	D_Source	Concatenate: CDoc_AFN, CDoc_Type, D_Source, book_page	SourceDocumentReference	TaxRoll
par_active.shp	PNUM	Direct	SourceParcelID	TaxRoll
par_active.shp	PNUM	FME Substring (0,1); concatenate with 'W'	Range	TaxRoll
par_active.shp	PNUM	FME Substring (2,3); concatenate with 'N'	Township	TaxRoll
par_active.shp	PNUM	FME Substring(4,5)	Section	TaxRoll
par_active.shp	PNUM	FME Substring(6,7)	QuarterSection	TaxRoll
par_active.shp	PROP_ID	Concatenate: 'http://vpn.clallam.net:8084/propertyaccess/Property.aspx?cid=0&year=2010&prop_id=', PROP_ID	AssessorURL	TaxRoll
par_active.shp	R_Date	Direct	SourceRevisionDate	TaxRoll
par_active.shp	Status	Direct	TaxStatus	TaxRoll

Normalization Notes

Integration Date:	2012-03-23
Integration Notes:	<p>par_active.shp in 2012 has the new field: TIDELANDS. It is missing the 2010 field: Part. The 2010 field Stack was renamed to Stacked.</p> <p>Clallam_RPMaster attributes were all renamed between 2010 and 2012 as below:</p> <ul style="list-style-type: none"> property id --> prop_id geo id --> geo_id prop use cd --> prop_use_cd prp use desc --> property_use_desc name --> file_name mail addr1 --> addr_line1 mail addr2 --> addr_line2 mail addr3 --> addr_line3 mail city --> addr_city mail st --> addr_state mail zip --> addr_zip situs street addr # --> site_addr# situs street prefix --> situs_street_prefix situs street --> situs_street situs street suffix --> situs_street_suffix situs city --> situs_city situs zip --> situs_zip tot imp mkt val --> totalimps_mkt_val tot land mkt val --> total_land_mkt_val tot mkt val --> total_market_val tot taxable val --> total_taxable_val tax area --> tax_area# tca desc --> astca_descript abs subdiv cd --> abs_subdv_cd block --> block tract or lot --> tract_or_lot book pg --> book_page legal acreage --> legal_acreage

legal desc --> legal_desc

In 2012, Clallam_RPMaster also has a new attribute: situs_state.

Problems with Clallam_RPMaster_10232012.csv. There are records split across multiple lines with inappropriately placed commas and spaces, that need to be combined into single lines.

Perhaps this is the result of a newline character in one of the fields, and an output script creating fixed width csv files. The following records had lines recombined:

prop_id	geo_id	line_number
18600	0330085801600000	4221
20201	0330186104003405	5341
81729	0330342204650000	10965
48920	0530091400102001	22823
57586	0630000193400000	28875
81292	0630225012500000	39238
81296	0830112300200000	43328
82334	1532052400000000	54462
81304	3830241255940000	56342

Also, these edits were made to Clallam_RPMaster_10232012.csv:

Line 2 (all '-') between the header row and the data was removed.

Line 45488 ',,,,,,,,,,,,,,,,,,,,,,,,,,,,,' between PROP_ID 79953 and PROP_ID 79955 was removed.

Line 45912 'P78,,,,,,,,,,,,,,,,,,,,,,,,,,,,,' between PROP_ID 1106 and PROP_ID 1108 had 'P78' moved to the end of the previous line, and ',,,,,,,,,,,,,,,,,,,,,,,,,,,,,' removed.

Line 56990 'STATE ASSESS,ED UTILITY K90,,,,,,,,,,,,,,,,,,,,,,,,,,,,,' between PROP_ID 79021 and PROP_ID 79023 had 'STATE ASSESSED UTILITY K90' moved to the end of the previous line and ',,,,,,,,,,,,,,,,,,,,,,,,,,,,,' removed.

Line 56996 ',,,,,,,,,,,,,,,,,,,,,,,,,,,,,' after PROP_ID 79011 was removed.

Line 56997 '(56992 row(s.) affected),,,,,,,,,,,,,,,,,,,,,,,,,,,,,,' after PROP_ID 79011 was removed.

Problems with Clallam_Improvements_01232012.csv. There are records split across multiple lines with inappropriately placed commas and spaces, that need to be combined into single lines. Perhaps this is the result of a newline character in one of the fields, and an output script creating fixed width csv files. The following records had lines recombined:

prop_id	geo_id	line number
20201	0330186104003405	16283
20201	0330186104003405	16284
57586	0630000193400000	61559
81292	0630225012500000	90995
81292	0630225012500000	90996
81292	0630225012500000	90997

Geometry:

parcel with PNUM value: '000universe' was not entered into the PARCELBOUNDARY feature class.

the source shapefile was pre-processed using the Repair Geometry tool in ArcGIS 10. The following polygons had self-intersections and were repaired:

FID PNUM PROP_ID
2477 033005129100 16599
2478 033005129110 16600
2479 033005129120 16601
2480 033005129130 16602
2481 033005129140 16603
2482 033005129150 16604
2591 033005439150 16765
2593 033005439170 16770
2597 033005500098 16775
2598 033005500100 16776
2600 033005500104 16780
2628 033005500140 16809
2633 033005500148 16814
2646 033005500210 16830
2648 033005500240 16834
2649 033005500250 16835
2655 033005500400 16844

	2660 033005500510 16853 2662 033005500570 81878 2664 033005500630 16857 2688 033005511000 16917 2690 033005511004 16919 2704 033005511050 16939 2705 033005511054 16940 2710 033005511070 16945
QAQC Date:	2012-07-13
QAQC Notes:	<p>PolyID=405000000001; ProcessParcelFlattened=2; confirmed 2 parcel records for same polygon; PNUM=033028440100. PolyID=405000002491; ProcessParcelFlattened=3; confirmed 3 parcel records for same polygon; PNUM=132916418020.</p> <p>PolyID=405000052022; ProcessParcelAggregated=3. Confirmed 3 adjacent polygons in source file par_active.shp with the same PNUM: 043013330025.</p> <p>PolyID=405000002741; ProcessParcelDuplicatesRemoved=2. Confirmed 2 instances of PNUM=133036310000 in source shapefile (par_active.shp).PolyID=405000000913; ProcessParcelDuplicatesRemoved=4. Confirmed 4 records with PNUM=033019650040 as well as PropID=80926 in source data fiel (par_active.dbf).</p> <p>NameID=405000001773; ProcessNameFlattened=4. Confirmed 4 records in source data (Clallam_RPMaster_10232012.csv) with same name (BLAINE E WOODARD); prop_id: 75980,75981,76091, 76090).</p>

Clark County -- 406

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Acquired Data Files

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
AssrData.mdb	MDB	2012-02-14	2012-02-14	N/A	received on DVD in mail from: Clifton McCarley on: Feb 14 2012

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
AssrData.mdb	MDB	2012-02-14	2012-02-14	N/A	received on DVD in mail from: Clifton McCarley on: Feb 14 2012
AssrData.mdb	MDB	2012-02-14	2012-02-14	N/A	received on DVD in mail from: Clifton McCarley on: Feb 14 2012
AssrData.mdb	MDB	2012-02-14	2012-02-14	N/A	received on DVD in mail from: Clifton McCarley on: Feb 14 2012
taxlots.shp	Shapefile	2012-02-09	2012-02-09	NAD_1983_StatePlane_Washington_South_FIPS_4602_Feet	downloaded from: ftp://ftp.clark.wa.gov/pub/GIS/UWForestry/ also downloaded zoning.shp and zover.shp

Acquired Tables

Table Name:	Source Data File Name:	Normalization Date
PropBldgSumInfoVw	AssrData.mdb	2012-03-29
PropImpDetailAttrVw	AssrData.mdb	2012-03-29
PropImpDetailVw	AssrData.mdb	2012-03-29
PropImprvVw	AssrData.mdb	2012-03-29
taxlots.shp	taxlots.shp	2012-03-29

Normalization Process

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
PropBldgSumInfoVw	Bedrooms	Direct	NumberBedrooms	Improvement
PropBldgSumInfoVw	BldgStyle	Concatenate: PropBldgSumInfoVw.BldgStyle, PropImprvVw.imprv_desc	Description	Improvement
PropBldgSumInfoVw	Class	Direct	Quality	Improvement
PropBldgSumInfoVw	Condition	Direct	Condition	Improvement
PropBldgSumInfoVw	FullBaths	FullBaths + (0.5 * HalfBaths) + (0.75 * ThrQtrsBaths)	NumberBathrooms	Improvement
PropBldgSumInfoVw	HalfBaths	FullBaths + (0.5 * HalfBaths) + (0.75 * ThrQtrsBaths)	NumberBathrooms	Improvement
PropBldgSumInfoVw	ThrQtrsBaths	FullBaths + (0.5 * HalfBaths) + (0.75 * ThrQtrsBaths)	NumberBathrooms	Improvement
PropBldgSumInfoVw	YrBlt	Direct	YearBuilt	Improvement
PropImpDetailAttrVw	ImpAttrVal	Direct if 'ImpAttr' = 'Foundation'	FoundationType	Improvement

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
PropImpDetailAttrVw	ImpAttrVal	Concatenate 'EXT WALL' and 'Exterior Wall' if 'ImpAttr' = 'EXT WALL' or 'Exterior Wall'	SidingMaterial	Improvement
PropImpDetailAttrVw	ImpAttrVal	Concatenate 'ROOF COVER' and 'Roof Covering' if 'ImpAttr' = 'ROOF COVER' or 'Roof Covering'	RoofMaterial	Improvement
PropImpDetailVw	ImpDetSqFt	Sum of ImpDetSqFt values for each ImpID when ImpDetTypeCd is: BSMT, BSMTGAR, DAYFNBSMT, DAYUNFBSMT, FINBSMT, FNBSMT, MHBSMTGAR, MHDFBSMT, MHUFBSMT, MHFNBSMT, MHUNFBSMT, UNFBMST	SquareFeetBasement	Improvement
PropImpDetailVw	ImpDetSqFt	Sum of ImpDetSqFt values for each ImpID when ImpDetTypeCd is: ATTGAR, BUILTINGAR, GA, GARAGE, MA, MH, MHATTGAR, MHLTINGAR, PC, PE, PORCH	SquareFeetFootprint	Improvement
PropImpDetailVw	ImpDetSqFt	Sum of ImpDetSqFt values for each ImpID when ImpDetTypeCd is: ATTGAR, BSMTGAR, BUILTINGAR, CARPORT, GA, GARAGE, MHATTGAR, MHLTINGAR, MHBSMTGAR, MHCARPORT	SquareFeetGarage	Improvement
PropImpDetailVw	ImpDetSqFt	Sum of ImpDetSqFt values for each ImpID when ImpDetTypeCd is: ATTGAR, BSMT, BSMTGAR, BUILTINGAR, DAYFNBSMT, DAYUNFBSMT, FINBSMT, FNBSMT, GA, GARAGE, MA, MA2, MA3, MH, MHATTGAR, MHLTINGAR, MHBSMTGAR, MHDFBSMT, MHUFBSMT, MHFNBSMT, MHUNFBSMT, PC, PE, PORCH, UNFBMST	SquareFeetTotal	Improvement
PropImpDetailVw	ImpDetStories	sum of all ImpDetStories values for each ImpID value	NumberStories	Improvement
PropImprvVw	CntyImprvType	Direct	Type	Improvement
PropImprvVw	ImpID	Direct	SourceImprovementID	Improvement
PropImprvVw	imprv_desc	Concatenate: PropBldgSumInfoVw.BldgStyle, PropImprvVw.imprv_desc	Description	Improvement
taxlots.shp	ADDRS	Direct	AddressLine2	Name
taxlots.shp	ASSR_AC	Direct	TabularAcres	TaxRoll
taxlots.shp	BLDGSQFT	Direct	SquareFeetTotal	Improvement
taxlots.shp	BLDGTYPE	Direct	Type	Improvement
taxlots.shp	BLDVL	Direct	TaxableValueImprovements	TaxRoll
taxlots.shp	CITY	Direct	AddressCity	Name
taxlots.shp	CODE	Direct	TaxCodeArea	TaxRoll
taxlots.shp	CROF	Direct	AddressLine1	Name

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
taxlots.shp	HSNBR	Direct	SiteAddressNumber	TaxRoll
taxlots.shp	IMPAC	Direct	ImprovedAcres	TaxRoll
taxlots.shp	IMPLDVL	Direct	TaxableValueImprovedLand	TaxRoll
taxlots.shp	LANDVAL	Direct	TaxableValueLand	TaxRoll
taxlots.shp	LEGAL	Direct	LegalDescription	TaxRoll
taxlots.shp	OWNER	Direct; Owner	Name.Name	Name
taxlots.shp	OWNSRT	Direct	NameCD	Name
taxlots.shp	OWN_TYPE	Direct	OwnerType	TaxRoll
taxlots.shp	PT1	Use LandUse_CLAR_Crosswalk	StateLandUseCode	StateLandUse, TaxRoll
taxlots.shp	PT1DESC	Direct	SourceLandUseDescription	TaxRoll
taxlots.shp	SERIAL_NUM	Direct	SourceParcelID	TaxRoll
taxlots.shp	SITADDRS	Direct	SiteAddressFull	TaxRoll
taxlots.shp	STADDRS	Direct	SiteAddressStreetFullName	TaxRoll
taxlots.shp	STATE	Direct	AddressState	Name
taxlots.shp	STCITY	Direct	SiteAddressCity	TaxRoll
taxlots.shp	STDIR	Direct	SiteAddressStreetPrefix	TaxRoll
taxlots.shp	STNAME	Direct	SiteAddressStreetName	TaxRoll
taxlots.shp	STYPE	Direct	SiteAddressStreetType	TaxRoll
taxlots.shp	TOTPROP	Direct	TaxableValueTotal	TaxRoll
taxlots.shp	UNIMPAC	Direct	UnimprovedAcres	TaxRoll
taxlots.shp	UNIMPLDVL	Direct	TaxableValueUnimprovedLand	TaxRoll
taxlots.shp	YRBLT	Direct	YearBuilt	Improvement
taxlots.shp	ZIP1	Direct	AddressZip	Name

Normalization Notes

Integration Date:	2012-03-29
Integration Notes:	Source data is the same as 2010.
QAQC Date:	2012-07-16
QAQC Notes:	PolyID=406000000554; ProcessParcelFlattened=2; confirmed 2 polygons on source data (taxlots.shp). Parcels_ID=66837 & 156199.

PolyID=406000152506; ProcessParcelAggregated=2; Confirmed 2 identical records in source data (taxlots.dbf). Parcels_ID=145909, 149056.

NameID=406000000245; ProcessNameFlattened=3. Confirmed three records in source data(taxlots.dbf). Parcels_ID=145225,142386, 113605.

Normalization Process -- Attribute Value Translation

Original Field (PT1) Value	Normalized Field (StateLandUseCode) Value
0	0
2	18
7	18
10	11
11	11
12	12
13	18
14	18
15	18
16	18
17	14
18	18
19	18
20	18
21	12
22	12
23	13
24	13
25	13
26	13
27	13
28	13
29	13
30	12
31	11
32	12
33	12
35	13
37	17
38	18
39	18
70	18
71	18

Original Field (PT1) Value	Normalized Field (StateLandUseCode) Value
72	15
73	18
75	18
77	15
78	15
79	18
80	18
81	18
82	18
83	18
85	68
88	18
90	19
91	18
92	19
96	75
100	93
101	93
102	93
103	93
104	44
106	93
107	93
108	99
109	93
110	45
111	45
112	45
113	45
114	45
115	45
116	45
118	45
130	88
131	88
134	88
151	99
152	84
170	89
171	89
172	89

Original Field (PT1) Value	Normalized Field (StateLandUseCode) Value
173	89
175	89
179	59
182	85
190	66
193	66
194	46
200	59
201	59
202	59
203	42
204	42
205	69
206	69
211	69
212	69
213	69
250	39
251	21
252	22
253	23
254	24
255	25
256	26
257	27
258	28
261	30
262	31
263	32
264	33
265	34
266	36
267	37
271	39
273	39
279	39
280	39
401	49
402	49
403	41
411	41

Original Field (PT1) Value	Normalized Field (StateLandUseCode) Value
430	44
431	44
432	44
433	44
434	44
437	44
440	43
441	43
442	43
460	47
461	47
463	47
464	47
470	48
471	48
472	48
473	48
480	48
481	48
482	48
490	48
491	48
492	48
501	51
506	51
511	18
512	18
513	18
515	18
516	18
517	18
518	18
521	29
531	39
532	39
600	59
601	53
602	53
604	53
611	53
612	53

Original Field (PT1) Value	Normalized Field (StateLandUseCode) Value
613	53
615	53
618	53
621	51
623	59
624	59
630	55
631	55
632	55
633	55
635	59
636	55
638	55
639	59
660	58
661	58
662	58
663	58
664	0
670	69
671	69
673	0
682	0
683	0
700	69
701	69
702	69
703	69
704	0
705	69
706	69
707	69
708	69
710	61
721	69
740	46
741	46
742	46
743	46
744	46
750	64

Original Field (PT1) Value	Normalized Field (StateLandUseCode) Value
751	64
752	64
754	64
755	64
757	69
758	69
759	69
760	64
771	69
800	67
801	69
811	72
812	79
813	75
820	68
821	68
822	68
823	68
824	68
825	68
826	68
827	68
828	68
832	67
835	71
840	67
841	67
843	67
844	67
845	67
850	67
860	72
861	72
862	79
863	72
864	72
871	79
872	79
881	16
882	16
883	18

Original Field (PT1) Value	Normalized Field (StateLandUseCode) Value
884	18
885	18
886	15
900	0
902	73
904	72
905	73
921	44
922	44
923	44
924	44
925	79
927	99
931	79
932	73
934	74
935	74
936	74
938	74
941	76
942	76
943	76
944	79
945	79
946	74
947	74
949	74
951	79
952	79
961	75
962	75
963	79
971	79
972	79
973	79
974	99
981	72
982	73
983	73
984	73
985	79

Original Field (PT1) Value	Normalized Field (StateLandUseCode) Value
986	79
987	73
988	79
989	99
990	91
991	91
992	92
993	91
994	91
995	91
996	91
997	91
998	91
999	99

Columbia County -- 407

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Acquired Data Files

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
MERGED PARCELS AUG 2012.shp	Shapefile	2013-03-12	2013-01-03	NAD83 Washington State Planes, Southern Zone, US Foot	Uploaded to the WAGIS website by Lisa Benzel.

Acquired Tables

Table Name:	Source Data File Name:	Normalization Date
MERGED PARCELS AUG 2012.shp	MERGED PARCELS AUG 2012.shp	2013-03-13

Normalization Process

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
MERGED PARCELS AUG 2012.shp	Acres	Direct	TabularAcres	TaxRoll
MERGED PARCELS AUG 2012.shp	Building_V	Direct	TaxableValueImprovements	TaxRoll
MERGED PARCELS AUG 2012.shp	City	Direct	SiteAddressCity	TaxRoll
MERGED PARCELS AUG 2012.shp	City	Concatenate: (Physical_A or (situs_num, situs_st_p, situs_st, situs_st_s)) and City	SiteAddressFull	TaxRoll
MERGED PARCELS AUG 2012.shp	Owner_1	Direct	Name.Name	Name
MERGED PARCELS AUG 2012.shp	Owner_2	Direct	AddressLine1	Name
MERGED PARCELS AUG 2012.shp	PARCELNO	Direct	SourceParcelID	TaxRoll
MERGED PARCELS AUG 2012.shp	Physical_A	Concatenate: (Physical_A or (situs_num, situs_st_p, situs_st, situs_st_s)) and City	SiteAddressFull	TaxRoll
MERGED PARCELS AUG 2012.shp	PROP_ID	Direct	TaxAccountID	TaxRoll
MERGED PARCELS AUG 2012.shp	PROP_ID	Concatenate: http://65.101.17.251/PropertyAccess/Property.aspx?cid=0&year=2012&prop_id=, PROP_ID	AssessorURL	TaxRoll
MERGED PARCELS AUG 2012.shp	RNGE	If between 37 and 41 concatenate with 'E', else Null	Range	TaxRoll
MERGED PARCELS AUG 2012.shp	SECT	Direct if between 1 and 36, else Null	Section	TaxRoll
MERGED PARCELS AUG 2012.shp	Short_Lega	Direct	LegalDescription	TaxRoll
MERGED PARCELS AUG 2012.shp	situs_num	Direct	SiteAddressNumber	TaxRoll
MERGED PARCELS AUG 2012.shp	situs_num	Concatenate: (Physical_A or (situs_num, situs_st_p, situs_st, situs_st_s)) and City	SiteAddressFull	TaxRoll
MERGED PARCELS AUG 2012.shp	situs_st	Direct	SiteAddressStreetName	TaxRoll
MERGED PARCELS AUG 2012.shp	situs_st	Concatenate: (Physical_A or (situs_num, situs_st_p, situs_st, situs_st_s)) and City	SiteAddressFull	TaxRoll

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
MERGED PARCELS AUG 2012.shp	situs_st	Concatenate: situs_st_p, situs_st, situs_st_s	SiteAddressStreetFullName	TaxRoll
MERGED PARCELS AUG 2012.shp	situs_st_p	Direct	SiteAddressStreetPrefix	TaxRoll
MERGED PARCELS AUG 2012.shp	situs_st_p	Concatenate: (Physical_A or (situs_num, situs_st_p, situs_st, situs_st_s)) and City	SiteAddressFull	TaxRoll
MERGED PARCELS AUG 2012.shp	situs_st_p	Concatenate: situs_st_p, situs_st, situs_st_s	SiteAddressStreetFullName	TaxRoll
MERGED PARCELS AUG 2012.shp	situs_st_s	Direct	SiteAddressStreetSuffix	TaxRoll
MERGED PARCELS AUG 2012.shp	situs_st_s	Concatenate: (Physical_A or (situs_num, situs_st_p, situs_st, situs_st_s)) and City	SiteAddressFull	TaxRoll
MERGED PARCELS AUG 2012.shp	situs_st_s	Concatenate: situs_st_p, situs_st, situs_st_s	SiteAddressStreetFullName	TaxRoll
MERGED PARCELS AUG 2012.shp	Tax_Code_A	Direct	TaxCodeArea	TaxRoll
MERGED PARCELS AUG 2012.shp	TWSP	If between 7 and 13 concatenate with 'N', else Null	Township	TaxRoll
MERGED PARCELS AUG 2012.shp	USE	If begins with 01 or 02, Direct	TaxStatus	TaxRoll
MERGED PARCELS AUG 2012.shp	USE	If doesn't begin with 01 or 02, FME substring(0,1)	StateLandUseCode	StateLandUse, TaxRoll
MERGED PARCELS AUG 2012.shp	USE	If doesn't begin with 01 or 02, Direct	SourceLandUseDescription	TaxRoll

Normalization Notes

Integration Date:	2013-03-13
Integration Notes:	<p>This is the 2012 normalization.</p> <p>2010 Fields renamed in 2012: Address --> Physical_A Owner --> Owner_1</p> <p>New Fields in 2012: Join_Count, TEXT_ANGLE, TEXT_SIZE, CalcAcres, Shape_Leng, Shape_Area, City, Subdiv, Tax_Code_A, USE, TWSP, RNGE, SECT, Reval_Area, Short_Lega, Acres, Building_V, Owner_2, PROP_ID, situs_st_p, situs_st, situs_st_s, situs_num, Insp_Zones</p> <p>The source shapefile was processed with the ArcGIS Repair geometry tool. 15 Features were deleted because they could not be repaired; the tool reported the error: "The coordinates or measures are out of bounds".</p>

	<p>The check geometry tool reported a different error for these features: "incorrect segment orientation".</p> <p>The deleted features were:</p> <p>FID: 454, OBJECTID: 592, PARCELNO: 2-011-38-014-8000 FID: 466, OBJECTID: 609, PARCELNO: 2-011-38-027-0000 FID: 537, OBJECTID: 685, PARCELNO: 2-011-39-036-1001 FID: 959, OBJECTID: 1494, PARCELNO: 2-011-40-032-2700 FID: 1217, OBJECTID: 2139, PARCELNO: 2-011-38-033-2001 FID: 1303, OBJECTID: 2321, PARCELNO: 2-011-38-002-7401 FID: 1541, OBJECTID: 2716, PARCELNO: 2-010-40-003-2001 FID: 1743, OBJECTID: 3164, PARCELNO: 2-010-39-030-7771 FID: 5040, OBJECTID: 0, PARCELNO: 2-010-39-004-4002 FID: 5060, OBJECTID: 0, PARCELNO: 2-010-40-004-2503 FID: 5062, OBJECTID: 0, PARCELNO: 2-010-40-004-4703 FID: 5083, OBJECTID: 0, PARCELNO: 2-010-40-011-6603 FID: 5099, OBJECTID: 0, PARCELNO: 2-011-37-022-6002 FID: 5312, OBJECTID: 0, PARCELNO: 2-009-39-003-1803 FID: 5358, OBJECTID: 0, PARCELNO: 2-010-37-024-2702</p> <p>48 features were repaired for self-intersections.</p>
QAQC Date:	N/A
QAQC Notes:	N/A

Cowlitz County -- 408

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Acquired Data Files

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
Cowlitz_GIS_Data	ESRI Personal Geodatabase	2012-05-07	2012-05-07	NAD_1983_StatePlane_Washington_South_FIPS_4602_Feet	Downloaded from Cowlitz County Assessor website: http://www.cowlitzinfo.net/applications/cowlitzassessorparcelsearch/ using Python script: 2012_GetCowlitzAttributes_Threated.py
Cowlitz_GIS_Data	ESRI Personal Geodatabase	2012-05-07	2012-05-07	NAD_1983_StatePlane_Washington_South_FIPS_4602_Feet	Downloaded from Cowlitz County Assessor website: http://www.cowlitzinfo.net/applications/cowlitzassessorparcelsearch/ using Python

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
					script: 2012_GetCowlitzAttributes_Threaded.py

Acquired Tables

Table Name:	Source Data File Name:	Normalization Date
Attributes	Cowlitz_GIS_Data	2012-08-01
Parcels	Cowlitz_GIS_Data	2012-08-01

Normalization Process

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
Attributes	MailingAddress1	Direct	AddressLine1	Name
Attributes	MailingAddress2	Split on ','; Split _list1{1} on ' _list1{0} --> AddressCity _list2{0} --> AddressState _list2{1} --> AddressZip	AddressCity	Name
Attributes	MailingAddress2	Split on ','; Split _list1{1} on ' _list1{0} --> AddressCity _list2{0} --> AddressState _list2{1} --> AddressZip	AddressState	Name
Attributes	MailingAddress2	Split on ','; Split _list1{1} on ' _list1{0} --> AddressCity _list2{0} --> AddressState _list2{1} --> AddressZip	AddressZip	Name
Attributes	Owner	Direct; Owner	Name.Name	Name
Parcels	ABBR_LEGAL	Direct	LegalDescription	TaxRoll
Parcels	ABBR_LEGAL	If contains 'SECT,TWN,RNG' split on 'SECT,TWN,RNG:' split _list1{1} on ' ' split _list2{0} on '-' list3{0} --> section list3{1} --> township list3{2} --> range	Township	TaxRoll
Parcels	ACCOUNTNO	Direct	TaxAccountID	TaxRoll
Parcels	ACCOUNTNO	Concatenate: 'http://www.cowlitzinfo.net/applications/cowlitzassessorparcelsearch/ParcelData.aspx?Account=', ACCOUNTNO	AssessorURL	TaxRoll
Parcels	ACRES_MARKET	Use second. If ACRES_TOTAL is Null/blank, Direct	TabularAcres	TaxRoll
Parcels	ACRES_TOTAL	Use first. Direct. If this is Null/blank use ACRES_MARKET	TabularAcres	TaxRoll

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
Parcels	IMPR_ASSESSED_VALUE	Direct	TaxableValueImprovements	TaxRoll
Parcels	IMPR_MARKET_VALUE	Direct	MarketValueImprovements	TaxRoll
Parcels	LAND_ASSESSED_VALUE	Direct	TaxableValueLand	TaxRoll
Parcels	LAND_MARKET_VALUE	Direct	MarketValueLand	TaxRoll
Parcels	MAP_NUMBER	Direct	SourceDocumentReference	TaxRoll
Parcels	PARCNO	Direct	SourceParcelID	TaxRoll
Parcels	SITUS_CITY	Direct	SiteAddressCity	TaxRoll
Parcels	SITUS_CITY	Concatenate: SITUS_STREET_NUMBER, SITUS_STREET_DIRECTION, SITUS_STREET_NAME, SITUS_STREET_SUFFIX, SITUS_STREET_UNIT, SITUS_CITY, SITUS_ZIP_CODE	SiteAddressFull	TaxRoll
Parcels	SITUS_STREET_DIRECTION	Direct	SiteAddressStreetPrefix	TaxRoll
Parcels	SITUS_STREET_DIRECTION	Concatenate: SITUS_STREET_NUMBER, SITUS_STREET_DIRECTION, SITUS_STREET_NAME, SITUS_STREET_SUFFIX, SITUS_STREET_UNIT, SITUS_CITY, SITUS_ZIP_CODE	SiteAddressFull	TaxRoll
Parcels	SITUS_STREET_DIRECTION	Concatenate: SITUS_STREET_DIRECTION, SITUS_STREET_NAME, SITUS_STREET_SUFFIX	SiteAddressStreetFullName	TaxRoll
Parcels	SITUS_STREET_NAME	Direct	SiteAddressStreetName	TaxRoll
Parcels	SITUS_STREET_NAME	Concatenate: SITUS_STREET_NUMBER, SITUS_STREET_DIRECTION, SITUS_STREET_NAME, SITUS_STREET_SUFFIX, SITUS_STREET_UNIT, SITUS_CITY, SITUS_ZIP_CODE	SiteAddressFull	TaxRoll
Parcels	SITUS_STREET_NAME	Concatenate: SITUS_STREET_DIRECTION, SITUS_STREET_NAME, SITUS_STREET_SUFFIX	SiteAddressStreetFullName	TaxRoll

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
Parcels	SITUS_STREET_NUMBER	Direct	SiteAddressNumber	TaxRoll
Parcels	SITUS_STREET_NUMBER	Concatenate: SITUS_STREET_NUMBER, SITUS_STREET_DIRECTION, SITUS_STREET_NAME, SITUS_STREET_SUFFIX, SITUS_STREET_UNIT, SITUS_CITY, SITUS_ZIP_CODE	SiteAddressFull	TaxRoll
Parcels	SITUS_STREET_SUFFIX	Direct	SiteAddressStreetType	TaxRoll
Parcels	SITUS_STREET_SUFFIX	Concatenate: SITUS_STREET_NUMBER, SITUS_STREET_DIRECTION, SITUS_STREET_NAME, SITUS_STREET_SUFFIX, SITUS_STREET_UNIT, SITUS_CITY, SITUS_ZIP_CODE	SiteAddressFull	TaxRoll
Parcels	SITUS_STREET_SUFFIX	Concatenate: SITUS_STREET_DIRECTION, SITUS_STREET_NAME, SITUS_STREET_SUFFIX	SiteAddressStreetFullName	TaxRoll
Parcels	SITUS_STREET_UNIT	Direct	SiteAddressUnitNumber	TaxRoll
Parcels	SITUS_STREET_UNIT	Concatenate: SITUS_STREET_NUMBER, SITUS_STREET_DIRECTION, SITUS_STREET_NAME, SITUS_STREET_SUFFIX, SITUS_STREET_UNIT, SITUS_CITY, SITUS_ZIP_CODE	SiteAddressFull	TaxRoll
Parcels	SITUS_ZIP_CODE	Concatenate: SITUS_STREET_NUMBER, SITUS_STREET_DIRECTION, SITUS_STREET_NAME, SITUS_STREET_SUFFIX, SITUS_STREET_UNIT, SITUS_CITY, SITUS_ZIP_CODE	SiteAddressFull	TaxRoll
Parcels	TAXCODE	Direct	TaxCodeArea	TaxRoll
Parcels	TAX_STATUS	Direct	TaxStatus	TaxRoll
Parcels	USE_CODE	Use LandUse_COWL_Crosswalk	StateLandUseCode	StateLandUse, TaxRoll
Parcels	USE_CODE_DESCRIPTION	Direct	SourceLandUseDescription	TaxRoll

Normalization Notes

Integration Date:	2012-08-01
Integration Notes:	<p>No owner data was provided by the county this year, so a Python script was used to download owner information from the Assessor's website.</p> <p>There are 17 parcels with NULL geometries the source geodatabase downloaded from the county website. These were not normalized. One did not have an ACCOUNTNO value, but it had a PARCNO value of 'WB'. The other 16 parcels had ACCOUNTNO values: R000463, R000766, R006648, R006924, R008535, R014278, R036723, R042837, R043307, R048694, R050437, R050443, R089281, R090435, R090570, R091796.</p> <p>Parcel with PARCNO value:625740239 and ACCOUNTNO value:R046643 is self-intersecting on the NW corner. The vertices are out of order and it overlaps itself. This was repaired in FME.</p>
QAQC Date:	2012-08-01
QAQC Notes:	<p>PolyId=408000000336; ProcessParcelFlattened=3; confirmed 3 matching polygons in source data (Parcels.shp); source parcel Id's PARCNO: 091500023, 091500048, 091500035. Parcel flattened correctly.</p> <p>PolyID=408000055456; ProcessParcelAggregated=3; confirmed 3 polygons in source data (Parcels.shp) with the same source parcel id (PARCNO=EV3501003). Parcels aggregated correctly.</p> <p>PolyID=408000037483; ProcessDuplicatesRemoved=2; confirmed 2 records in source data (Parcels.shp and CowlitzCountyPublicParcelData.mdb) with identical polygons. Duplicates removed correctly.</p> <p>NameID=408000005104; ProcessNameFlattened=4; confirmed 4 records with matching owner info in the source data (Cowlitz_GIS_Data.mdb - Attributes); source parcel ID's (PIN): R006871, R006563, R032042, R006866.Names flattened correctly.</p>

Normalization Process -- Attribute Value Translation

Original Field (USE_CODE) Value	Normalized Field (StateLandUseCode) Value
100	18
101	11
102	12
104	12
106	13
107	13
108	13
111	18
114	14
115	15
116	16
117	17
119	19

Original Field (USE_CODE) Value	Normalized Field (StateLandUseCode) Value
120	18
121	18
221	21
223	23
224	24
225	25
226	26
228	28
229	29
230	39
231	30
232	32
233	33
234	34
236	24
237	39
238	39
239	39
240	39
401	41
403	43
405	45
444	44
446	46
448	48
449	47
450	48
500	59
501	59
502	51
503	53
504	54
505	55
508	58
509	58
510	58
601	63
604	64
607	67
608	68
609	69

Original Field (USE_CODE) Value	Normalized Field (StateLandUseCode) Value
610	69
702	72
704	74
705	75
706	76
707	79
708	79
803	83
804	84
806	88
807	95
808	88
810	88
811	95
901	91
902	91
903	91
904	91
905	91
906	91
907	91
908	93
909	91

Douglas County -- 409

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Acquired Data Files

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
2012File.dbf	DBF	2012-02-08	2012-02-08	NA	downloaded from: ftp://ftp.douglascou

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
					ntywa.net/Downloads/ Assessor_File/ Do uglas appears to put the current year's Assessor dbf files on their ftp site in mid-February
Various	Shapefile & DBF	2012-02-02	2012-01-04	NAD_1983_StatePlane_ Washington_North_FIP S_4601_Feet	parcels_address_regi on.shp and dc_address_pts.shp downloaded from: ftp://ftp.douglascou ntywa.net/Downloads/ 2011File.dbf downloaded from: ftp://ftp.douglascou ntywa.net/Downloads/ Assessor_File/

Acquired Tables

Table Name:	Source Data File Name:	Normalization Date
2012File.dbf	2012File.dbf	2012-05-17
parcels_address_region.shp	Various	2012-05-17

Normalization Process

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
2012File.dbf	BOOK_&_PA	Concatenate SOURCE, BOOK_&_PA, MAP_#	SourceDocumentR eference	TaxRoll
2012File.dbf	EXEMPTION	Concatenate PROPERTY1, EXEMPTION, EXEMPT_AM	TaxStatus	TaxRoll
2012File.dbf	EXEMPT_AM	Concatenate PROPERTY1, EXEMPTION, EXEMPT_AM	TaxStatus	TaxRoll
2012File.dbf	IMPR_MARK	Direct	MarketValueImpr ovements	TaxRoll
2012File.dbf	IMPR_USE	Direct	TaxableValueImp rovements	TaxRoll
2012File.dbf	LAND_MARK	Direct	MarketValueLand	TaxRoll
2012File.dbf	LAND_USE	Direct	TaxableValueLan d	TaxRoll
2012File.dbf	MAP_#	Concatenate SOURCE, BOOK_&_PA, MAP_#	SourceDocumentR eference	TaxRoll
2012File.dbf	MAP_#	First two (left) characters; FME substring extract (0,1)	Township	TaxRoll
2012File.dbf	MAP_#	Second two (left) characters; FME substring extract (3,4)	Range	TaxRoll
2012File.dbf	MAP_#	Third two (left) characters; FME substring extract. May be after a '-'	Section	TaxRoll

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
2012File.dbf	PARCEL_#	Direct	SourceParcelID	TaxRoll
2012File.dbf	PERM_CRO1	Direct	TaxableValueCrop	TaxRoll
2012File.dbf	PERM_CROP	Direct	MarketValueCrop	TaxRoll
2012File.dbf	PROPERTY1	Concatenate PROPERTY1, EXEMPTION, EXEMPT_AM	TaxStatus	TaxRoll
2012File.dbf	SITUS	Direct	SiteAddressFull	TaxRoll
2012File.dbf	SITUS	when there is a '\' separator present, and the value in front of the slash is a digit	SiteAddressNumber	TaxRoll
2012File.dbf	SITUS	when there is a '\' separator present, the value after the slash	SiteAddressStreetFullName	TaxRoll
2012File.dbf	SOURCE	Concatenate SOURCE, BOOK_&_PA, MAP_#	SourceDocumentReference	TaxRoll
2012File.dbf	TOTAL_MAR	Direct	MarketValueTotal	TaxRoll
2012File.dbf	TOTAL_USE	Direct	TaxableValueTotal	TaxRoll
parcels_address_region.shp	CURRENT_OW	Direct; Owner	Name.Name	Name
parcels_address_region.shp	CURRENT_T	Direct	TaxableValueTotal	TaxRoll
parcels_address_region.shp	DATE_CREA	Direct	SourceCreationDate	TaxRoll
parcels_address_region.shp	DEEDED_AC	Direct	TabularAcres	TaxRoll
parcels_address_region.shp	DOR_CODES	First two (left) characters; FME substring extract (0,1)	StateLandUseCode	StateLandUse, TaxRoll
parcels_address_region.shp	LEGAL	Direct	LegalDescription	TaxRoll
parcels_address_region.shp	MAIL_ADD	Direct	AddressLine1	Name
parcels_address_region.shp	MAIL_ADD1	Split on '' and sort to various fields. Could be Address, City, State, Province	AddressState	Name
parcels_address_region.shp	MAIL_ADD1	Split on '' and sort to various fields. Could be Address, City, State, Province	AddressCity	Name
parcels_address_region.shp	MAIL_ADD1	Split on '' and sort to various fields. Could be Address, City, State, Province	AddressLine2	Name
parcels_address_region.shp	MAIL_ADD2	Split on '' and sort to various fields. Could be City, State, Province, Country, Zip.	AddressZip	Name
parcels_address_region.shp	MAIL_ADD2	Split on '' and sort to various fields. Could be City, State, Province, Country, Zip.	AddressState	Name
parcels_address_region.shp	MAIL_ADD2	Split on '' and sort to various fields. Could be City, State, Province, Country, Zip.	AddressCountry	Name

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
parcels_address_region.shp	MAIL_ADD2	Split on ' ' and sort to various fields. Could be City, State, Province, Country, Zip.	AddressCity	Name
parcels_address_region.shp	PARCEL_NUM	Direct	SourceParcelID	TaxRoll
parcels_address_region.shp	TAXSIFTER	Direct	AssessorURL	TaxRoll
parcels_address_region.shp	TAX_DISTR	Direct	TaxCodeArea	TaxRoll
parcels_address_region.shp	TOTAL_MAR	Direct; for parcels that can't merge with Assess09.dbf	MarketValueTotal	TaxRoll
parcels_address_region.shp	ZIP_CODE	Direct	AddressZip	Name

Normalization Notes

Integration Date:	2012-05-17
Integration Notes:	<p>parcels_address_region.shp has a new field in 2012: ID. It is missing a field from 2010: CALC_FT. The following fields are named differently: CURRENT_TA --> CURRENT_T SALE_PRICE --> SALE_PRIC OWNERS_NAM --> OWNERS_NA DATE_CREAT --> DATE_CREA</p> <p>New File collected in 2012: dc_address_pts.shp which contains better SITUS information. Only attaches to the parcels and dbf table by parcel number, so when there are multiple tax rolls on a parcel or multiple situs values for a parcel, no way to assign them to the correct owner. Did not use.</p> <p>2012File.dbf fields match 2010 data.</p> <p>FME made the claim that the 2012File.dbf file was corrupt, in particular, that the DATE_CLOS field was length 11, and should only have been length 8. FME could not read the file, so it was copied to cp_2012File.gdb/cp_2012File.</p>
QAQC Date:	2012-07-16
QAQC Notes:	<p>PolyID=409000000001; ProcessParcelFlattened=2; confirmed 2 instances of same parcel in source data (parcels_address_region.shp). PARCEL_NUMs: 60200140300, 60200140100.</p> <p>PolyID=409000026610; ProcessParcelAggregated=3. Confirm 3 polygons in source data (parcels_address_region.shp) with same PARCLE_NUM (27243410001).</p> <p>NameID=409000002888; ProcessNameFlattened=4. Confirmed 4 records in source data (parcels_address_region.dbf). All have same owner name (COLLIER, JANE) and owner info. PARCEL_NUMs: 03700001932, 03700001934, 03700001956, 41000000702.</p>

Ferry County -- 410

Current Assessor Contact Information:

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Acquired Data Files

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
Various	Shapefile & XLS	2012-02-17	2012-02-17	NAD_1983_HARN_StatePlane_Washington_North_FIPS_4601_Feet_Int	received by email from Rachel Siracuse February 17, 2012
Various	Shapefile & XLS	2012-02-17	2012-02-14	NAD_1983_HARN_StatePlane_Washington_North_FIPS_4601_Feet_Int	received by email from Rachel Siracuse February 17, 2012

Acquired Tables

Table Name:	Source Data File Name:	Normalization Date
Full 2012 TaxRoll.xls	Various	2012-04-24
ParcelEdit.shp	Various	2012-04-24

Normalization Process

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
Full 2012 TaxRoll.xls	Address1	Direct; Owner	AddressLine1	Name
Full 2012 TaxRoll.xls	Address2	Direct; Owner	AddressLine2	Name
Full 2012 TaxRoll.xls	AssembledLegal	Direct	LegalDescription	TaxRoll
Full 2012 TaxRoll.xls	AssessedBuildingValue	Direct	TaxableValueImprovements	TaxRoll
Full 2012 TaxRoll.xls	AssessedCropValue	Direct	TaxableValueCrop	TaxRoll
Full 2012 TaxRoll.xls	AssessedLandValue	Direct	TaxableValueLand	TaxRoll
Full 2012 TaxRoll.xls	AssessmentType	Concatenate: ParcelType, IsExempt, AssessmentType, PropertyClass	TaxStatus	TaxRoll
Full 2012 TaxRoll.xls	City	Direct; Owner	AddressCity	Name

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
Full 2012 TaxRoll.xls	DepartmentOfRevenueCode	FME Substring (0,1)	StateLandUseCode	StateLandUse, TaxRoll
Full 2012 TaxRoll.xls	DepartmentOfRevenueCode	FME Substring (3,-1)	SourceLandUseDescription	TaxRoll
Full 2012 TaxRoll.xls	District	Direct	TaxCodeArea	TaxRoll
Full 2012 TaxRoll.xls	FirstName	Owner. Concatenate: LastName, FirstName	Name.Name	Name
Full 2012 TaxRoll.xls	IsExempt	Concatenate: ParcelType, IsExempt, AssessmentType, PropertyClass	TaxStatus	TaxRoll
Full 2012 TaxRoll.xls	LastName	Owner. Concatenate: LastName, FirstName	Name.Name	Name
Full 2012 TaxRoll.xls	MapNumber	Direct	SourceDocumentReference	TaxRoll
Full 2012 TaxRoll.xls	MarketBuildingValue	Direct	MarketValueImprovements	TaxRoll
Full 2012 TaxRoll.xls	MarketCropValue	Direct	MarketValueCrop	TaxRoll
Full 2012 TaxRoll.xls	MarketLandValue	Direct	MarketValueLand	TaxRoll
Full 2012 TaxRoll.xls	OwnerCode	Direct; Owner	NameCD	Name
Full 2012 TaxRoll.xls	ParcelID	Direct	TaxAccountID	TaxRoll
Full 2012 TaxRoll.xls	ParcelNumber	Concatenate: 'http://ferrywa.taxesifter.com/Search/results.aspx?q=', ParcelNumber	AssessorURL	TaxRoll
Full 2012 TaxRoll.xls	ParcelType	Concatenate: ParcelType, IsExempt, AssessmentType, PropertyClass	TaxStatus	TaxRoll
Full 2012 TaxRoll.xls	PropertyClass	Concatenate: ParcelType, IsExempt, AssessmentType, PropertyClass	TaxStatus	TaxRoll
Full 2012 TaxRoll.xls	Situs	Direct	SiteAddressFull	TaxRoll
Full 2012 TaxRoll.xls	State	Direct; Owner	AddressState	Name
Full 2012 TaxRoll.xls	TotalAcres	Direct	TabularAcres	TaxRoll
Full 2012 TaxRoll.xls	TotalAssessedValue	Direct	TaxableValueTotal	TaxRoll
Full 2012 TaxRoll.xls	TotalMarketValue	Direct	MarketValueTotal	TaxRoll
Full 2012 TaxRoll.xls	Zip	Direct; Owner	AddressZip	Name

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
ParcelEdit.shp	MODDATE	Direct	SourceRevisionDate	TaxRoll
ParcelEdit.shp	PIN	Direct	SourceParcelID	TaxRoll
ParcelEdit.shp	PIN	FME Substring (0,0); Prepend with 3; Append with 'E'	Range	TaxRoll
ParcelEdit.shp	PIN	FME Substring (1,2); Append with 'N'	Township	TaxRoll
ParcelEdit.shp	PIN	FME Substring (3,4)	Section	TaxRoll

Normalization Notes

Integration Date:	2012-04-24
Integration Notes:	<p>2012 Ferry County parcel shapefile is the same as 2010 shapefile.</p> <p>Ferry County Assessment data changed between 2010 and 2012.</p> <p>2010 attributes modified in 2012: CURRENT OWNER --> LastName, FirstName MAIL ADD 3 --> City, State PROPERTY TYPE --> PropertyClass</p> <p>2010 attributes renamed in 2012: PARCEL # --> ParcelNumber MAIL ADD 1 --> Address1 MAIL ADD 2 --> Address2 ZIP CODE --> Zip DOR CODES --> DepartmentOfRevenueCode IMPR MARKET VALUE --> MarketBuildingValue IMPR USE VALUE --> AssessedBuildingValue LAND MARKET VALUE --> MarketLandValue LAND USE VALUE --> AssessedLandValue DEEDED ACRES --> TotalAcres SITUS --> Situs LEGAL --> AssembledLegal TAX DISTRICT --> District</p> <p>New Attributes in 2012: RollYear, ParcelType, SubName, MiscID8, MiscID5, MiscID7, ParcelDescription, IsExempt, ResultingTaxableValue, NewConstruction, Neighborhood, AssessmentType, TotalMarketValue, TotalAssessedValue, MarketCropValue, AssessedCropValue, PriorMarket, PriorAssessed, PriorTaxable, PriorMrktLand, PriorMrktImpr, PriorMrktCrop, PriorAssessLand, PriorAssessImpr, PriorAssessCrop, ParentNeighborhood, GrandparentNeighborhood, SecondaryLandUse, MapNumber, MiscID6, OwnerCode, Email, ValuesLocked, ValuesLockedBy, SortAcres, ParcelID</p>
QAQC Date:	2012-07-16
QAQC Notes:	NameID=410000001202; ProcessNameFlattened=3. Confirmed 3 records in source data (Full 2012 TaxRoll.xls) with same name (WHYATT FLOYD & HAZEL ET AL) and same owner info. ParcelNumbers: 23828340001005, 23833110001005, 23834220001005.

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Acquired Data Files

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
Parcels_ATR.shp	Shapefile	2012-02-22	2012-02-16	NAD_1983_HARN_StatePlane_Washington_South_FIPS_4602_Feet	Received by email from Dann Borden.
Various	Shapefile	2011-12-19	2011-12-06	NAD_1983_HARN_StatePlane_Washington_South_FIPS_4602_Feet	downloaded from: http://gis.co.franklin.wa.us/download.aspx Anonymized_ATR_Records.shp was not anonymized. It contains taxpayer names and address. This file was used to document ATR attributes.
Various	Shapefile	2011-12-19	2011-12-06	NAD_1983_HARN_StatePlane_Washington_South_FIPS_4602_Feet	downloaded from: http://gis.co.franklin.wa.us/download.aspx Anonymized_ATR_Records.shp was not anonymized. It contains taxpayer names and address. This file was used to document ATR attributes.
Various	Shapefile	2011-12-19	2011-12-06	NAD_1983_HARN_StatePlane_Washington_South_FIPS_4602_Feet	downloaded from: http://gis.co.franklin.wa.us/download.aspx Anonymized_ATR_Records.shp was not anonymized. It contains taxpayer names and address. This file was used to document ATR attributes.

Acquired Tables

Table Name:	Source Data File Name:	Normalization Date
Commercial_Char.shp	Various	2012-04-25
Misc Impr_Char.shp	Various	2012-04-25

Table Name:	Source Data File Name:	Normalization Date
Parcels_ATR.shp	Parcels_ATR.shp	2012-04-25
Residential_Char.shp	Various	2012-04-25

Normalization Process

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
Commercial_Char.shp	BASEAREA	Direct	SquareFeetFootprint	Improvement
Commercial_Char.shp	BASEAREA	TOTALAREA/BASEAREA	NumberStories	Improvement
Commercial_Char.shp	BUILDINGDE	Concatenate: STYLE, BUILDINGDE, OBJECTDESC	Description	Improvement
Commercial_Char.shp	CONDITION	Direct	Condition	Improvement
Commercial_Char.shp	FOUNDATION	Direct	FoundationType	Improvement
Commercial_Char.shp	OBJECTDESC	Concatenate: STYLE, BUILDINGDE, OBJECTDESC	Description	Improvement
Commercial_Char.shp	OBJECTTYPE	Concatenate: OBJECTTYPE, SLICETYPE	Type	Improvement
Commercial_Char.shp	QUALITY	Direct	Quality	Improvement
Commercial_Char.shp	REMODELYEA	Direct	YearRenovated	Improvement
Commercial_Char.shp	SLICETYPE	Concatenate: OBJECTTYPE, SLICETYPE	Type	Improvement
Commercial_Char.shp	STYLE	Concatenate: STYLE, BUILDINGDE, OBJECTDESC	Description	Improvement
Commercial_Char.shp	TOTALAREA	Direct	SquareFeetTotal	Improvement
Commercial_Char.shp	TOTALAREA	TOTALAREA/BASEAREA	NumberStories	Improvement
Commercial_Char.shp	YEARBUILT	Direct	YearBuilt	Improvement
Misc_Impr_Char.shp	MISCIMP	Concatenate: SLICEDESC, MISCIMP	Description	Improvement
Misc_Impr_Char.shp	SLICEDESC	Concatenate: SLICEDESC, MISCIMP	Description	Improvement
Misc_Impr_Char.shp	VALUE1	Direct	SquareFeetTotal	Improvement
Misc_Impr_Char.shp	VALUE10	Direct	SidingMaterial	Improvement
Misc_Impr_Char.shp	VALUE9	Direct	RoofMaterial	Improvement
Parcels_ATR.shp	ADDRESS1	Direct; Taxpayer	AddressLine1	Name
Parcels_ATR.shp	ADDRESS2	Direct; Taxpayer	AddressLine2	Name

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
Parcels_ATR.shp	ASSEMBLEDL	Direct	LegalDescription	TaxRoll
Parcels_ATR.shp	ASSESSEDBU	Direct	TaxableValueImprovements	TaxRoll
Parcels_ATR.shp	ASSESSEDCR	Direct	TaxableValueCrop	TaxRoll
Parcels_ATR.shp	ASSESSEDLA	Direct	TaxableValueLand	TaxRoll
Parcels_ATR.shp	ASSESSMENT	Concatenate: ASSESSMENT, PARCELTYPE, and ISEXEMPT. ISEX EMPT values mapped as: No --> Not Exempt, YES --> Exempt	TaxStatus	TaxRoll
Parcels_ATR.shp	CITY	Direct; Taxpayer	AddressCity	Name
Parcels_ATR.shp	DEPARTMENT	FME Substring (0,1)	StateLandUseCode	StateLandUse, TaxRoll
Parcels_ATR.shp	DEPARTMENT	FME Substring (3,-1)	SourceLandUseDescription	TaxRoll
Parcels_ATR.shp	DISTRICT	Direct	TaxCodeArea	TaxRoll
Parcels_ATR.shp	FIRSTNAME	Taxpayer. Concatenate: LASTNAME, FIRSTNAME	Name.Name	Name
Parcels_ATR.shp	GIS_OCODE	Direct	OwnerType	TaxRoll
Parcels_ATR.shp	GIS_PARC_I	Direct	SourceParcelID	TaxRoll
Parcels_ATR.shp	ISEXEMPT	Concatenate: ASSESSMENT, PARCELTYPE, and ISEXEMPT. ISEX EMPT values mapped as: No --> Not Exempt, YES --> Exempt	TaxStatus	TaxRoll
Parcels_ATR.shp	LASTNAME	Taxpayer. Concatenate: LASTNAME, FIRSTNAME	Name.Name	Name
Parcels_ATR.shp	MAPNUMBER	Direct	SourceDocumentReference	TaxRoll
Parcels_ATR.shp	MAPNUMBER	FME Substring (0,1); concatenate with 'E'	Range	TaxRoll
Parcels_ATR.shp	MAPNUMBER	FME Substring (2,3); concatenate with 'N'	Township	TaxRoll
Parcels_ATR.shp	MAPNUMBER	FME Substring (5,6)	Section	TaxRoll
Parcels_ATR.shp	MARKETBUIL	Direct	MarketValueImprovements	TaxRoll
Parcels_ATR.shp	MARKETCROP	Direct	MarketValueCrop	TaxRoll
Parcels_ATR.shp	MARKETLAND	Direct	MarketValueLand	TaxRoll
Parcels_ATR.shp	OWNERCODE	Direct	NameCD	Name
Parcels_ATR.shp	PARCELTYPE	Concatenate: ASSESSMENT, PARCELTYPE, and ISEXEMPT.	TaxStatus	TaxRoll

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
		ISEX EMPT values mapped as: No --> Not Exempt, YES --> Exempt		
Parcels_ATR.shp	SITUS	Direct	SiteAddressFull	TaxRoll
Parcels_ATR.shp	STATE	Direct; Taxpayer	AddressState	Name
Parcels_ATR.shp	TAXSIFTER_	Direct	AssessorURL	TaxRoll
Parcels_ATR.shp	TOTALACRES	Direct	TabularAcres	TaxRoll
Parcels_ATR.shp	TOTALASSES	Direct	TaxableValueTotal	TaxRoll
Parcels_ATR.shp	TOTALMARKE	Direct	MarketValueTotal	TaxRoll
Parcels_ATR.shp	ZIP	Direct; Taxpayer	AddressZip	Name
Residential_Charr.shp	ARCHITECTU	Concatenate: STYLE, SLICEDESC, ARCHITECTU, OBJECTDESC	Description	Improvement
Residential_Charr.shp	BASEAREA	Direct	SquareFeetFootprint	Improvement
Residential_Charr.shp	BASEAREA	TOTALAREA/BASEAREA	NumberStories	Improvement
Residential_Charr.shp	BATHROOMS	Direct	NumberBathrooms	Improvement
Residential_Charr.shp	BEDROOMS	Direct	NumberBedrooms	Improvement
Residential_Charr.shp	CONDITION	Direct	Condition	Improvement
Residential_Charr.shp	FOUNDATION	Direct	FoundationType	Improvement
Residential_Charr.shp	GARAGEAREA	Direct	SquareFeetGarage	Improvement
Residential_Charr.shp	OBJECTDESC	Concatenate: STYLE, SLICEDESC, ARCHITECTU, OBJECTDESC	Description	Improvement
Residential_Charr.shp	OBJECTTYPE	Concatenate: OBJECTTYPE, SLICETYPE	Type	Improvement
Residential_Charr.shp	QUALITY	Direct	Quality	Improvement
Residential_Charr.shp	REMODELYEA	Direct	YearRenovated	Improvement
Residential_Charr.shp	SLICEDESC	Concatenate: STYLE, SLICEDESC, ARCHITECTU, OBJECTDESC	Description	Improvement
Residential_Charr.shp	SLICETYPE	Concatenate: OBJECTTYPE, SLICETYPE	Type	Improvement
Residential_Charr.shp	STYLE	Concatenate: STYLE, SLICEDESC, ARCHITECTU, OBJECTDESC	Description	Improvement
Residential_Charr.shp	TOTALAREA	Direct	SquareFeetTotal	Improvement
Residential_Charr.shp	TOTALAREA	TOTALAREA/BASEAREA	NumberStories	Improvement

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
Residential_Charr.shp	TOTALBASEM	Direct	SquareFeetBasement	Improvement
Residential_Charr.shp	YEARBUILT	Direct	YearBuilt	Improvement

Normalization Notes

Integration Date:	2012-04-25
Integration Notes:	<p>There were major data changes between 2010 and 2012.</p> <p>-----Parcels_ATR.shp-----</p> <p>2010 fields no longer in 2012: TREASURER_, CALCULATED, PROPERTY_T, OPEN_SPACE, EXEMPTION_, EXEMPT_AMO, FROZEN_VAL, COMMENTS, DATE_CREAT, LAST_UPDAT, RECORD_NUM, RECORD_STA</p> <p>2010 fields modified in 2012: TAXPAYER_N --> LASTNAME, FIRSTNAME MAIL_CITYS --> CITY, STATE DNR_CODES --> DEPARTMENT, SECONDARYL</p> <p>2010 fields renamed in 2012: MAPNUMBER --> MAP_NUMBER PARC_ID --> GIS_PARC_I MAIL_PREAM --> ADDRESS1 MAIL_ADDRE --> ADDRESS2 ZIP_CODE --> ZIP ASSESSOR_L --> TAXSIFTER_ OWNERSHIP_ --> GIS_OCODE DEEDED_ACR --> TOTALACRES GIS_AREA_C --> GIS_AREA LEGAL --> ASSEMBLEDL TAX_DISTRI --> DISTRICT LAND_MARKE --> MARKETLAND IMPR_MARKE --> MARKETBUIL PCROP_MARK --> MARKETCROP TOTAL_MARK --> TOTALMARKE LAND_USE_V --> ASSESSEDLA IMPR_USE_V --> ASSESSEDBU PCROP_USE_ --> ASSESSEDCR TOTAL_USE_ --> TOTALASSES CURRENT_TA --> RESULTINGT PREVIOUS_L --> PRIORMRCTL PREVIOUS_I --> PRIORMRKTI PREVIOUS_P --> PRIORMRKTC PREVIOUS_T --> PRIORMARKE PREVIOUS_1 --> PRIORTAXAB NAME_CODE --> OWNERCODE LATESTSELL --> SELLER LATESTSALE --> SALEDATA LATESTSAL1 --> ORIGINALSA</p> <p>New fields in 2012: GISID, GIS_MAPID, GIS_PERIME, GIS_EASTIN, GIS_NORTH, GIS_EXEMPT, T2PARCELID, PARCELNUMB, ROLLYEAR, PARCELTYPE, ASSESSMENT, ISEXEMPT, NEWCONSTRU, PRIORASSES, PRIORASSE1, PRIORASSE2, PRIORASSE3, VALUESLOCK, VALUESLOC1, SORTACRES, NEIGHBORHO, PARENTNEIG, GRANDPAREN, PROPERTYCL, MISCID5, MISCID6, MISCID7, MISCID8, SUBNAME, STATEQUAL, SALENOTE, DEEDTYPE, BOOKPAGE, PARCEDESC</p>
QAQC Date:	2012-07-16

QAQC Notes:	<p>PolyID=411000000000; ProcessParcelFlattened=2. Confirmed 2 instances of same PARCLENUMB in source data (Parcels_ATR.shp). PARCLENUMB=123563028. Also confirmed 2 records in source data (Parcels_ATR.dbf) with same owner, but different market values.</p> <p>PolyID=411000028729; ProcesParcelAggregated=11. Confirmed 10 records in source data (Parcels_ATR.dbf). The polygons look like they're a path that follows the main river in Franklin County. PARCLENUMB=112590027. LASTNAME=WA STATE PARKS & RECREATION COMMISSION.</p> <p>NameID=411000001334; ProcessNameFlattened=3. Confirmed 3 records in source data with same name (PRUETT, KENT & MONICA) and 3 different PARCELNUMBs: 109813178, 109813221, 109814051.</p>
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Garfield County -- 412

Current Assessor Contact Information:

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Acquired Data Files

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
Various	Shapefile & DBF	2012-02-14	2012-02-14	NAD_1983_StatePlane_Washington_South_FIP_S_4602_Feet	Acquired via email from Duane Priest
Various	Shapefile & DBF	2012-02-14	2012-02-14	NAD_1983_StatePlane_Washington_South_FIP_S_4602_Feet	Acquired via email from Duane Priest

Acquired Tables

Table Name:	Source Data File Name:	Normalization Date
Countywide_Parcels.shp	Various	2012-04-23
GC_Database.dbf	Various	2012-04-23

Normalization Process

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
Countywide_Parc	PARCEL_ID	Direct	SourceParcelID	TaxRoll

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
els.shp				
GC_Database.dbf	ACCT	Direct	TaxAccountID	TaxRoll
GC_Database.dbf	DHCD	Concatenate DHCD, SCCD, TAXE	TaxStatus	TaxRoll
GC_Database.dbf	I_ACRES	Direct	ImprovedAcres	TaxRoll
GC_Database.dbf	LEGAL_1	Concatenate LEGAL_1, LEGAL_2, LEGAL_3, LEGAL_4	LegalDescription	TaxRoll
GC_Database.dbf	LEGAL_2	Concatenate LEGAL_1, LEGAL_2, LEGAL_3, LEGAL_4	LegalDescription	TaxRoll
GC_Database.dbf	LEGAL_3	Concatenate LEGAL_1, LEGAL_2, LEGAL_3, LEGAL_4	LegalDescription	TaxRoll
GC_Database.dbf	LEGAL_4	Concatenate LEGAL_1, LEGAL_2, LEGAL_3, LEGAL_4	LegalDescription	TaxRoll
GC_Database.dbf	MAIL_ADD_1	Direct	AddressLine1	Name
GC_Database.dbf	MAIL_ADD_2	Direct	AddressLine2	Name
GC_Database.dbf	MAIL_ADD_3	Direct	AddressLine3	Name
GC_Database.dbf	MAIL_NAME	Direct; Taxpayer	Name.Name	Name
GC_Database.dbf	PCCD	Direct	StateLandUseCode	StateLandUse, TaxRoll
GC_Database.dbf	RNG	Direct; Concatenate with 'E'	Range	TaxRoll
GC_Database.dbf	SCCD	Concatenate DHCD, SCCD, TAXE	TaxStatus	TaxRoll
GC_Database.dbf	SEC	Direct	Section	TaxRoll
GC_Database.dbf	TAXE	Concatenate DHCD, SCCD, TAXE	TaxStatus	TaxRoll
GC_Database.dbf	TWP	Direct; Concatenate with 'N'	Township	TaxRoll
GC_Database.dbf	TXCD	Direct	TaxCodeArea	TaxRoll
GC_Database.dbf	T_ACRES	Direct	TabularAcres	TaxRoll
GC_Database.dbf	U_ACRES	Direct	UnimprovedAcres	TaxRoll
GC_Database.dbf	VM_I	Direct	MarketValueImprovements	TaxRoll
GC_Database.dbf	VM_L	Direct	MarketValueLand	TaxRoll
GC_Database.dbf	VO_I	Populate with VO_I or VS_I (whichever is not blank)	TaxableValueImprovements	TaxRoll
GC_Database.dbf	VO_L	Populate with VO_L or VS_L (whichever is not blank)	TaxableValueLand	TaxRoll
GC_Database.dbf	VS_I	Populate with VO_I or VS_I (whichever is not blank)	TaxableValueImprovements	TaxRoll
GC_Database.dbf	VS_L	Populate with VO_L or VS_L (whichever is not blank)	TaxableValueLand	TaxRoll

Normalization Notes

Integration Date:	2012-04-23
Integration Notes:	<p>2012 Countywide_Parcels.shp no longer contains the following fields that were in 2010 Countywide_Parcels.shp: SHAPE_Leng, CODE. 2010 attribute SHAPE_Area was renamed to Area in 2012.</p> <p>2012 GC_Database.dbf has two fields that were not in 2010: STMT and NM_LABEL. The following attributes were renamed between 2010 and 2012: PARCEL_ID --> PARCEL_NO SFLD_1 --> SFLD2</p>
QAQC Date:	2012-07-16
QAQC Notes:	<p>PolyID=412000000035; ProcessParcelFlattened=2. Confirmed 2 instances source file (Countywide_Parcels.shp). Parcel_IDs: 20124201540010000, 20124201540020000.</p> <p>PolyID=412000003677; ProcessParcelAggregated=2; confirmed 2 instances of PARCEL_ID=20124002330000000 in source file (Countywide_Parcels.shp).</p> <p>PolyID=412000000895; ProcessParcelDuplicatesRemoved=2. Confirmed 2 duplicate records in source shapefile (PARCEL_ID=10546000024000000).</p>

Normalization Process -- Attribute Value Translation

Original Field (PCCD) Value	Normalized Field (StateLandUseCode) Value
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11	11
12	12
13	13
15	15
16	16
18	18
19	19
21	21
22	22
23	23
24	24
25	25
26	26
27	27
41	41
48	48
51	51

Original Field (PCCD) Value	Normalized Field (StateLandUseCode) Value
52	52
53	53
54	54
55	55
56	56
57	57
58	58
59	59
61	61
62	62
63	63
64	64
65	65
66	66
67	67
69	69
72	72
74	74
76	76
79	79
81	81
82	82
83	83
88	88
91	91
94	94

Grant County -- 413

Current Assessor Contact Information:

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Acquired Data Files

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
GC_Parcels_2012_02_08.gdb	File Geodatabase	2012-02-23	2012-02-08	NAD_1983_StatePlane_Washington_South_FIP S_4602_Feet	uploaded to WAGIS by Elisabeth Lauver
GC_Parcels_2012_02_08.gdb	File Geodatabase	2012-02-23	2012-02-08	NAD_1983_StatePlane_Washington_South_FIP S_4602_Feet	uploaded to WAGIS by Elisabeth Lauver
GC_Parcels_2012_02_08.gdb	File Geodatabase	2012-02-23	2012-02-08	NAD_1983_StatePlane_Washington_South_FIP S_4602_Feet	uploaded to WAGIS by Elisabeth Lauver
GC_Parcels_2012_02_08.gdb	File Geodatabase	2012-02-23	2012-02-08	NAD_1983_StatePlane_Washington_South_FIP S_4602_Feet	uploaded to WAGIS by Elisabeth Lauver
GC_Parcels_2012_02_08.gdb	File Geodatabase	2012-02-23	2012-02-08	NAD_1983_StatePlane_Washington_South_FIP S_4602_Feet	uploaded to WAGIS by Elisabeth Lauver

Acquired Tables

Table Name:	Source Data File Name:	Normalization Date
APRollYear	GC_Parcels_2012_02_08.gdb	2012-05-01
CommercialCharacteristics	GC_Parcels_2012_02_08.gdb	2012-05-01
MiscImprovementCharacteristics	GC_Parcels_2012_02_08.gdb	2012-05-01
Parcel_boundaries	GC_Parcels_2012_02_08.gdb	2012-05-01
ResidentialCharacteristics	GC_Parcels_2012_02_08.gdb	2012-05-01

Normalization Process

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
APRollYear	Address1	Direct; Owner	AddressLine1	Name
APRollYear	Address2	Direct; Owner	AddressLine2	Name
APRollYear	AssembledLegal	Direct	LegalDescription	TaxRoll
APRollYear	AssessedBuildingValue	Direct	TaxableValueImprovements	TaxRoll
APRollYear	AssessedCropValue	Direct	TaxableValueCrop	TaxRoll
APRollYear	AssessedLandValue	Direct	TaxableValueLand	TaxRoll
APRollYear	AssessmentType	Concatenate: ParcelType, AssessmentType, IsExempt, PropertyClass	TaxStatus	TaxRoll
APRollYear	City	Direct; Owner	AddressCity	Name
APRollYear	DepartmentOfRevenueCode	FME Substring (0,1)	StateLandUseCode	StateLandUse, TaxRoll
APRollYear	DepartmentOfRevenueCode	FME Substring (3,-1)	SourceLandUseDescription	TaxRoll
APRollYear	District	Direct	TaxCodeArea	TaxRoll

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
APRollYear	FirstName	Owner. Concatenate: FirstName, LastName	Name.Name	Name
APRollYear	IsExempt	Concatenate: ParcelType, AssessmentType, IsExempt, PropertyClass	TaxStatus	TaxRoll
APRollYear	LastName	Owner. Concatenate: FirstName, LastName	Name.Name	Name
APRollYear	MarketBuildingValue	Direct	MarketValueImprovements	TaxRoll
APRollYear	MarketCropValue	Direct	MarketValueCrop	TaxRoll
APRollYear	MarketLandValue	Direct	MarketValueLand	TaxRoll
APRollYear	OwnerCode	Direct; Owner	NameCD	Name
APRollYear	ParcelID	Direct	TaxAccountID	TaxRoll
APRollYear	ParcelType	Concatenate: ParcelType, AssessmentType, IsExempt, PropertyClass	TaxStatus	TaxRoll
APRollYear	PropertyClass	Concatenate: ParcelType, AssessmentType, IsExempt, PropertyClass	TaxStatus	TaxRoll
APRollYear	Situs	Direct	SiteAddressFull	TaxRoll
APRollYear	State	Direct; Owner	AddressState	Name
APRollYear	TotalAcres	Direct	TabularAcres	TaxRoll
APRollYear	TotalAssessedValue	Direct	TaxableValueTotal	TaxRoll
APRollYear	TotalMarketValue	Direct	MarketValueTotal	TaxRoll
APRollYear	Zip	Direct; Owner	AddressZip	Name
CommercialCharacteristics	BaseArea	Direct	SquareFeetFootprint	Improvement
CommercialCharacteristics	BuildingDesc	Concatenate: ObjectDesc, Style, BuildingDesc	Description	Improvement
CommercialCharacteristics	Condition	Direct	Condition	Improvement
CommercialCharacteristics	Foundation	Direct	FoundationType	Improvement
CommercialCharacteristics	ObjectDesc	Concatenate: ObjectDesc, Style, BuildingDesc	Description	Improvement
CommercialCharacteristics	ObjectType	Concatenate: ObjectType, SliceType	Type	Improvement
CommercialCharacteristics	Quality	Direct	Quality	Improvement
CommercialCharacteristics	RemodelYear	Direct	YearRenovated	Improvement

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
CommercialCharacteristics	SliceType	Concatenate: ObjectType, SliceType	Type	Improvement
CommercialCharacteristics	Style	Concatenate: ObjectDesc, Style, BuildingDesc	Description	Improvement
CommercialCharacteristics	TotalArea	Direct	SquareFeetTotal	Improvement
CommercialCharacteristics	YearBuilt	Direct	YearBuilt	Improvement
MiscImprovementCharacteristics	MiscImp	Concatenate: SliceType, MiscImp	Description	Improvement
MiscImprovementCharacteristics	SliceType	Concatenate: SliceType, MiscImp	Description	Improvement
MiscImprovementCharacteristics	Value1	Direct	SquareFeetTotal	Improvement
ResidentialCharacteristics	Architecture	Concatenate: ObjectDesc, SliceDesc, Architecture, Style	Description	Improvement
ResidentialCharacteristics	BaseArea	Direct	SquareFeetFootprint	Improvement
ResidentialCharacteristics	Bathrooms	Direct	NumberBathrooms	Improvement
ResidentialCharacteristics	Bedrooms	Direct	NumberBedrooms	Improvement
ResidentialCharacteristics	Condition	Direct	Condition	Improvement
ResidentialCharacteristics	Foundation	Direct	FoundationType	Improvement
ResidentialCharacteristics	GarageArea	Direct	SquareFeetGarage	Improvement
ResidentialCharacteristics	ObjectDesc	Concatenate: ObjectDesc, SliceDesc, Architecture, Style	Description	Improvement
ResidentialCharacteristics	ObjectType	Concatenate: ObjectType, SliceType	Type	Improvement
ResidentialCharacteristics	Quality	Direct	Quality	Improvement
ResidentialCharacteristics	RemodelYear	Direct	YearRenovated	Improvement
ResidentialCharacteristics	SliceDesc	Concatenate: ObjectDesc, SliceDesc, Architecture, Style	Description	Improvement
ResidentialCharacteristics	SliceType	Concatenate: ObjectType, SliceType	Type	Improvement
ResidentialCharacteristics	Style	Concatenate: ObjectDesc, SliceDesc, Architecture, Style	Description	Improvement
ResidentialCharacteristics	TotalArea	Direct	SquareFeetTotal	Improvement
ResidentialCharacteristics	TotalBasementArea	Direct	SquareFeetBasement	Improvement

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
ResidentialCharacteristics	YearBuilt	Direct	YearBuilt	Improvement

Normalization Notes

Integration Date:	2012-05-01
Integration Notes:	<p>Completely revised data format for 2012.</p> <p>In 2010 the data was provided in the shapefile: gccounty.shp, and a personal geodatabase out of which the following tables were used: APLNS, ConCityCodeDesc, LANDUSECD, MastArcView, Names, PROPERTY_LOC1, SITUS.</p> <p>In 2012, all data was consolidated into a file geodatabase, out of which the feature class: Parcel_boundaries and the tables APRollYear, CommercialCharacteristics, MiscImprovementCharacteristics, and ResidentialCharacteristics were used.</p> <p>Situs field in APRollYear is Blob data type, but contains only a text string. Data was converted to string.</p>
QAQC Date:	2012-07-17
QAQC Notes:	<p>PolyID=413000000042; ProcessParcelFlattened=3; Confirmed source data (parcel_boundaries)has 4 polygons for each condo unit on the parcel; Parcels:320065001,320065002,320065003,320065004. There are 4 records in source data APRollYear, one for each unit (LastName=Fred Garvin LLC). Parcel was flattened correctly.</p> <p>NameID=413000003989; ProcessNameFlattened=4; Confirmed 4 records with same name and address (Throop, Jo Ann). Source data (APRollYear) ParcelIDs: 1435341, 1435314, 1422112, 1435321.</p>

Grays Harbor County -- 414

Current Assessor Contact Information:

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Acquired Data Files

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
ghresmas.txt	Fixed width txt	2012-01-30	2012-01-30	NA	uploaded at: https://depts.washington.edu/wagis/uploa

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
					d/ by Steve Carey of GHC
Various	Various	2012-01-24	2011-07-25	NAD_1927_Washington_South	N/A
Various	Various	2012-01-24	2002-06-26	NAD_1927_Washington_South	N/A

Acquired Tables

Table Name:	Source Data File Name:	Normalization Date
Asr-Landuse.dbf	Various	2012-03-26
ghresmas.txt	ghresmas.txt	2012-03-26
parcel.shp	Various	2012-03-26

Normalization Process

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
Asr-Landuse.dbf	DESCRIPTIO	Direct	SourceLandUseDescription	TaxRoll
ghresmas.txt	Basement_SF	Direct	SquareFeetBasement	Improvement
ghresmas.txt	Basement_SF	Sum of Basement_SF, Building_SF, Garage_1_SF (when Garage_Type_1 is not DET or DET-FIN), Garage_2_SF (when Garage_Type_2 is not DET or DET-FIN), Porch_1_SF, Porch_2_SF	SquareFeetTotal	Improvement
ghresmas.txt	Building_SF	Sum of Basement_SF, Building_SF, Garage_1_SF (when Garage_Type_1 is not DET or DET-FIN), Garage_2_SF (when Garage_Type_2 is not DET or DET-FIN), Porch_1_SF, Porch_2_SF	SquareFeetTotal	Improvement
ghresmas.txt	Building_Type	Direct	SourceType	Improvement
ghresmas.txt	Carport_SF	Direct; carports are inserted as separate improvement records.	SquareFeetTotal	Improvement
ghresmas.txt	Foundation	Direct	FoundationType	Improvement
ghresmas.txt	Garage_1_SF	Direct if > 0	SquareFeetGarage	Improvement
ghresmas.txt	Garage_1_SF	Sum of Basement_SF, Building_SF, Garage_1_SF (when Garage_Type_1 is not DET or DET-FIN), Garage_2_SF (when Garage_Type_2 is not DET or DET-FIN), Porch_1_SF, Porch_2_SF. Direct if Garage_Type_1 equals DET or DET-FIN; detached garages are inserted as separate	SquareFeetTotal	Improvement

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
		improvements.		
ghresmas.txt	Garage_2_SF	Direct if > 0	SquareFeetGarage	Improvement
ghresmas.txt	Garage_2_SF	Sum of Basement_SF, Building_SF, Garage_1_SF (when Garage_Type_1 is not DET or DET-FIN), Garage_2_SF (when Garage_Type_2 is not DET or DET-FIN), Porch_1_SF, Porch_2_SF. Direct if Garage_Type_2 equals DET or DET-FIN; detached garages are inserted as separate improvements.	SquareFeetTotal	Improvement
ghresmas.txt	Garage_Type_1	Direct; used only if equals DET or DET-FIN; detached garages are inserted as separate improvements	Description	Improvement
ghresmas.txt	Garage_Type_2	Direct; used only if equals DET or DET-FIN; detached garages are inserted as separate improvements	Description	Improvement
ghresmas.txt	Patio_SF	Direct if > 0; patios are inserted as separate improvements	SquareFeetTotal	Improvement
ghresmas.txt	Porch_1_SF	Sum of Basement_SF, Building_SF, Garage_1_SF (when Garage_Type_1 is not DET or DET-FIN), Garage_2_SF (when Garage_Type_2 is not DET or DET-FIN), Porch_1_SF, Porch_2_SF	SquareFeetTotal	Improvement
ghresmas.txt	Porch_2_SF	Sum of Basement_SF, Building_SF, Garage_1_SF (when Garage_Type_1 is not DET or DET-FIN), Garage_2_SF (when Garage_Type_2 is not DET or DET-FIN), Porch_1_SF, Porch_2_SF	SquareFeetTotal	Improvement
ghresmas.txt	Quality	Direct	Quality	Improvement
ghresmas.txt	Style	Direct	Description	Improvement
ghresmas.txt	Year_Built	Direct	YearBuilt	Improvement
parcel.shp	ADDRESS	Direct	AddressLine1	Name
parcel.shp	ADDRESS2	Direct	AddressLine2	Name
parcel.shp	BLDGVALUE	Direct	TaxableValueImprovements	TaxRoll
parcel.shp	CITY	Direct	AddressCity	Name
parcel.shp	EXEMPTCODE	Direct	TaxStatus	TaxRoll
parcel.shp	IMPACRES	Direct	ImprovedAcres	TaxRoll
parcel.shp	LANDUSE	Use LandUse_GRAY_Crosswalk	StateLandUseCode	StateLandUse, TaxRoll
parcel.shp	LANDUSE2	Direct	PropertyType	TaxRoll
parcel.shp	LANDVALUE	Direct	TaxableValueLand	TaxRoll

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
parcel.shp	LEGAL1	Concatenate (LEGAL1, LEGAL2)	LegalDescription	TaxRoll
parcel.shp	LEGAL2	Concatenate (LEGAL1, LEGAL2)	LegalDescription	TaxRoll
parcel.shp	OWNER	Direct	Name.Name	Name
parcel.shp	OWNERSEARC	Direct	NameCD	Name
parcel.shp	PARCELATT	Direct	SourceParcelID	TaxRoll
parcel.shp	PARCELATT	Concatenate: 'http://www.co.grays-harbor.wa.us/gh_Parcel/Search/DetailParcel.asp?SrchParcelNo=', PARCELATT	AssessorURL	TaxRoll
parcel.shp	RNG	Direct	Range	TaxRoll
parcel.shp	SEC	Direct	Section	TaxRoll
parcel.shp	SITUS	Direct	SiteAddressFull	TaxRoll
parcel.shp	STATE	Direct	AddressState	Name
parcel.shp	TAXCODE	Direct	TaxCodeArea	TaxRoll
parcel.shp	TOTACRES	Direct	TabularAcres	TaxRoll
parcel.shp	TOTAPR	Direct	TaxableValueTotal	TaxRoll
parcel.shp	TWP	Direct	Township	TaxRoll
parcel.shp	UNACRES	Direct	UnimprovedAcres	TaxRoll
parcel.shp	ZIP	Concatenate (ZIP, ZIP4)	AddressZip	Name
parcel.shp	ZIP4	Concatenate (ZIP, ZIP4)	AddressZip	Name

Normalization Notes

Integration Date:	2012-03-26
Integration Notes:	<p>source data attributes and structure are nearly the same as 2010.</p> <p>ghresmas.txt has one extra field in 2012: House_Book</p> <p>Parcel with PARCELATT value: 211220230090 had two vertices removed. There were 9 originally, two were within 0.0015 feet of other vertices. This is less than the XY tolerance for the SDE database, so these vertices were being put in the same place, causing an SDE error</p>
QAQC Date:	2012-07-17
QAQC Notes:	<p>PolyID=5653276; ProcessParcelAggregated=2; confirmed 2 adjacent polygons with same owner (HOXIT KENNETH D & SUZAN K) in source file (parcel.shp); PARCELATT for adjacent polygons is 170704330080. There are also 2 identical records in source data (parcel.dbf). Varified with PolyID=414000059513; ProcessParcelAggregated=4; confirmed 4 adjacent polygons with PARCELATT=029902000200.</p> <p>NameID=414000007813; ProcessNameFlattened=4; confirmed 4 records in source data with matching owner info (US COAST GUARD) and different PARCELATTS: 105504500000, 106500100100, 106501400100, 616121224001. Names flattened correctly.</p>

Normalization Process -- Attribute Value Translation

Original Field (LANDUSE) Value	Normalized Field (StateLandUseCode) Value
8	
10	
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
21	21
22	22
23	23
24	24
25	25
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27	27
28	28
29	29
31	30
32	32
33	33
34	34
35	35
36	39
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38	38
39	39
40	39
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49

Original Field (LANDUSE) Value	Normalized Field (StateLandUseCode) Value
50	50
51	51
52	52
53	53
54	54
55	55
56	56
57	57
58	58
59	59
60	11
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69
71	71
72	72
73	73
74	74
75	75
76	76
77	77
78	78
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81	81
82	82
83	83
84	84
85	85
88	88
89	89
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93	93
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95	95

Original Field (LANDUSE) Value	Normalized Field (StateLandUseCode) Value
96	81
97	81
98	98
99	

Island County -- 415

Current Assessor Contact Information:

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Acquired Data Files

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
IslandCountyParcels.gdb	File Geodatabase	2012-05-22	2012-05-22	NAD_1983_StatePlane_Washington_North_FIP_S_4601_Feet	Attributes downloaded from Island County's website via a Python script and stuffed into a file geodatabase created from the 2012-02-16 shapefile and the 2010-11-24 file geodatabase.
IslandCountyParcels.gdb	File Geodatabase	2012-05-22	2012-05-22	NAD_1983_StatePlane_Washington_North_FIP_S_4601_Feet	Attributes downloaded from Island County's website via a Python script and stuffed into a file geodatabase created from the 2012-02-16 shapefile and the 2010-11-24 file geodatabase.
IslandCountyParcels.gdb	File Geodatabase	2012-05-22	2012-05-22	NAD_1983_StatePlane_Washington_North_FIP_S_4601_Feet	Attributes downloaded from Island County's website via a Python script and stuffed into a file geodatabase created from the 2012-02-16 shapefile and the 2010-11-24

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
					file geodatabase.
Island_County_Parcels.shp	Shapefile	2012-02-16	2012-02-14	NAD_1983_StatePlane_Washington_North_FIPS_4601_Feet	Downloaded from: http://islandcounty.net/Assessor/ArcGISMapping.html using the 'Island County Parcels' link

Acquired Tables

Table Name:	Source Data File Name:	Normalization Date
improvement	IslandCountyParcels.gdb	2012-05-24
improvement_details	IslandCountyParcels.gdb	2012-05-24
Island_County_Parcels.shp	Island_County_Parcels.shp	2012-05-24
property	IslandCountyParcels.gdb	2012-05-24

Normalization Process

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
improvement	description	Direct	SourceType	Improvement
improvement	improvement_no	Direct	SourceImprovementID	Improvement
improvement	sqft	Direct	SquareFeetTotal	Improvement
improvement_details	area	Direct if detached building ex: carport, deck, barn, detached garage, etc.	SquareFeetTotal	Improvement
improvement_details	area	Direct, if record is for a detached garage. If for an attached or basement garage, group all garage records for each property_id/improvement_no pair, and sum.	SquareFeetGarage	Improvement
improvement_details	area	Group all basement records for each property_id/improvement_no pair, and sum.	SquareFeetBasement	Improvement
improvement_details	class_cd	Direct	Quality	Improvement
improvement_details	description	Concatenate: type, description	Description	Improvement
improvement_details	type	Concatenate: type, description	Description	Improvement
improvement_details	year_built	Direct; if description = base, for the main structure.	YearBuilt	Improvement
Island_County_Parcels.shp	addr_city	Direct; Owner	AddressCity	Name
Island_County_Parcels.shp	addr_line1	Direct; Owner	AddressLine1	Name

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
Island_County_Parcels.shp	addr_line2	Direct; Owner	AddressLine2	Name
Island_County_Parcels.shp	addr_line3	Direct; Owner	AddressLine3	Name
Island_County_Parcels.shp	addr_state	Direct; Owner	AddressState	Name
Island_County_Parcels.shp	assessed_val	Direct	TaxableValueTotal	TaxRoll
Island_County_Parcels.shp	exemptions	Direct	TaxStatus	TaxRoll
Island_County_Parcels.shp	file_as_name	Direct; Owner	Name.Name	Name
Island_County_Parcels.shp	geo_id	Direct	SourceParcelID	TaxRoll
Island_County_Parcels.shp	imprv_valu	Direct	MarketValueImprovements	TaxRoll
Island_County_Parcels.shp	land_val	Direct	MarketValueLand	TaxRoll
Island_County_Parcels.shp	legal_acre	Direct	TabularAcres	TaxRoll
Island_County_Parcels.shp	market	Direct	MarketValueTotal	TaxRoll
Island_County_Parcels.shp	PID	Concatenate: 'http://assessor.islandcounty.net/propertyaccess/Property.aspx?cid=0&year=2011&prop_id=', PID	AssessorURL	TaxRoll
Island_County_Parcels.shp	PID	Direct	TaxAccountID	TaxRoll
Island_County_Parcels.shp	situs_city	Direct	SiteAddressCity	TaxRoll
Island_County_Parcels.shp	situs_city	Concatenate: situs_num, situs_stre, situs_st_1, situs_st_2, situs_city, situs_stat, situs_zip	SiteAddressFull	TaxRoll
Island_County_Parcels.shp	situs_num	Direct	SiteAddressNumber	TaxRoll
Island_County_Parcels.shp	situs_num	Concatenate: situs_num, situs_stre, situs_st_1, situs_st_2, situs_city, situs_stat, situs_zip	SiteAddressFull	TaxRoll
Island_County_Parcels.shp	situs_stat	Concatenate: situs_num, situs_stre, situs_st_1, situs_st_2, situs_city, situs_stat, situs_zip	SiteAddressFull	TaxRoll
Island_County_Parcels.shp	situs_stre	Direct	SiteAddressStreetPrefix	TaxRoll
Island_County_Parcels.shp	situs_stre	Concatenate: situs_num, situs_stre, situs_st_1, situs_st_2, situs_city, situs_stat, situs_zip	SiteAddressFull	TaxRoll

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
Island_County_Parcels.shp	situs_stre	Concatenate: situs_stre, situs_st_1, situs_st_2	SiteAddressStreetFullName	TaxRoll
Island_County_Parcels.shp	situs_st_1	Direct	SiteAddressStreetName	TaxRoll
Island_County_Parcels.shp	situs_st_1	Concatenate: situs_num, situs_stre, situs_st_1, situs_st_2, situs_city, situs_stat, situs_zip	SiteAddressFull	TaxRoll
Island_County_Parcels.shp	situs_st_1	Concatenate: situs_stre, situs_st_1, situs_st_2	SiteAddressStreetFullName	TaxRoll
Island_County_Parcels.shp	situs_st_2	Direct	SiteAddressStreetType	TaxRoll
Island_County_Parcels.shp	situs_st_2	Concatenate: situs_num, situs_stre, situs_st_1, situs_st_2, situs_city, situs_stat, situs_zip	SiteAddressFull	TaxRoll
Island_County_Parcels.shp	situs_st_2	Concatenate: situs_stre, situs_st_1, situs_st_2	SiteAddressStreetFullName	TaxRoll
Island_County_Parcels.shp	situs_zip	Concatenate: situs_num, situs_stre, situs_st_1, situs_st_2, situs_city, situs_stat, situs_zip	SiteAddressFull	TaxRoll
Island_County_Parcels.shp	zip	Direct; Owner	AddressZip	Name
property	land_use_code	Direct	StateLandUseCode	StateLandUse, TaxRoll
property	legal_description	Direct	LegalDescription	TaxRoll
property	owner_id	Direct; Owner	NameCD	Name
property	range	map R0 to 01W, R1 to 01E, R2 to 02E, R3 to 03E, and R4 to 04E	Range	TaxRoll
property	sect	Direct	Section	TaxRoll
property	tax_area	Direct	TaxCodeArea	TaxRoll
property	township	Concatenate: township, 'N'	Township	TaxRoll

Normalization Notes

Integration Date:	2012-05-24
Integration Notes:	<p>entirely new data for 2012. Parcels shapefile downloaded from Island County website. Additional attributes acquired from Island County assessor website using python script.</p> <p>The source data shapefile was processed using the 'Repair Geometry' tool in ArcGIS with the following results: Repaired 118 features because of self intersections. FIDs: 17, 490, 502, 1167, 1177, 1314, 1317, 1337, 1893, 2431, 2496, 4175, 4621, 4621, 4931, 6332, 6873, 6880, 8138, 9733, 10922, 11192, 12061, 12061, 12536, 12738, 12745, 12764, 12893, 12935, 12953, 13360, 13551, 13608, 13626, 13740, 13742, 13744, 13758, 13767, 13768, 13819, 13863, 13871, 13886, 13923, 13924, 13925, 13929, 13931, 13932, 13934, 13988, 13990, 14019, 14025, 14027, 14035, 14771, 15298, 15362, 16167, 16203, 16252, 16260, 16266, 16268, 16272, 16279, 16343, 16345, 17367, 18037, 18080, 18253, 18253, 18607, 21536, 21552, 21555, 21558, 21561, 21581, 21601, 22249, 22470, 22471, 22640, 23008, 23533, 24811, 25008, 28458, 31013, 31725, 31819, 33363, 35710, 35713, 35727,</p>

	<p>36433, 36433, 36749, 37211, 38874, 38996, 41028, 41252, 45517, 45800, 46929, 46929, 48785, 48863</p> <p>Repaired features because of self intersections resulting in NULL geometry. Because of NULL geometry features were deleted:</p> <table border="0"> <tr><td>FID</td><td>GEOID</td></tr> <tr><td>48779</td><td>R32902-128-2170</td></tr> <tr><td>48811</td><td>S7570-00-00005-0</td></tr> <tr><td>48828</td><td>S8130-00-00019-0</td></tr> <tr><td>48862</td><td>R23330-135-3250</td></tr> </table> <p>There were two parcels with each GEOID. The ones that were deleted were slivers.</p> <p>Deleted features because of NULL geometry:</p> <table border="0"> <tr><td>FID</td><td>PARCEL</td></tr> <tr><td>48694</td><td>S6495-00-00035-0</td></tr> <tr><td>48699</td><td>S7125-00-00014-6</td></tr> <tr><td>48723</td><td>S7632-00-0000A-0</td></tr> <tr><td>48895</td><td>S8533-00</td></tr> <tr><td>48898</td><td>S8541-00-0000B-0</td></tr> <tr><td>49021</td><td>S7165-00-02007-0</td></tr> </table>	FID	GEOID	48779	R32902-128-2170	48811	S7570-00-00005-0	48828	S8130-00-00019-0	48862	R23330-135-3250	FID	PARCEL	48694	S6495-00-00035-0	48699	S7125-00-00014-6	48723	S7632-00-0000A-0	48895	S8533-00	48898	S8541-00-0000B-0	49021	S7165-00-02007-0
FID	GEOID																								
48779	R32902-128-2170																								
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48862	R23330-135-3250																								
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48694	S6495-00-00035-0																								
48699	S7125-00-00014-6																								
48723	S7632-00-0000A-0																								
48895	S8533-00																								
48898	S8541-00-0000B-0																								
49021	S7165-00-02007-0																								
QAQC Date:	2012-07-17																								
QAQC Notes:	<p>PolyID=415000000000; ProcessParcelFlattened=2; confirmed source data (Island_County_Parcels.shp) has 2 instances polygon. TEXTSTRING: S6023-00, and S6023-00-Open. Correctly flattened into single polygon.</p> <p>PolyID=415000048834; ProcessParcelAggregated=2; confirm two records with same source parcel id (TEXTSTRING=S7525-02-00323-0). Both records were for different polygons (different GIS_Acres). Varified with PolyID=415000048944; ProcessParcelAggregated=3; also found 3 records in source parcel id (TEXTSTRING=S6164-02-0000B-0) for different polygons (different GIS_Acres). Aggregated correctly.</p> <p>NameID=415000032757; ProcessNameFlattened=2; confirm 2 records for MERRILL, SHARON L in Island_County_Parcels_RepairGeometry.dbf. NameID=NameID=415000030365; ProcessNameFlattened=12; there was only one record in source data, but there were 12 different improvements that resulted in 12 different name records that were flattened correctly.</p>																								

Jefferson County -- 416

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Acquired Data Files

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
Various	Shapefile & DBF	2012-02-10	2012-02-01	NAD_1983_StatePlane_Washington_North_FIPS_4601_Feet	received in mail on CD-R from Pat Perryman
Various	Shapefile & DBF	2012-02-10	2012-02-01	NAD_1983_StatePlane_Washington_North_FIPS_4601_Feet	received in mail on CD-R from Pat Perryman
web_attributes.mdb	ESRI Personal Geodatabase	2012-05-02	2012-05-02	NA	Created from the Jefferson County Assessor website using: >2012_GetJeffersonAttributes_Threaded.py and >2012_GetJeffersonAttributes_BUILDING_Threaded.py in the conifer directory: Statewide Parcel Database\Tools\GetJefferson\GetJefferson 2012.zip
web_attributes.mdb	ESRI Personal Geodatabase	2012-05-02	2012-05-02	NA	Created from the Jefferson County Assessor website using: >2012_GetJeffersonAttributes_Threaded.py and >2012_GetJeffersonAttributes_BUILDING_Threaded.py in the conifer directory: Statewide Parcel Database\Tools\GetJefferson\GetJefferson 2012.zip

Acquired Tables

Table Name:	Source Data File Name:	Normalization Date
Jefferson12.shp	Various	2012-05-03
RPMST2AC.DBF	Various	2012-05-03
web_attributes	web_attributes.mdb	2012-05-03
web_attributes_building	web_attributes.mdb	2012-05-03

Normalization Process

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
Jefferson12.shp	Land_Use	Use LandUse_JEFF_Crosswalk	StateLandUseCode	StateLandUse, TaxRoll
Jefferson12.shp	LU_Desc	Direct	SourceLandUseDescription	TaxRoll
Jefferson12.shp	PIN_STRING	Direct	SourceParcelID	TaxRoll

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
Jefferson12.shp	PIN_STRING	When no value for AssessorURL in web_attributes, concatenate: 'http://www.co.jefferson.wa.us/assessors/parcel/parceldetail.asp?PARCEL_NO=', PIN_STRING	AssessorURL	TaxRoll
RPMST2AC.DBF	AC_IMP	Direct	ImprovedAcres	TaxRoll
RPMST2AC.DBF	AC_UNIM	Direct	UnimprovedAcres	TaxRoll
RPMST2AC.DBF	DESC1	When no value for LegalDescription in web_attributes concatenate: DESC1, DESC2	LegalDescription	TaxRoll
RPMST2AC.DBF	DESC2	When no value for LegalDescription in web_attributes concatenate: DESC1, DESC2	LegalDescription	TaxRoll
RPMST2AC.DBF	TAXCODE	Direct	TaxCodeArea	TaxRoll
RPMST2AC.DBF	TAXPAYER	Direct; Taxpayer	NameCD	Name
RPMST2AC.DBF	TAX_STAT	Direct	TaxStatus	TaxRoll
RPMST2AC.DBF	VAL_BLDG	Direct	MarketValueImprovements	TaxRoll
RPMST2AC.DBF	VAL_IMP	Direct	MarketValueImprovedLand	TaxRoll
RPMST2AC.DBF	VAL_TIMB	Direct	MarketValueTimberLand	TaxRoll
RPMST2AC.DBF	VAL_UNIM	Direct	MarketValueUnimprovedLand	TaxRoll
web_attributes	AddressCity	Direct; Owner	AddressCity	Name
web_attributes	AddressLine1	Direct; Owner	AddressLine1	Name
web_attributes	AddressLine2	Direct; Owner	AddressLine2	Name
web_attributes	AddressLine3	Direct; Owner	AddressLine3	Name
web_attributes	AddressState	Direct; Owner	AddressState	Name
web_attributes	AddressZip	Direct; Owner	AddressZip	Name
web_attributes	AssessorURL	Direct when has value	AssessorURL	TaxRoll
web_attributes	LegalDescription	Direct when has value	LegalDescription	TaxRoll
web_attributes	Name	Direct; Owner	Name.Name	Name
web_attributes	QuarterSection	Direct	QuarterSection	TaxRoll
web_attributes	Range	Direct	Range	TaxRoll
web_attributes	Section_	Direct	Section	TaxRoll
web_attributes	SiteAddressCity	Direct	SiteAddressCity	TaxRoll
web_attributes	SiteAddressCity	Concatenate: SiteAddressNumber, SiteAddressStre	SiteAddressFull	TaxRoll

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
		etFullName, SiteAddressCity , SiteAddressZip		
web_attributes	SiteAddressNumber	Direct	SiteAddressNumber	TaxRoll
web_attributes	SiteAddressNumber	Concatenate: SiteAddressNumber, SiteAddressStreetFullName, SiteAddressCity , SiteAddressZip	SiteAddressFull	TaxRoll
web_attributes	SiteAddressStreetFullName	Direct	SiteAddressStreetFullName	TaxRoll
web_attributes	SiteAddressStreetFullName	Concatenate: SiteAddressNumber, SiteAddressStreetFullName, SiteAddressCity , SiteAddressZip	SiteAddressFull	TaxRoll
web_attributes	SiteAddressZip	Concatenate: SiteAddressNumber, SiteAddressStreetFullName, SiteAddressCity , SiteAddressZip	SiteAddressFull	TaxRoll
web_attributes	Township	Direct	Township	TaxRoll
web_attributes_building	Addition1Area	If Addition1Type in (Barn, Carport, Deck, Garage, Shed) add as independent structure on parcel	SquareFeetTotal	Improvement
web_attributes_building	Addition1Exterior	If Addition1Type in (Barn, Carport, Deck, Garage, Shed) add as independent structure on parcel	SidingMaterial	Improvement
web_attributes_building	Addition1Roof	If Addition1Type in (Barn, Carport, Deck, Garage, Shed) add as independent structure on parcel	RoofMaterial	Improvement
web_attributes_building	Addition1Type	If Addition1Type in (Barn, Carport, Deck, Garage, Shed) add as independent structure on parcel	SourceType	Improvement
web_attributes_building	Addition2Area	If Addition2Type in (Barn, Carport, Deck, Garage, Shed) add as independent structure on parcel	SquareFeetTotal	Improvement
web_attributes_building	Addition2Exterior	If Addition2Type in (Barn, Carport, Deck, Garage, Shed) add as independent structure on parcel	SidingMaterial	Improvement

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
web_attributes_building	Addition2Roof	If Addition2Type in (Barn, Carport, Deck, Garage, Shed) add as independent structure on parcel	RoofMaterial	Improvement
web_attributes_building	Addition2Type	If Addition2Type in (Barn, Carport, Deck, Garage, Shed) add as independent structure on parcel	SourceType	Improvement
web_attributes_building	BasementArea	Direct	SquareFeetBasement	Improvement
web_attributes_building	BuildingNumber	Direct	SourceImprovementID	Improvement
web_attributes_building	BuildingStyle	Concatenate: BuildingStyle, GarageType	Description	Improvement
web_attributes_building	BuildingType	Direct	SourceType	Improvement
web_attributes_building	Exterior	Concatenate: Exterior, GarageExterior	SidingMaterial	Improvement
web_attributes_building	Foundation	Direct	FoundationType	Improvement
web_attributes_building	GarageArea	Direct if CarportSquareFootage is Null; Sum of GarageArea and CarportSquareFootage if both have values; CarportSquareFootage only if GarageArea is Null.	SquareFeetGarage	Improvement
web_attributes_building	GarageType	If not blank, concatenate with 'Garage'. Concatenate: BuildingStyle, GarageType	Description	Improvement
web_attributes_building	MobileHomeYearBuilt	If structure is a mobile home, use this for year built, unless it equals 0 or is blank, then use YearBuilt	YearBuilt	Improvement
web_attributes_building	NumberOfBedrooms	Direct	NumberBedrooms	Improvement
web_attributes_building	NumberOfFullBathrooms	(NumberOfFullBathrooms * 1) + (NumberOfHalfBathrooms * 0.5)	NumberBathrooms	Improvement
web_attributes_building	NumberOfHalfBathrooms	(NumberOfFullBathrooms * 1) + (NumberOfHalfBathrooms * 0.5)	NumberBathrooms	Improvement
web_attributes_building	RoofCover	Concatenate: RoofCover, GarageRoof	RoofMaterial	Improvement
web_attributes_building	TotalArea	Direct	SquareFeetTotal	Improvement

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
web_attributes_building	YearBuilt	If structure is not a mobile home (or it is a mobile home, but MobileHomeYearBuilt is 0 or blank), use this for year built	YearBuilt	Improvement
web_attributes_building	YearRemodeled	Direct	YearRenovated	Improvement

Normalization Notes

Integration Date:	2012-05-03
Integration Notes:	<p>Jefferson12.shp is the same as Jefferson02_10.shp from 2010.</p> <p>2012 file: RPMST2AC.DBF is the same as 2010 file: RPMST2AR.DBF except that it is missing attribute: AC_TIMB.</p> <p>One record in RPMST2AC.DBF had a PARCEL value of '9423000037' which is one digit too long (10 instead of 9). One of the zeros was removed to make it 942300037.</p> <p>There are two parcels each with PIN_STRING values: 948305202 and 948328505. The two with 948305202 overlap each other as do the two with 948328505. When they are aggregated into a multi-part polygon they cannot overlap, so modifications were made as follows, manually editing in ArcMap: The SW corner of eastern 948328502 moved. The NW and SW corner of eastern 948328505 moved. The NE and NW corners of southern 948305202 moved. The NW corner of of southern 948305203 moved.</p>
QAQC Date:	2012-07-18
QAQC Notes:	<p>PolyID=416000027737; ProcessParcelAggregated=4; confirmed 4 adjacent polygons with same PIN_STRING (958700001) in source Jefferson12_RepairGeometry.shp. Aggregated correctly.</p> <p>NameID=416000002536; ProcessNameFlattened=3; confirmed 3 records for CHARLES SHAW in source data (web_attributes.mdb); SourceParcelIDs:998300002, 963302104, 947200003. Name flattened correctly.</p>

Normalization Process -- Attribute Value Translation

Original Field (Land_Use) Value	Normalized Field (StateLandUseCode) Value
0	0
1100	11
1101	15
1103	15
1104	15
1200	12
1300	13
1400	14
1420	14
1500	15

Original Field (Land_Use) Value	Normalized Field (StateLandUseCode) Value
1600	16
1700	17
1900	19
2000	39
2400	24
2450	24
2600	26
3200	32
3262	32
3270	32
3300	33
3432	33
3443	39
4111	41
4212	41
4300	43
4315	43
4411	44
4590	45
4600	46
4711	47
4800	48
4805	48
4833	48
4841	48
4854	48
5000	50
5100	50
5192	51
5195	51
5199	51
5200	52
5300	53
5360	53
5370	53
5400	54
5410	54
5500	55
5530	55
5600	56
5700	57

Original Field (Land_Use) Value	Normalized Field (StateLandUseCode) Value
5800	58
5810	58
5820	58
5830	58
5900	59
5920	59
5932	59
5969	59
6000	61
6100	61
6154	61
6200	62
6242	62
6300	63
6375	63
6400	64
6412	64
6500	65
6513	65
6600	66
6700	67
6721	67
6722	67
6730	67
6800	68
6900	69
6911	69
7111	71
7112	71
7119	71
7200	72
7221	72
7239	72
7311	73
7400	74
7441	74
7442	74
7500	75
7519	75
7600	76
7610	76

Original Field (Land_Use) Value	Normalized Field (StateLandUseCode) Value
7620	76
7650	76
7670	76
7690	76
7700	77
7900	79
8000	82
8100	83
8110	94
8120	95
8130	99
8300	88
8400	84
8543	85
8900	89
9100	91
9120	69
9150	91
9300	93
9600	91
9700	99
9720	91
9725	91
9730	91
9800	99
9903	99

King County -- 417

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Acquired Data Files

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
CUT_Transfer.gdb	ESRI File Geodatabase	2012-05-02	2012-05-02	NAD_1983_HARN_StatePlane_Washington_North_FIPS_4601	Provided by Todd Klinka through the King County FTP server at: ftp://green.kingcounty.gov/transfer/UW/ . Contains the CUT timberland and forestland parcels for King County
CUT_Transfer.gdb	ESRI File Geodatabase	2012-05-02	2012-05-02	NAD_1983_HARN_StatePlane_Washington_North_FIPS_4601	Provided by Todd Klinka through the King County FTP server at: ftp://green.kingcounty.gov/transfer/UW/ . Contains the CUT timberland and forestland parcels for King County
EXTR_RPAcct.csv	CSV	2012-02-21	2012-02-10	NA	downloaded from: http://kcasessments.homestead.com/RealProperty.html pass word: feb2012asr
Various	File Geodatabase & CSV	2012-02-01	2011-08-24	NAD_1983_HARN_StatePlane_Washington_North_FIPS_4601_Feet	This is the 2012 database cd.zip downloaded from: http://info.kingcounty.gov/assessor/DataDownload/default.aspx propertyGDB.zip downloaded from: http://www5.kingcounty.gov/gisdataportal/Default.aspx
Various	File Geodatabase & CSV	2012-02-01	2012-01-27	NAD_1983_HARN_StatePlane_Washington_North_FIPS_4601_Feet	This is the 2012 database cd.zip downloaded from: http://info.kingcounty.gov/assessor/DataDownload/default.aspx propertyGDB.zip downloaded from: http://www5.kingcounty.gov/gisdataportal/Default.aspx

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
Various	File Geodatabase & CSV	2012-02-01	2012-01-27	NAD_1983_HARN_StatePlane_Washington_North_FIPS_4601_Feet	<p>This is the 2012 database</p> <p>cd.zip downloaded from: http://info.kingcounty.gov/assessor/DataDownload/default.aspx</p> <p>propertyGDB.zip downloaded from: http://www5.kingcounty.gov/gisdataportal/Default.aspx</p>
Various	File Geodatabase & CSV	2012-02-01	2012-01-27	NAD_1983_HARN_StatePlane_Washington_North_FIPS_4601_Feet	<p>This is the 2012 database</p> <p>cd.zip downloaded from: http://info.kingcounty.gov/assessor/DataDownload/default.aspx</p> <p>propertyGDB.zip downloaded from: http://www5.kingcounty.gov/gisdataportal/Default.aspx</p>
Various	File Geodatabase & CSV	2012-02-01	2012-01-27	NAD_1983_HARN_StatePlane_Washington_North_FIPS_4601_Feet	<p>This is the 2012 database</p> <p>cd.zip downloaded from: http://info.kingcounty.gov/assessor/DataDownload/default.aspx</p> <p>propertyGDB.zip downloaded from: http://www5.kingcounty.gov/gisdataportal/Default.aspx</p>
Various	File Geodatabase & CSV	2012-02-01	2012-01-27	NAD_1983_HARN_StatePlane_Washington_North_FIPS_4601_Feet	<p>This is the 2012 database</p> <p>cd.zip downloaded from: http://info.kingcounty.gov/assessor/DataDownload/default.aspx</p> <p>propertyGDB.zip downloaded from: http://www5.kingcounty.gov/gisdataportal/Default.aspx</p>

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
					/Default.aspx
Various	File Geodatabase & CSV	2012-02-01	2012-01-27	NAD_1983_HARN_StatePlane_Washington_North_FIPS_4601_Feet	This is the 2012 database cd.zip downloaded from: http://info.kingcounty.gov/assessor/DataDownload/default.aspx propertyGDB.zip downloaded from: http://www5.kingcounty.gov/gisdataportal/Default.aspx
Various	File Geodatabase & CSV	2012-02-01	2012-01-27	NAD_1983_HARN_StatePlane_Washington_North_FIPS_4601_Feet	This is the 2012 database cd.zip downloaded from: http://info.kingcounty.gov/assessor/DataDownload/default.aspx propertyGDB.zip downloaded from: http://www5.kingcounty.gov/gisdataportal/Default.aspx
Various	File Geodatabase & CSV	2012-02-01	2012-01-27	NAD_1983_HARN_StatePlane_Washington_North_FIPS_4601_Feet	This is the 2012 database cd.zip downloaded from: http://info.kingcounty.gov/assessor/DataDownload/default.aspx propertyGDB.zip downloaded from: http://www5.kingcounty.gov/gisdataportal/Default.aspx

Acquired Tables

Table Name:	Source Data File Name:	Normalization Date
EXTR_Accessory_V.csv	Various	2012-05-08
EXTR_AptComplex.csv	Various	2012-05-08
EXTR_CommBldg.csv	Various	2012-05-08
EXTR_CondoComplex.csv	Various	2012-05-08
EXTR_CondoUnit.csv	Various	2012-05-08

Table Name:	Source Data File Name:	Normalization Date
EXTR_Legal.csv	Various	2012-05-08
EXTR_Parcel.csv	Various	2012-05-08
EXTR_ResBldg.csv	Various	2012-05-08
EXTR_RPAcct.csv	EXTR_RPAcct.csv	2012-05-08
ForestCUT_May2012	CUT_Transfer.gdb	2012-05-08
PBRSTimber_May2012	CUT_Transfer.gdb	2012-05-08
pin_address	Various	2012-05-08

Normalization Process

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
EXTR_Accessory_V.csv	AccyDescr	Direct	Description	Improvement
EXTR_Accessory_V.csv	AccyType	Concatenate: AccyType, AccyType_mapped (calculated using metadata)	Type	Improvement
EXTR_Accessory_V.csv	Grade	Direct	Quality	Improvement
EXTR_Accessory_V.csv	Size	Direct	SquareFeetTotal	Improvement
EXTR_AptComplex.csv	BldgQuality	Translated from number to text in FME using KCGIS metadata	Quality	Improvement
EXTR_AptComplex.csv	ComplexDescr	Direct	Description	Improvement
EXTR_AptComplex.csv	Condition	Translated from number to text in FME using KCGIS metadata	Condition	Improvement
EXTR_AptComplex.csv	NbrStories	Direct	NumberStories	Improvement
EXTR_AptComplex.csv	YrBuilt	Direct	YearBuilt	Improvement
EXTR_CommBldg.csv	BldgDescr	Concatenate: BldgDescr, PredominantUse	Description	Improvement
EXTR_CommBldg.csv	BldgGrossSqFt	Direct	SquareFeetTotal	Improvement
EXTR_CommBldg.csv	BldgNbr	Direct	SourceImprovementID	Improvement
EXTR_CommBldg.csv	BldgQuality	Translated from number to text in FME using KCGIS metadata	Quality	Improvement
EXTR_CommBldg.csv	NbrStories	Direct	NumberStories	Improvement
EXTR_CommBldg.csv	PredominantUse	Concatenate: BldgDescr, PredominantUse	Description	Improvement
EXTR_CondoComplex.csv	BldgQuality	Translated from number to text in FME using KCGIS metadata	Quality	Improvement

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
EXTR_CondoComplex.csv	ComplexDescr	Direct	Description	Improvement
EXTR_CondoComplex.csv	ComplexType	Translated from number to text in FME using KCGIS metadata. Concatenate: property_condocomplex_extr:COMPLEXTYPE, property_parcel_extr:UNITTYPE	Type	Improvement
EXTR_CondoComplex.csv	Condition	Translated from number to text in FME using KCGIS metadata	Condition	Improvement
EXTR_CondoComplex.csv	NbrStories	Direct	NumberStories	Improvement
EXTR_CondoComplex.csv	YrBuilt	Direct	YearBuilt	Improvement
EXTR_CondoUnit.csv	Bath3qtrCount	Add together: (0.75*Bath3qtrCount) + BathFullCount + (0.5*BathHalfCount)	NumberBathrooms	Improvement
EXTR_CondoUnit.csv	BathFullCount	Add together: (0.75*Bath3qtrCount) + BathFullCount + (0.5*BathHalfCount)	NumberBathrooms	Improvement
EXTR_CondoUnit.csv	BathHalfCount	Add together: (0.75*Bath3qtrCount) + BathFullCount + (0.5*BathHalfCount)	NumberBathrooms	Improvement
EXTR_CondoUnit.csv	BldgNbr	Direct	SourceImprovementID	Improvement
EXTR_CondoUnit.csv	Condition	Translated from number to text in FME using KCGIS metadata	Condition	Improvement
EXTR_CondoUnit.csv	Grade	Translated from number to text in FME using KCGIS metadata	Condition	Improvement
EXTR_CondoUnit.csv	MHomeDescr	Direct	Description	Improvement
EXTR_CondoUnit.csv	NbrBedrooms	Direct	NumberBedrooms	Improvement
EXTR_CondoUnit.csv	UnitQuality	Translated from number to text in FME using KCGIS metadata	Quality	Improvement
EXTR_CondoUnit.csv	UnitType	Translated from number to text in FME using KCGIS metadata. Concatenate: property_condocomplex_extr:COMPLEXTYPE, property_parcel	Type	Improvement

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
		_extr:UNITTYPE		
EXTR_CondoUnit.csv	YrBuilt	Direct	YearBuilt	Improvement
EXTR_Legal.csv	LegalDesc	Direct; Truncated to first 993 characters + '_TRUNC' if longer than 1000	LegalDescription	TaxRoll
EXTR_Parcel.csv	LevyCode	Direct	TaxCodeArea	TaxRoll
EXTR_Parcel.csv	PresentUse	Use LandUse_KING_Crosswalk; Use additional shapefiles (cut_ag_29092009, ForestCUT2008_n_o_other_CUT, cut_pbrs_tim) to set StateLandUseCD for ag(83), forestland(88), timberland(95) Current Use Tax program parcels	StateLandUseCode	StateLandUse, TaxRoll
EXTR_Parcel.csv	PropType	Concatenate PropType, TaxStat, TaxValReason	TaxStatus	TaxRoll
EXTR_Parcel.csv	QuarterSection	Direct	QuarterSection	TaxRoll
EXTR_Parcel.csv	Range	Direct	Range	TaxRoll
EXTR_Parcel.csv	Section	Direct	Section	TaxRoll
EXTR_Parcel.csv	Township	Direct	Township	TaxRoll
EXTR_ResBldg.csv	Bath3qtrCount	Add together: BATH3QTRCOUNT, BATHFULLCOUNT, BATHHALFCOUNT	NumberBathrooms	Improvement
EXTR_ResBldg.csv	BathFullCount	Add together: BATH3QTRCOUNT, BATHFULLCOUNT, BATHHALFCOUNT	NumberBathrooms	Improvement
EXTR_ResBldg.csv	BathHalfCount	Add together: BATH3QTRCOUNT, BATHFULLCOUNT, BATHHALFCOUNT	NumberBathrooms	Improvement
EXTR_ResBldg.csv	Bedrooms	Direct	NumberBedrooms	Improvement
EXTR_ResBldg.csv	BldgGrade	Translated from number to text in FME using KCGIS metadata	Quality	Improvement
EXTR_ResBldg.csv	Condition	Translated from number to text in FME using KCGIS metadata	Condition	Improvement
EXTR_ResBldg.csv	SqFt1stFloor	Add together: SQFT1STFLOOR, SQFT2NDFLOOR, SQFTENCLOSEDPORCH, SQFTGARAGEATTACHED, SQFTHALFFLOOR, SQFTOPENPORCH, SQFTTOTBASEMENT	SquareFeetTotal	Improvement

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
		, SQFTUPPERFLOOR		
EXTR_ResBldg.csv	SqFt1stFloor	Add together: SQFT1STFLOOR, SQFTENCLOSEDPORCH, SQFTOPENPORCH, SQFTGARAGEATTACHED	SquareFeetFootprint	Improvement
EXTR_ResBldg.csv	SqFt2ndFloor	Add together: SQFT1STFLOOR, SQFT2NDFLOOR, SQFTENCLOSEDPORCH, SQFTGARAGEATTACHED, SQFTHALFFLOOR, SQFTOPENPORCH, SQFTTOTBASEMENT, SQFTUPPERFLOOR	SquareFeetTotal	Improvement
EXTR_ResBldg.csv	SqFtEnclosedPorch	Add together: SQFT1STFLOOR, SQFT2NDFLOOR, SQFTENCLOSEDPORCH, SQFTGARAGEATTACHED, SQFTHALFFLOOR, SQFTOPENPORCH, SQFTTOTBASEMENT, SQFTUPPERFLOOR	SquareFeetTotal	Improvement
EXTR_ResBldg.csv	SqFtEnclosedPorch	Add together: SQFT1STFLOOR, SQFTENCLOSEDPORCH, SQFTOPENPORCH, SQFTGARAGEATTACHED	SquareFeetFootprint	Improvement
EXTR_ResBldg.csv	SqFtGarageAttached	Add together: SQFT1STFLOOR, SQFT2NDFLOOR, SQFTENCLOSEDPORCH, SQFTGARAGEATTACHED, SQFTHALFFLOOR, SQFTOPENPORCH, SQFTTOTBASEMENT, SQFTUPPERFLOOR	SquareFeetTotal	Improvement
EXTR_ResBldg.csv	SqFtGarageAttached	Direct	SquareFeetGarage	Improvement
EXTR_ResBldg.csv	SqFtGarageAttached	Add together: SQFT1STFLOOR, SQFTENCLOSEDPORCH, SQFTOPENPORCH, SQFTGARAGEATTACHED	SquareFeetFootprint	Improvement
EXTR_ResBldg.csv	SqFtGarageBasement	Direct	SquareFeetGarage	Improvement
EXTR_ResBldg.csv	SqFtHalfFloor	Add together: SQFT1STFLOOR, SQFT2NDFLOOR,	SquareFeetTotal	Improvement

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
		SQFTENCLOSEDPORCH, SQFTGARAGEATTACHED, SQFTHALFFLOOR, SQFTOPENPORCH, SQFTTOTBASEMENT , SQFTUPPERFLOOR		
EXTR_ResBldg.csv	SqFtOpenPorch	Add together: SQFT1STFLOOR, SQFT2NDFLOOR, SQFTENCLOSEDPORCH, SQFTGARAGEATTACHED, SQFTHALFFLOOR, SQFTOPENPORCH, SQFTTOTBASEMENT , SQFTUPPERFLOOR	SquareFeetTotal	Improvement
EXTR_ResBldg.csv	SqFtOpenPorch	Add together: SQFT1STFLOOR, SQFTENCLOSEDPORCH, SQFTOPENPORCH, SQFTGARAGEATTACHED	SquareFeetFootprint	Improvement
EXTR_ResBldg.csv	SqFtTotBasement	Add together: SQFT1STFLOOR, SQFT2NDFLOOR, SQFTENCLOSEDPORCH, SQFTGARAGEATTACHED, SQFTHALFFLOOR, SQFTOPENPORCH, SQFTTOTBASEMENT , SQFTUPPERFLOOR	SquareFeetTotal	Improvement
EXTR_ResBldg.csv	SqFtTotBasement	Direct	SquareFeetBasement	Improvement
EXTR_ResBldg.csv	SqFtUpperFloor	Add together: SQFT1STFLOOR, SQFT2NDFLOOR, SQFTENCLOSEDPORCH, SQFTGARAGEATTACHED, SQFTHALFFLOOR, SQFTOPENPORCH, SQFTTOTBASEMENT , SQFTUPPERFLOOR	SquareFeetTotal	Improvement
EXTR_ResBldg.csv	Stories	Direct	NumberStories	Improvement
EXTR_ResBldg.csv	YrBuilt	Direct	YearBuilt	Improvement
EXTR_ResBldg.csv	YrRenovated	Direct	YearRenovated	Improvement
EXTR_RPAcct.csv	AcctNbr	Direct	TaxAccountID	TaxRoll
EXTR_RPAcct.csv	AddrLine	Direct	AddressLine2	Name

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
EXTR_RPAcct.csv	ApprImpsVal	Direct	MarketValueImprovements	TaxRoll
EXTR_RPAcct.csv	ApprLandVal	Direct	MarketValueLand	TaxRoll
EXTR_RPAcct.csv	AttnLine	Direct	AddressLine1	Name
EXTR_RPAcct.csv	CityState	First through 4th to last characters; FME Substring (0,-4)	AddressCity	Name
EXTR_RPAcct.csv	CityState	Last two characters; FME Substring (-2,-1)	AddressState	Name
EXTR_RPAcct.csv	CityState	If FME Substring(-2,-1), the last two characters, are not a valid USPS State abbreviation, CityState is renamed AddressLine3	AddressLine3	Name
EXTR_RPAcct.csv	TaxableImpsVal	Direct	TaxableValueImprovements	TaxRoll
EXTR_RPAcct.csv	TaxableLandVal	Direct	TaxableValueLand	TaxRoll
EXTR_RPAcct.csv	TaxpayerName	Direct; Taxpayer	Name.Name	Name
EXTR_RPAcct.csv	TaxStat	Concatenate: property_parcel_extr:PROPTYPE, property_resbldg_extr:TaxStat, property_resbldg_extr:TaxValReason	TaxStatus	TaxRoll
EXTR_RPAcct.csv	TaxValReason	Concatenate: property_parcel_extr:PROPTYPE, property_resbldg_extr:TaxStat, property_resbldg_extr:TaxValReason	TaxStatus	TaxRoll
EXTR_RPAcct.csv	ZipCode	Direct	AddressZip	Name
ForestCUT_May2012	PIN	These parcels used to select parcels in property_pin_address and set StateLandUseCD to 88 for those parcels	StateLandUseCode	StateLandUse, TaxRoll
PBRSTimber_May2012	PIN	These parcels used to select parcels in property_pin_address and set StateLandUseCD to 95 for those parcels	StateLandUseCode	StateLandUse, TaxRoll
pin_address	ADDRESS	Concatenate ADDRESS, ZIPCODE	SiteAddressFull	TaxRoll
pin_address	NAME	Direct	SiteAddressStreetName	TaxRoll

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
pin_address	NAME	Concatenate PREFIX, NAME, ST_TYPE, SUFFIX	SiteAddressStreetFullName	TaxRoll
pin_address	NUM	Direct	SiteAddressNumber	TaxRoll
pin_address	PIN	Direct	SourceParcelID	TaxRoll
pin_address	PREFIX	Direct	SiteAddressStreetPrefix	TaxRoll
pin_address	PREFIX	Concatenate PREFIX, NAME, ST_TYPE, SUFFIX	SiteAddressStreetFullName	TaxRoll
pin_address	ST_TYPE	Direct	SiteAddressStreetType	TaxRoll
pin_address	ST_TYPE	Concatenate PREFIX, NAME, ST_TYPE, SUFFIX	SiteAddressStreetFullName	TaxRoll
pin_address	SUFFIX	Direct	SiteAddressStreetSuffix	TaxRoll
pin_address	SUFFIX	Concatenate PREFIX, NAME, ST_TYPE, SUFFIX	SiteAddressStreetFullName	TaxRoll
pin_address	ZIPCODE	Concatenate ADDRESS, ZIPCODE	SiteAddressFull	TaxRoll

Normalization Notes

Integration Date:	2012-05-08
Integration Notes:	<p>No DVD this year. All data downloaded from King County GIS website. Files appear to be the same, but with slightly different names.</p> <p>---file: pin_address--- 2010 attributes removed in 2012: PIN, APPLGROUP</p> <p>Attributes renamed between 2010 and 2012: STRM --> Stream SITEACCESS --> Access</p> <p>---file: EXTR_AptComplex.csv--- 2010 attributes removed in 2012: OBJECTID, PIN</p> <p>Attributes renamed between 2010 and 2012: DESCRIPTION --> ComplexDescr NUMBLDGS --> NbrBldgs NUMSTRS --> NbrStories NUMUNITS --> NbrUnits AVGUSIZE --> AvgUnitSize PROJLOC --> ProjectLocation PROJAPP --> ProjectAppeal PCTWVIEW --> PcntWithView CONCLASS --> ConstrClass PCTCOMPLETE --> PcntComplete SECURITY --> SectySystem SITUSADDRESS --> Address</p>

---file: EXTR_CommBldg.csv---
2010 attributes removed in 2012:
OBJECTID, PIN

Attributes renamed between 2010 and 2012:
SITUSADDRESS --> Address
BLDDESCR --> BldgDescr

---file: EXTR_CondoComplex.csv---
2010 attributes removed in 2012:
OBJECTID, PIN

Attributes renamed between 2010 and 2012:
SITUSADDRESS --> Address

---file: EXTR_CondoUnit.csv---
2010 attributes removed in 2012:
OBJECTID, PIN

Attributes renamed between 2010 and 2012:
BLDGNUM --> BldgNbr
UNITNUM --> UnitNbr
PCTOWNERSHIP --> PcntOwnership
UNITLOCATION --> UnitLoc
FLRNUM --> FloorNbr
TOPFLR --> TopFloor
FT --> Footage
NUMBEDS --> NbrBedrooms
BATHFULL --> BathFullCount
BATHHALF --> BathHalfCount
BATH3QTR --> Bath3qtrCount
OTHRM --> OtherRoom
VWMT --> ViewMountain
VWLAKERIVER --> ViewLakeRiver
VWCITYTERR --> ViewCityTerritorial
VWPS --> ViewPugetSound
VWLAKEWASAMM --> ViewLakeWaSamm
PARKOPEN --> PkgOpen
PARKCARPORT --> PkgCarport
PARKBASEMENT --> PkgBasement
PARKBASEMENTT --> PkgBasementTandem
PARKGARAGE --> PkgGarage
PARKGARAGET --> PkgGarageTandem
PARKOTHER --> PkgOtherType
MOBHOMELLENGTH --> Length
MOBHOMEWTH --> Width
MOBHOMERYBLT --> YrBuilt
MOBHOMEGR --> Grade
MOBHOMEDESC --> MHomeDescr
KCANUMBER --> KCANbr
PERPROPACTNUM --> PersPropAcctNbr

---file: EXTR_ResBldg.csv---
2010 attributes removed in 2012:
OBJECTID, PIN

Attributes renamed between 2010 and 2012:
SITUSADDRESS --> Address

QAQC Date: 2012-07-18

QAQC Notes: PolyID=417000000015; ProcessParcelFlattened=3; confirmed 3 instances of MAJOR=243370 in source data (KingCounty_931GDB_property.gdb, parcel_area). Also checked PolyID=417000000024; ProcessParcelFlattened=7; it had 7 instances of MAJOR=322204 in source data. Flattened correctly.

PolyID=417000034702; ProcessParcelAggregated=3; confirmed 3 polygons in source data (KingCounty_931GDB_property.gdb, parcel_area)with the same PIN (951220TRCT). Parcels aggregated correctly.

NameID=417000004698; ProcessNameFlattened=2; confirmed 2 records for HEAK SIVLANG in sourced data (EXTR_RPAcct.csv).

NameID=417000031713; ProcessNameFlattened=4; NameID=417000006268; ProcessNameFlattened=4; both of these NameIDs are for the same name (ROSSI STEPHEN), however in source data (EXTR_RPAcct.csv) there are 6 records for ROSSI STEPHEN and 2 of them have a different ZipCode. AcctNbr for the 6 records are: 335640642500, 335640646006, 221250030006, 221250027002, 221250024009, 221250025006. Names are flattened correctly.

Normalization Process -- Attribute Value Translation

Original Field (PresentUse) Value	Normalized Field (StateLandUseCode) Value
0	0
2	11
3	12
4	12
5	12
6	18
7	18
8	15
9	18
11	13
16	13
17	13
18	13
20	14
25	14
29	18
38	15
48	14
49	17
51	16
55	17
56	17
57	17
58	75
59	17
60	59
61	59
62	59
63	59

Original Field (PresentUse) Value	Normalized Field (StateLandUseCode) Value
64	59
96	59
101	59
104	59
105	59
106	65
118	65
122	65
126	50
130	81
137	82
138	85
140	73
141	76
142	74
143	74
145	74
146	74
147	74
149	76
150	76
152	74
153	74
156	74
157	71
159	46
160	72
161	55
162	61
163	63
165	72
166	72
167	54
168	55
171	58
172	67
173	62
179	62
180	46
182	46
183	58

Original Field (PresentUse) Value	Normalized Field (StateLandUseCode) Value
184	68
185	68
186	55
188	58
189	67
190	62
191	54
193	62
194	64
195	39
202	39
210	39
216	39
223	39
245	39
246	39
247	43
252	39
261	41
262	84
263	82
264	42
266	48
267	48
271	44
272	18
273	63
274	59
275	58
276	51
277	76
278	59
279	79
280	99
299	99
300	99
301	99
309	99
316	99
323	89
324	88

Original Field (PresentUse) Value	Normalized Field (StateLandUseCode) Value
325	88
326	94
327	83
328	91
330	99
331	99
332	45
333	93
334	93
335	93
336	99
337	93
339	44
340	16
341	17
342	17

Kitsap County -- 418

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Acquired Data Files

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
building.dbf	DBF	2012-02-16	2012-02-15	NA	downloaded from: ftp://kcwppub3.co.kitsap.wa.us/gis/datacad/arcview/layers/atsinfo/
Various	Shapefile, ASC & DBF	2012-02-08	2012-02-08	NAD_1983_StatePlane_Washington_North_FIPS_4601_Feet	downloaded from: http://kcwppub3.co.kitsap.wa.us/pub_disc/

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
Various	Shapefile, ASC & DBF	2012-02-08	2012-02-03	NAD_1983_StatePlane_Washington_North_FIPS_4601_Feet	downloaded from: http://kcwppub3.co.kitsap.wa.us/pub_disc/
Various	Shapefile, ASC & DBF	2012-02-08	2012-02-07	NAD_1983_StatePlane_Washington_North_FIPS_4601_Feet	downloaded from: http://kcwppub3.co.kitsap.wa.us/pub_disc/
Various	Shapefile, ASC & DBF	2012-02-08	2012-02-07	NAD_1983_StatePlane_Washington_North_FIPS_4601_Feet	downloaded from: http://kcwppub3.co.kitsap.wa.us/pub_disc/
Various	Shapefile, ASC & DBF	2012-02-08	2012-02-03	NAD_1983_StatePlane_Washington_North_FIPS_4601_Feet	downloaded from: http://kcwppub3.co.kitsap.wa.us/pub_disc/
Various	Shapefile, ASC & DBF	2012-02-08	2012-02-07	NAD_1983_StatePlane_Washington_North_FIPS_4601_Feet	downloaded from: http://kcwppub3.co.kitsap.wa.us/pub_disc/
Various	Shapefile, ASC & DBF	2012-02-08	2012-02-03	NAD_1983_StatePlane_Washington_North_FIPS_4601_Feet	downloaded from: http://kcwppub3.co.kitsap.wa.us/pub_disc/
Various	Shapefile, ASC & DBF	2012-02-08	2012-02-03	NAD_1983_StatePlane_Washington_North_FIPS_4601_Feet	downloaded from: http://kcwppub3.co.kitsap.wa.us/pub_disc/

Acquired Tables

Table Name:	Source Data File Name:	Normalization Date
2012taxinfo.asc	Various	2012-03-22
building.dbf	building.dbf	2012-03-22
flatats.dbf	Various	2012-03-22
land.dbf	Various	2012-03-22
legalsdesc.asc	Various	2012-03-22
main.dbf	Various	2012-03-22
nameaddr.asc	Various	2012-03-22
parcels.shp	Various	2012-03-22
situs_addr.asc	Various	2012-03-22

Normalization Process

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
2012taxinfo.asc	MARKET_VALUE	Direct	MarketValueTotal	TaxRoll
building.dbf	BEDROOMS	Direct	NumberBedrooms	Improvement
building.dbf	BLDG_TYP	Concatenate: BLDG_TYP, USE_DESC	Description	Improvement

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
building.dbf	BSMT_DV_SF	Sum: BSMT_DV_SF, BSMT_UN_SF	SquareFeetBasement	Improvement
building.dbf	BSMT_UN_SF	Sum: BSMT_DV_SF, BSMT_UN_SF	SquareFeetBasement	Improvement
building.dbf	COND_CD	Concatenate: COND_CD, condition text mapped from COND_CD using online metadata	Condition	Improvement
building.dbf	DET_GAR_SF	Direct	SquareFeetGarage	Improvement
building.dbf	FLR_TOT_SF	Direct	SquareFeetTotal	Improvement
building.dbf	FULL_BATHS	Sum: FULL_BATHS+(0.5*HALF_BATHS)	NumberBathrooms	Improvement
building.dbf	HALF_BATHS	Sum: FULL_BATHS+(0.5*HALF_BATHS)	NumberBathrooms	Improvement
building.dbf	IMPROV_TYP	Direct	SourceType	Improvement
building.dbf	RF_MAT_DSC	Direct	RoofMaterial	Improvement
building.dbf	STORIES	Direct	NumberStories	Improvement
building.dbf	USE_DESC	Concatenate: BLDG_TYP, USE_DESC	Description	Improvement
building.dbf	YEAR_BUILT	Direct	YearBuilt	Improvement
flatats.dbf	ACCT_NO	Concatenate 'http://kcwppub3.co.kitsap.wa.us/ParcelSearch/query.asp?RPID=', ACCT_NO	AssessorURL	TaxRoll
flatats.dbf	ACRES	Direct	TabularAcres	TaxRoll
flatats.dbf	ASSD_VALUE	Direct	TaxableValueTotal	TaxRoll
flatats.dbf	BLDG_VALUE	Direct	TaxableValueImprovements	TaxRoll
flatats.dbf	LAND_VALUE	Direct	TaxableValueLand	TaxRoll
flatats.dbf	LEVY_CODE	Direct	TaxCodeArea	TaxRoll
land.dbf	PROP_CLASS	First two (left) characters; FME substring extract (0,1)	StateLandUseCode	StateLandUse, TaxRoll
legalsdesc.asc	LEGAL_TEXT	Direct; Some are longer than 1000 characters. These are truncated and end with '_TRUNC'	LegalDescription	TaxRoll
main.dbf	ACCT_STAT	Concatenate ACCT_STAT, TAX_STATUS	TaxStatus	TaxRoll
main.dbf	MAP_NUMBER	Direct	SourceDocumentReference	TaxRoll
main.dbf	QTR_NO	Direct	QuarterSection	TaxRoll
main.dbf	STR	FME SubstringExtract(0,1)	Section	TaxRoll
main.dbf	STR	FME SubstringExtract(2,3); Concatenate with 'N'	Township	TaxRoll

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
main.dbf	STR	FME SubstringExtract(4,5)	Range	TaxRoll
main.dbf	TAX_STATUS	Concatenate ACCT_STAT, TAX_STATUS	TaxStatus	TaxRoll
nameaddr.asc	CITY	Direct	AddressCity	Name
nameaddr.asc	NAME	Direct; Taxpayer	Name.Name	Name
nameaddr.asc	STATE	Direct	AddressState	Name
nameaddr.asc	STREET_ADDR	Direct	AddressLine1	Name
nameaddr.asc	ZIP_CODE	Direct	AddressZip	Name
parcels.shp	RP_ACCT_ID	Direct	SourceParcelID	TaxRoll
situs_addr.asc	CITY	Concatenate PREFIX, ST_NO, STREET_NAME, IDENTIFIER, SUFFIX, CITY, STATE, ZIP_CODE	SiteAddressFull	TaxRoll
situs_addr.asc	CITY	Direct	SiteAddressCity	TaxRoll
situs_addr.asc	IDENTIFIER	Concatenate PREFIX, ST_NO, STREET_NAME, IDENTIFIER, SUFFIX, CITY, STATE, ZIP_CODE	SiteAddressFull	TaxRoll
situs_addr.asc	IDENTIFIER	Concatenate PREFIX, STREET_NAME, IDENTIFIER, SUFFIX	SiteAddressStreetFullName	TaxRoll
situs_addr.asc	IDENTIFIER	Direct	SiteAddressStreetType	TaxRoll
situs_addr.asc	PREFIX	Concatenate PREFIX, ST_NO, STREET_NAME, IDENTIFIER, SUFFIX, CITY, STATE, ZIP_CODE	SiteAddressFull	TaxRoll
situs_addr.asc	PREFIX	Concatenate PREFIX, STREET_NAME, IDENTIFIER, SUFFIX	SiteAddressStreetFullName	TaxRoll
situs_addr.asc	PREFIX	Direct	SiteAddressStreetPrefix	TaxRoll
situs_addr.asc	STATE	Concatenate PREFIX, ST_NO, STREET_NAME, IDENTIFIER, SUFFIX, CITY, STATE, ZIP_CODE	SiteAddressFull	TaxRoll
situs_addr.asc	STREET_NAME	Concatenate PREFIX, ST_NO, STREET_NAME, IDENTIFIER, SUFFIX, CITY, STATE, ZIP_CODE	SiteAddressFull	TaxRoll
situs_addr.asc	STREET_NAME	Concatenate PREFIX, STREET_NAME, IDENTIFIER, SUFFIX	SiteAddressStreetFullName	TaxRoll
situs_addr.asc	STREET_NAME	Direct	SiteAddressStreetName	TaxRoll
situs_addr.asc	ST_NO	Concatenate PREFIX, ST_NO, STREET_NAME, IDENTIFIER, SUFFIX, CITY, STATE, ZIP_CODE	SiteAddressFull	TaxRoll
situs_addr.asc	ST_NO	Direct	SiteAddressNumber	TaxRoll

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
situs_addr.asc	SUFFIX	Concatenate PREFIX, ST_NO, STREET_NAME, IDENTIFIER, SUFFIX, CITY, STATE, ZIP_CODE	SiteAddressFull	TaxRoll
situs_addr.asc	SUFFIX	Concatenate PREFIX, STREET_NAME, IDENTIFIER, SUFFIX	SiteAddressStreetFullName	TaxRoll
situs_addr.asc	SUFFIX	Direct	SiteAddressStreetSuffix	TaxRoll
situs_addr.asc	ZIP_CODE	Concatenate PREFIX, ST_NO, STREET_NAME, IDENTIFIER, SUFFIX, CITY, STATE, ZIP_CODE	SiteAddressFull	TaxRoll

Normalization Notes

Integration Date:	2012-03-22
Integration Notes:	Data provided the same as in 2010, files and attributes. the ascii file 'legalsdesc' is supposed to be a comma delimited text file. However there are commas in the legal description, causing each line to separate into more than two fields. Also some legal description values contain newLine characters causing individual records to split into multiple records on multiple lines. A perl script called 'AssessorData_repairLegalDescription.pl' was written to repair these problems. The output was saved to an ascii file called 'legalsdesc_Repaired' in which newLines were replaced with '~'
QAQC Date:	2012-07-19
QAQC Notes:	PolyId=418000114986; ProcessParcelAggregated=2; confirmed 2 polygons with the same source parcel ID (RP_ACCT_ID=1247691) in the source data (parcels.shp). The source data PID for the two parcels:K191247691200, K201247691200. There is only one record with source RP_ACCT_ID=1247691 in main.dbf and nameaddr.asc. PolyID=5048457; ProcessParcelAggregated=3; confirmed 2 polygons with same source parcel ID (RP_ACCT_ID=1197185).Aggregated correctly. NameID=418000000024; ProcessNameFlattened=2; confirmed 2 records in source data (nameaddr.asc) with same owner info (MORGAN GREG R). Reconfirmed with MARTIN DANIEL D; NameID=418000009693. Names flattened correctly.

Kittitas County -- 419

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Acquired Data Files

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
tax_parcel.zip, tsilo.mdb	Shapefile & Access Database	2012-01-31	2012-01-28	NAD_1983_StatePlane_ Washington_South_FIP S_4602_Feet	Downloaded tax_parcel.zip from: http://www.co.kittitas.wa.us/is/gis.asp . Shelley McClellan put the Assessor's database on the Kittitas County FTP site (http://www.co.kittitas.wa.us/ftp/as/598593243/tsilo.zip) for us.
tax_parcel.zip, tsilo.mdb	Shapefile & Access Database	2012-01-31	2012-01-31	NAD_1983_StatePlane_ Washington_South_FIP S_4602_Feet	Downloaded tax_parcel.zip from: http://www.co.kittitas.wa.us/is/gis.asp . Shelley McClellan put the Assessor's database on the Kittitas County FTP site (http://www.co.kittitas.wa.us/ftp/as/598593243/tsilo.zip) for us.
tax_parcel.zip, tsilo.mdb	Shapefile & Access Database	2012-01-31	2012-01-31	NAD_1983_StatePlane_ Washington_South_FIP S_4602_Feet	Downloaded tax_parcel.zip from: http://www.co.kittitas.wa.us/is/gis.asp . Shelley McClellan put the Assessor's database on the Kittitas County FTP site (http://www.co.kittitas.wa.us/ftp/as/598593243/tsilo.zip) for us.
tax_parcel.zip, tsilo.mdb	Shapefile & Access Database	2012-01-31	2012-01-31	NAD_1983_StatePlane_ Washington_South_FIP S_4602_Feet	Downloaded tax_parcel.zip from: http://www.co.kittitas.wa.us/is/gis.asp . Shelley McClellan put the Assessor's database on the Kittitas County FTP site (http://www.co.kittitas.wa.us/ftp/as/598593243/tsilo.zip) for us.

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
tax_parcel.zip, tsilo.mdb	Shapefile & Access Database	2012-01-31	2012-01-31	NAD_1983_StatePlane_ Washington_South_FIP S_4602_Feet	Downloaded tax_parcel.zip from: http://www.co.kittitas.wa.us/is/gis.asp . Shelley McClellan put the Assessor's database on the Kittitas County FTP site (http://www.co.kittitas.wa.us/ftp/as/598593243/tsilo.zip) for us.
tax_parcel.zip, tsilo.mdb	Shapefile & Access Database	2012-01-31	2012-01-31	NAD_1983_StatePlane_ Washington_South_FIP S_4602_Feet	Downloaded tax_parcel.zip from: http://www.co.kittitas.wa.us/is/gis.asp . Shelley McClellan put the Assessor's database on the Kittitas County FTP site (http://www.co.kittitas.wa.us/ftp/as/598593243/tsilo.zip) for us.
tax_parcel.zip, tsilo.mdb	Shapefile & Access Database	2012-01-31	2012-01-31	NAD_1983_StatePlane_ Washington_South_FIP S_4602_Feet	Downloaded tax_parcel.zip from: http://www.co.kittitas.wa.us/is/gis.asp . Shelley McClellan put the Assessor's database on the Kittitas County FTP site (http://www.co.kittitas.wa.us/ftp/as/598593243/tsilo.zip) for us.
tax_parcel.zip, tsilo.mdb	Shapefile & Access Database	2012-01-31	2012-01-31	NAD_1983_StatePlane_ Washington_South_FIP S_4602_Feet	Downloaded tax_parcel.zip from: http://www.co.kittitas.wa.us/is/gis.asp . Shelley McClellan put the Assessor's database on the Kittitas County FTP site (http://www.co.kittitas.wa.us/ftp/as/598593243/tsilo.zip) for us.

Acquired Tables

Table Name:	Source Data File Name:	Normalization Date
atrfile	tax_parcel.zip, tsilo.mdb	2012-05-03
com_tabl	tax_parcel.zip, tsilo.mdb	2012-05-03
FARM	tax_parcel.zip, tsilo.mdb	2012-05-03

Table Name:	Source Data File Name:	Normalization Date
MASTER	tax_parcel.zip, tsilo.mdb	2012-05-03
MI_TABL	tax_parcel.zip, tsilo.mdb	2012-05-03
resident	tax_parcel.zip, tsilo.mdb	2012-05-03
SITEIMPS	tax_parcel.zip, tsilo.mdb	2012-05-03
tax_parcel.shp	tax_parcel.zip, tsilo.mdb	2012-05-03

Normalization Process

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
atrfile	DATE_CREATED	Direct	SourceCreationDate	TaxRoll
atrfile	DEEDED_ACRES	Direct	TabularAcres	TaxRoll
atrfile	EXEMPTION_CODE	Concatenate PROPERTY_TYPE, PROPERTY_CLASS, EXEMPTION_CODE, EXEMPT_AMOUNT	TaxStatus	TaxRoll
atrfile	EXEMPT_AMOUNT	Concatenate PROPERTY_TYPE, PROPERTY_CLASS, EXEMPTION_CODE, EXEMPT_AMOUNT	TaxStatus	TaxRoll
atrfile	IMPR_MARKET_VALUE	Direct	MarketValueImprovements	TaxRoll
atrfile	IMPR_USE_VALUE	Direct	TaxableValueImprovements	TaxRoll
atrfile	LAND_MARKET_VALUE	Direct	MarketValueLand	TaxRoll
atrfile	LAND_USE_VALUE	Direct	TaxableValueLand	TaxRoll
atrfile	LAST_UPDATE	Direct	SourceRevisionDate	TaxRoll
atrfile	LEGAL	Direct	LegalDescription	TaxRoll
atrfile	NDR_Codes	Use LandUse_KITT_Crosswalk2012	StateLandUseCode	StateLandUse, TaxRoll
atrfile	OWNERSHIP_CODE	Direct	NameCD	Name
atrfile	PARCEL_#	Direct	SourceParcelID	TaxRoll
atrfile	PARCEL_#	Concatenate: 'http://www.co.kittitas.wa.us/taxsifterpublic/t-assessor.asp?pid=', PARCEL_#	AssessorURL	TaxRoll
atrfile	PERM_CROP_MV	Direct	MarketValueCrop	TaxRoll
atrfile	PERM_CROP_UV	Direct	TaxableValueCrop	TaxRoll
atrfile	PROPERTY_CLASS	Concatenate PROPERTY_TYPE, PROPERTY_CLASS, EXEMPTION_CODE, EXEMPT_AMOUNT	TaxStatus	TaxRoll

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
atrfile	PROPERTY_TYPE	Concatenate PROPERTY_TYPE, PROPERTY_CLASS, EXEMPTION_CODE, EXEMPT_AMOUNT	TaxStatus	TaxRoll
atrfile	SITUS	Direct	SiteAddressFull	TaxRoll
atrfile	SITUS	FME Substring	SiteAddressCity	TaxRoll
atrfile	SITUS	Split on '\'; First element is AddressNumber; some include #xyz which is the unit number	SiteAddressNumber	TaxRoll
atrfile	SITUS	Split on '\'; First element is AddressNumber; some include #xyz which is the unit number	SiteAddressUnit Number	TaxRoll
atrfile	SITUS	Split on '\'; second element with city removed is StreetFullName	SiteAddressStreetFullName	TaxRoll
atrfile	TAX_DISTRICT	Direct	TaxCodeArea	TaxRoll
atrfile	TIMBER_LAND	Direct	TaxableValueTimberLand	TaxRoll
atrfile	TOTAL_MARKET_VALUE	Direct	MarketValueTotal	TaxRoll
atrfile	TOTAL_USE_VALUE	Direct	TaxableValueTotal	TaxRoll
com_tabl	BASEMENT_AREA	Direct	SquareFeetBasement	Improvement
com_tabl	BLDG_NUMBER	Direct	SourceImprovementID	Improvement
com_tabl	CONDITION	Direct	Condition	Improvement
com_tabl	DESCRIPTION	Direct	Description	Improvement
com_tabl	EXT_WALL_CODE	Direct	SidingMaterial	Improvement
com_tabl	QUALITY	Direct	Quality	Improvement
com_tabl	STORIES	Direct	NumberStories	Improvement
com_tabl	TOTAL_AREA	Direct	SquareFeetTotal	Improvement
com_tabl	YEAR_BUILT	Direct	YearBuilt	Improvement
FARM	BASEMENT_AREA	Direct	SquareFeetBasement	Improvement
FARM	BASE_AREA	Direct	SquareFeetFootprint	Improvement
FARM	CONDITION	Direct	Condition	Improvement
FARM	EXTER1_TYPE	Concatenate: EXTER1_TYPE, EXTER2_TYPE	SidingMaterial	Improvement
FARM	EXTER2_TYPE	Concatenate: EXTER1_TYPE, EXTER2_TYPE	SidingMaterial	Improvement
FARM	FLOOR_AREA	Direct	SquareFeetTotal	Improvement
FARM	FOUNDATION_TYPE	Direct	FoundationType	Improvement

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
FARM	GARAGE_AREA	Direct	SquareFeetGarage	Improvement
FARM	LUMP_DESCRP	Concatenate: LUMP_DESCRP, STYLE1, STYLE2	Description	Improvement
FARM	QUALITY	Direct	Quality	Improvement
FARM	REMODEL_DATE	Direct	YearRenovated	Improvement
FARM	ROOFING	Direct	RoofMaterial	Improvement
FARM	STYLE1	Concatenate: LUMP_DESCRP, STYLE1, STYLE2	Description	Improvement
FARM	STYLE2	Concatenate: LUMP_DESCRP, STYLE1, STYLE2	Description	Improvement
FARM	TYPE	Direct	Type	Improvement
FARM	YEAR_BUILT	Direct	YearBuilt	Improvement
MASTER	MAIL_ADD_1	Direct	AddressLine1	Name
MASTER	MAIL_ADD_2	Direct	AddressLine2	Name
MASTER	MAIL_ADD_3	FME Substring (-2,-1)	AddressState	Name
MASTER	MAIL_ADD_3	FME Substring (0,-4)	AddressCity	Name
MASTER	TAXPAYER_NAME	Direct; Taxpayer	Name.Name	Name
MASTER	ZIP_CODE	Direct	AddressZip	Name
MI_TABL	MISC_CODE	Concatenate: MISC_CODE, MISC_DESC	Description	Improvement
MI_TABL	MISC_DESC	Concatenate: MISC_CODE, MISC_DESC	Description	Improvement
MI_TABL	MISC_UNIT	Direct	SquareFeetTotal	Improvement
MI_TABL	YEAR	Direct	YearBuilt	Improvement
resident	BASEMENT_AREA	Direct	SquareFeetBasement	Improvement
resident	BASE_AREA	Direct	SquareFeetFootprint	Improvement
resident	BATHROOMS	Direct	NumberBathrooms	Improvement
resident	BEDROOMS	Direct	NumberBedrooms	Improvement
resident	CONDITION	Direct	Condition	Improvement
resident	EXTER1_TYPE	Concatenate: EXTER1_TYPE, EXTER2_TYPE	SidingMaterial	Improvement
resident	EXTER2_TYPE	Concatenate: EXTER1_TYPE, EXTER2_TYPE	SidingMaterial	Improvement
resident	FLOOR_AREA	Direct	SquareFeetTotal	Improvement
resident	FOUNDATION_TYPE	Direct	FoundationType	Improvement
resident	GARAGE_AREA	Direct	SquareFeetGarage	Improvement

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
resident	LUMP_DESCRP	Concatenate: LUMP_DESCRP, STYLE1, STYLE2	Description	Improvement
resident	QUALITY	Direct	Quality	Improvement
resident	REMODEL_DATE	Direct	YearRenovated	Improvement
resident	ROOFING	Direct	RoofMaterial	Improvement
resident	STYLE1	Concatenate: LUMP_DESCRP, STYLE1, STYLE2	Description	Improvement
resident	STYLE2	Concatenate: LUMP_DESCRP, STYLE1, STYLE2	Description	Improvement
resident	TYPE	Direct	Type	Improvement
resident	YEAR_BUILT	Direct	YearBuilt	Improvement
SITEIMPS	CONDITION	Direct	Condition	Improvement
SITEIMPS	Cover	Direct	RoofMaterial	Improvement
SITEIMPS	DESCRIPTION	Direct	Description	Improvement
SITEIMPS	ID	Direct	SourceImprovementID	Improvement
SITEIMPS	QUALITY	Direct	Quality	Improvement
SITEIMPS	Wall	Direct	SidingMaterial	Improvement
SITEIMPS	YEAR_IN	Direct	YearBuilt	Improvement
tax_parcel.shp	map_nbr	Direct	TaxAccountID	TaxRoll
tax_parcel.shp	map_nbr	FME Substring(0,1); Concatenate with 'N'	Township	TaxRoll
tax_parcel.shp	map_nbr	FME Substring(3,4); Concatenate with 'E'	Range	TaxRoll
tax_parcel.shp	map_nbr	FME Substring(6,7)	Section	TaxRoll

Normalization Notes

Integration Date:	2012-05-03
Integration Notes:	We received the same source data files as 2010. The tables in tsilo.mdb have all the same attributes. The tax_parcel.shp shapefile has a new attribute: project_nb, and no longer has the attribute FeatureID.
QAQC Date:	2012-07-19
QAQC Notes:	<p>PolyID=419000000000; ProcessParcelFlattened=2; confirmed source data (tax_parcel.shp) has 2 source IDs (parcel_id) for same polygon: 953881 and -9999. Parcel flattened correctly.</p> <p>NameID=419000003192; ProcessNameFlattened=4; confirmed 4 records with same name and owner id in source data (tsilo.mdb - atrfile); PARCEL_#s: 163735, 876134, 037633, 12275. Names flattened correctly.</p>

Normalization Process -- Attribute Value Translation

Original Field	Normalized Field

(NDR_Codes) Value	(StateLandUseCode) Value
	0
10 2	11
10 2	11
10 2 A	11
10 2 B	11
10 2 C	11
10 2 D	11
10 2 1	11
10 2 2	11
10 2 3	11
10 2 7	11
11	11
11 1	11
11 9	11
11 A	11
11 B	11
11 C	11
11 D	11
11 7	11
11 72	11
11 7A	11
11 7B	11
11 2	11
11 2 C	11
11 A	11
11 D	11
11 W	11
11 2	11
11 2 A	11
11 2 B	11
11 2 C	11
11 2 D	11
11 2 1	11
11 2 2	11
11 2 4	11
11 2D	11
11 2W	11
11 3	11
11 3 A	11
11 4	11
12	12

12 1	12
12 A	12
12 B	12
12 D	12
12 7	12
12 7C	12
12 A	12
13	13
13 D	13
13 7	13
14	14
14 A	14
14 B	14
14 C	14
14 D	14
14 7	14
14 7C	14
15	15
15 2	15
16	16
16 2	16
16 3	16
17	17
18	18
18 2	18
18 3	18
18 4	18
19	19
19 9	19
19 A	19
19 B	19
19 C	19
19 D	19
19 1	19
19 7	19
19 7A	19
19 7C	19
19 7	19
19 A	19
19 D	19
19 W	19
19 2	19

19 2 A	19
19 2 B	19
19 2 C	19
19 2 D	19
19 2 1	19
19 2 3	19
19 2 4	19
19 2A	19
19 2D	19
19 2W	19
19 3	19
19 4	19
21	21
21 1	21
24	24
24 1	67
24 1 4	24
24 2	24
24 3	24
24 4	24
25	25
25 1	67
26	26
26 1	67
26 3	26
27 1	67
28	28
28 1	67
28 3	28
29	29
29 1	67
29 3	29
30 1	67
31	31
31 1	67
32	32
32 1	75
33 1	67
34	34
34 1	67
34 1 7	34
35	35

35 1	67
36 1	75
37 1	72
37 1	72
37 1 7	37
38 1	67
39	39
39 1	67
39 3	39
40 1	67
40 2	0
40 1	67
41	41
41 1	74
42	42
42 7	42
42 1	67
42 2	42
43	43
43 1	48
43 3	43
43 4	43
44 1	48
45	45
45 1	48
46	46
46 1	67
47	47
47 1	67
47 4	47
48	48
48 1	72
49	49
49 1	67
50	50
50 1	67
51	51
51 1	67
51 2	51
51 3	51
52	52
52 1	67

52 3	52
52 4	52
53	53
53 1	67
53 3	53
54	54
54 1	67
54 3	54
54 4	54
55	55
55 2	55
55 3	55
56	56
57	57
58	58
58 3	58
58 3	58
58 4	58
59	59
59 3	59
59 4	59
61	61
61 3	61
62	62
62 1	62
62 4	62
63	63
63 7	63
63 3	63
63 4	63
64	64
64 3	64
65	65
65 3	65
66	66
66 2	66
67	67
68	68
68 7	68
69	69
69 3	69
71	71

72	72
73	73
74	74
74 HD	74
74 2	74
74 4	74
75	75
75 HD	75
75 2	75
76	76
79	79
79 1	79
81	81
81 1	81
81 A	81
81 B	81
81 D	81
81 A	81
81 D	81
81 W	81
81 2	81
81 2 A	81
81 2 D	81
81 3	81
82	82
82 2	82
82 3	82
83	83
83 A	83
83 B	83
83 C	83
83 D	83
83 7	83
83 7B	83
83 A	83
83 D	83
83 2	83
83 2 A	83
83 2 B	83
83 2 C	83
83 2 D	83
83 2 2	83

83 2 3	83
83 2D	83
83 2W	83
84	84
85	85
88	88
88 7	88
88 D	88
88 W	88
91	91
91 A	91
91 A	91
91 D	91
91 W	91
91 2	91
92	92
93	93
93 3	93
94	94
94 A	94
94 W	94
94 2	94
95	95
95 A	95
95 D	95
95 W	95
96	96
99	99

Klickitat County -- 420

Current Assessor Contact Information:

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Acquired Data Files

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
Various	Shapefile	2012-02-01	2012-01-25	NAD_1983_StatePlane_Washington_South_FIP_S_4602_Feet	received in mail on CDR

Acquired Tables

Table Name:	Source Data File Name:	Normalization Date
parcels.shp	Various	2012-04-30

Normalization Process

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
parcels.shp	ACRES	Direct	TabularAcres	TaxRoll
parcels.shp	ADDRESS	Direct; Full address	AddressLine1	Name
parcels.shp	IMPRV	Direct	MarketValueImprovements	TaxRoll
parcels.shp	LAND	Direct	MarketValueLand	TaxRoll
parcels.shp	LEGAL	Direct	LegalDescription	TaxRoll
parcels.shp	NAME	Direct; Owner	Name.Name	Name
parcels.shp	PARCEL_NUM	Direct	SourceParcelID	TaxRoll
parcels.shp	PARCEL_NUM	FME Substring (0,1). Concatenate with 'N'	Township	TaxRoll
parcels.shp	PARCEL_NUM	FME Substring (2,3). Concatenate with 'E'	Range	TaxRoll
parcels.shp	PARCEL_NUM	FME Substring (4,5)	Section	TaxRoll
parcels.shp	TAXCODE	Direct	TaxCodeArea	TaxRoll
parcels.shp	TOTAL_AV	Direct	TaxableValueTotal	TaxRoll
parcels.shp	USECODE	Direct	StateLandUseCode	StateLandUse, TaxRoll

Normalization Notes

Integration Date:	2012-04-30
Integration Notes:	<p>Source shapefile attributes are the same as 2010.</p> <p>The source data shapefile: parcels.shp was run through the 'Repair Geometry' tool in ArcGIS. The following are the lists of FIDs and what operation the Repair Geometry tool performed.</p> <p>Repaired for self intersections: 23, 181, 308, 315, 394, 484, 574, 582, 615, 876, 915, 1071, 1083, 1123, 1228, 1233, 1234, 1238, 1504, 2033, 2033, 2034, 2035, 2614, 3214, 3312, 3350, 3512, 3719, 4102, 4128, 4294, 4434, 4465, 4480, 4556, 4636, 4906, 4993, 5014, 5846, 5852, 5862, 6537, 6542, 6609, 6609, 7027, 7027, 7593, 8526, 9505, 9506, 9544, 9544, 9544, 9549, 9549, 9847, 9848, 10063, 10136, 10160, 10200, 10565, 10630, 10706, 10935, 11147, 11295, 11320, 11759, 12331, 12422, 12497, 12621, 13119, 13302, 13485, 13993, 14138, 14334, 14416, 14471, 14665, 14713,</p>

	<p>14782, 14841, 14845, 15422, 15488, 15504, 15529, 15596, 15938, 16310, 16465, 16479, 16514, 16546, 16567, 16999, 17129, 18122, 18205, 18362, 18630, 19976.</p> <p>Repaired for incorrect ring ordering: 19960, 19973, 19978, 19983</p> <p>Deleted features because they could not be repaired: 19400, 19592, 20191, 20208, 20210, 20215, 20218, 20233, 20235</p> <p>The original source data had 20,294 features, the repaired shapefile 20,285 features.</p> <p>Five parcels, those with PARCEL_NUM values: 04160450000400, 04162110010100, 04162177003300, 05163063019300, 05170300001200, had a USECODE value of 90, which is not a standard land use code. These had their USECODE values changed to 91 which is what most of the surrounding parcels had.</p>
QAQC Date:	2012-07-19
QAQC Notes:	<p>PolyID=420000000000; ProcessParcelFlattened=2; confirmed source data (parcels.shp) contains 2 source parcel ids (PARCEL_NUM) for same polygon; PARCEL_NUMs: 02120359001600 and 02120359001900. Parcel flattened correctly.</p> <p>PolyId=420000020280; ProcessParcelAggregated=2; confirmed 2 polygons in source data (parcels.shp) with same source data ID(PARCEL_NUM=0514170000200). Parcel aggregated correctly.</p> <p>NameID=420000002041; ProcessNameFlattened=2; confirmed 2 records in source data (parcels.dbf) that contain same owner (NAME= COONS, KELLY) and owner info; PARCEL_NUMs: 04162032000300 and 04162052000200. Names flattened correctly.</p>

Lewis County -- 421

Current Assessor Contact Information:

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Acquired Data Files

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
2011 Assessment Roll for tax year.Lewis County.mdb	mdb	2012-02-29	2012-02-29	NA	received on CD-R on 2-28-2012

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
2011 Assessment Roll for tax year.Lewis County.mdb	mdb	2012-02-29	2012-02-29	NA	received on CD-R on 2-28-2012
2011 Assessment Roll for tax year.Lewis County.mdb	mdb	2012-02-29	2012-02-29	NA	received on CD-R on 2-28-2012
2011 Assessment Roll for tax year.Lewis County.mdb	mdb	2012-02-29	2012-02-29	NA	received on CD-R on 2-28-2012
2011 Assessment Roll for tax year.Lewis County.mdb	mdb	2012-02-29	2012-02-29	NA	received on CD-R on 2-28-2012
2011 Assessment Roll for tax year.Lewis County.mdb	mdb	2012-02-29	2012-02-29	NA	received on CD-R on 2-28-2012
2011 Assessment Roll for tax year.Lewis County.mdb	mdb	2012-02-29	2012-02-29	NA	received on CD-R on 2-28-2012
2011 Assessment Roll for tax year.Lewis County.mdb	mdb	2012-02-29	2012-02-29	NA	received on CD-R on 2-28-2012
2011 Assessment Roll for tax year.Lewis County.mdb	mdb	2012-02-29	2012-02-29	NA	received on CD-R on 2-28-2012
2011 Assessment Roll for tax year.Lewis County.mdb	mdb	2012-02-29	2012-02-29	NA	received on CD-R on 2-28-2012
2011 Assessment Roll for tax year.Lewis County.mdb	mdb	2012-02-29	2012-02-29	NA	received on CD-R on 2-28-2012
Parcelsnodata.shp	Shapefile	2012-03-02	2012-02-24	NAD_1983_StatePlane_Washington_South_FIP_S_4602_Feet	N/A

Acquired Tables

Table Name:	Source Data File Name:	Normalization Date
dbo_Commercial	2011 Assessment Roll for tax year.Lewis County.mdb	2012-03-28
dbo_data_acreage	2011 Assessment Roll for tax year.Lewis County.mdb	2012-03-28
dbo_data_assessed_values	2011 Assessment Roll for tax year.Lewis County.mdb	2012-03-28
dbo_data_detached_structures	2011 Assessment Roll for tax year.Lewis County.mdb	2012-03-28
dbo_data_legal_tca	2011 Assessment Roll for tax year.Lewis County.mdb	2012-03-28
dbo_data_mobile_homes	2011 Assessment Roll for tax year.Lewis County.mdb	2012-03-28
dbo_data_name_addresses	2011 Assessment Roll for tax year.Lewis County.mdb	2012-03-28
dbo_data_pers_name_address	2011 Assessment Roll for tax year.Lewis County.mdb	2012-03-28
dbo_data_residence_homes	2011 Assessment Roll for tax year.Lewis County.mdb	2012-03-28
dbo_data_Use_Code	2011 Assessment Roll for tax year.Lewis County.mdb	2012-03-28
Parcelsnodata.shp	Parcelsnodata.shp	2012-03-28

Normalization Process

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
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Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
dbo_Commercial	bldg_type	Use crosswalk from code to value. Concatenate: bldg_type, construction	Description	Improvement
dbo_Commercial	condition	Use crosswalk from code to value	Condition	Improvement
dbo_Commercial	construction	Use crosswalk from code to value. Concatenate: bldg_type, construction	Description	Improvement
dbo_Commercial	ext_wall_typ	Direct	SidingMaterial	Improvement
dbo_Commercial	grnd_fl_area	Direct	SquareFeetFootprint	Improvement
dbo_Commercial	num_stories	Direct	NumberStories	Improvement
dbo_Commercial	quality	Use crosswalk from code to value	Quality	Improvement
dbo_Commercial	year_built	Direct	YearBuilt	Improvement
dbo_data_acreage	value	Direct	TabularAcres	TaxRoll
dbo_data_assessed_values	modified_value	if value_type = MKIMP	MarketValueImprovements	TaxRoll
dbo_data_assessed_values	modified_value	if value_type = MKLND	MarketValueLand	TaxRoll
dbo_data_assessed_values	modified_value	if value_type = MKTTL	MarketValueTotal	TaxRoll
dbo_data_assessed_values	modified_value	if value_type = CULND	TaxableValueLand	TaxRoll
dbo_data_detached_structures	condition	Use crosswalk from code to value	Condition	Improvement
dbo_data_detached_structures	construction	Use crosswalk from code to value. Concatenate: structure, construction	Description	Improvement
dbo_data_detached_structures	ext_wall	Direct	SidingMaterial	Improvement
dbo_data_detached_structures	foundation	Direct	FoundationType	Improvement
dbo_data_detached_structures	num_stories	Direct	NumberStories	Improvement
dbo_data_detached_structures	quality	Use crosswalk from code to value	Quality	Improvement
dbo_data_detached_structures	roof	Direct	RoofMaterial	Improvement
dbo_data_detached_structures	structure	Use crosswalk from code to value. Concatenate: structure, construction	Description	Improvement
dbo_data_detached_structures	year_built	Direct	YearBuilt	Improvement
dbo_data_legal_tca	legal_desc_line	Direct	LegalDescription	TaxRoll
dbo_data_legal_tca	range	Direct	Range	TaxRoll
dbo_data_legal_tca	section	Direct	Section	TaxRoll

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
dbo_data_legal_tca	tca_number	Direct	TaxCodeArea	TaxRoll
dbo_data_legal_tca	township	Direct	Township	TaxRoll
dbo_data_mobile_homes	att_gar_sqft	Sum: att_gar_sqft, bsmt_garage	SquareFeetGarage	Improvement
dbo_data_mobile_homes	bsmt_area	Direct	SquareFeetBasement	Improvement
dbo_data_mobile_homes	bsmt_garage	Sum: att_gar_sqft, bsmt_garage	SquareFeetGarage	Improvement
dbo_data_mobile_homes	condition	Use crosswalk from code to value	Condition	Improvement
dbo_data_mobile_homes	ext_wall	Direct	SidingMaterial	Improvement
dbo_data_mobile_homes	foundtion	Direct	FoundationType	Improvement
dbo_data_mobile_homes	full_baths	Sum: full_baths + (0.75 * three_qtr_bath) + (0.5 * half_baths)	NumberBathrooms	Improvement
dbo_data_mobile_homes	half_baths	Sum: full_baths + (0.75 * three_qtr_bath) + (0.5 * half_baths)	NumberBathrooms	Improvement
dbo_data_mobile_homes	num_bedrooms	Direct	NumberBedrooms	Improvement
dbo_data_mobile_homes	quality	Use crosswalk from code to value	Quality	Improvement
dbo_data_mobile_homes	three_qtr_bath	Sum: full_baths + (0.75 * three_qtr_bath) + (0.5 * half_baths)	NumberBathrooms	Improvement
dbo_data_mobile_homes	tot_liv_area	Direct	SquareFeetTotal	Improvement
dbo_data_mobile_homes	year_built	Direct	YearBuilt	Improvement
dbo_data_name_addresses	city	Direct; Taxpayer	AddressCity	Name
dbo_data_name_addresses	code_table_cd	Direct; Taxpayer	AddressState	Name
dbo_data_name_addresses	line_1	Direct; Taxpayer when line_care_of is blank. If line_care_of is not blank and line_1, line_2, and line_3 all have values, then concatenate line_care_of, line_1.	AddressLine1	Name
dbo_data_name_addresses	line_1	Direct; Taxpayer when line_care_of is not blank and line_2 and/or line_3 are blank	AddressLine2	Name
dbo_data_name_addresses	line_2	Direct; Taxpayer when line_care_of is blank. If line_care_of is not blank and line_1, line_2, and line_3 all have values,	AddressLine2	Name

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
		then concatenate line_care_of, line_1.		
dbo_data_name_addresses	line_2	Direct; Taxpayer when line_care_of is not blank and line_3 is blank	AddressLine3	Name
dbo_data_name_addresses	line_3	Direct; Taxpayer	AddressLine3	Name
dbo_data_name_addresses	line_care_of	Direct; Taxpayer when line_care_of is not blank and line_2 and/or line_3 are blank	AddressLine1	Name
dbo_data_name_addresses	line_care_of	When line_care_of is not blank and line_1, line_2, and line_3 all have values, then concatenate line_care_of, line_1.	AddressLine1	Name
dbo_data_name_addresses	Owners Name	Direct; Taxpayer	Name.Name	Name
dbo_data_name_addresses	zip_postal_code	Direct; Taxpayer	AddressZip	Name
dbo_data_name_address	code_table_cd	Direct; Taxpayer	AddressState	Name
dbo_data_name_address	dbo_address_1_city	Direct; Taxpayer	AddressCity	Name
dbo_data_name_address	dbo_address_1_line_1	Direct; Taxpayer when line_care_of is blank. If line_care_of is not blank and dbo_address_1_line_1, line_2, and line_3 all have values, then concatenate line_care_of, address_1_line_1.	AddressLine1	Name
dbo_data_name_address	dbo_address_1_line_1	Direct; Taxpayer when line_care_of is not blank and line_2 and/or line_3 are blank	AddressLine2	Name
dbo_data_name_address	dbo_address_city	Direct	SiteAddressCity	TaxRoll
dbo_data_name_address	dbo_address_city	Concatenate: dbo_address_line_1, dbo_address_city	SiteAddressFull	TaxRoll
dbo_data_name_address	dbo_address_line_1	Concatenate: dbo_address_line_1, dbo_address_city	SiteAddressFull	TaxRoll
dbo_data_name_address	line_2	Direct; Taxpayer when line_care_of is not blank and line_3 is blank	AddressLine3	Name
dbo_data_name_address	line_3	Direct; Taxpayer	AddressLine3	Name
dbo_data_name_address	line_care_of	Direct; Taxpayer when line_care_of is not blank and line_2 and/or line_3	AddressLine1	Name

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
		are blank		
dbo_data_pers_name_address	line_care_of	When line_care_of is not blank and line_1, line_2, and line_3 all have values, then concatenate line_care_of, line_1.	AddressLine1	Name
dbo_data_pers_name_address	Owners Name	Direct; Taxpayer	Name.Name	Name
dbo_data_pers_name_address	zip_postal_code	Direct; Taxpayer	AddressZip	Name
dbo_data_residence_homes	att_gar_sqft	Sum: bsmt_garage, att_gar_sqft, bltin_garage	SquareFeetGarage	Improvement
dbo_data_residence_homes	bldg_style	Use crosswalk from code to value	Description	Improvement
dbo_data_residence_homes	bltin_garage	Sum: bsmt_garage, att_gar_sqft, bltin_garage	SquareFeetGarage	Improvement
dbo_data_residence_homes	bsmt_area	Direct	SquareFeetBasement	Improvement
dbo_data_residence_homes	bsmt_garage	Sum: bsmt_garage, att_gar_sqft, bltin_garage	SquareFeetGarage	Improvement
dbo_data_residence_homes	condition	Use crosswalk from code to value	Condition	Improvement
dbo_data_residence_homes	ext_wall_typ	Direct	SidingMaterial	Improvement
dbo_data_residence_homes	foundation	Direct	FoundationType	Improvement
dbo_data_residence_homes	full_baths	Sum: full_baths + (0.75 * three_qtr_bath) + (0.5 * half_baths)	NumberBathrooms	Improvement
dbo_data_residence_homes	half_baths	Sum: full_baths + (0.75 * three_qtr_bath) + (0.5 * half_baths)	NumberBathrooms	Improvement
dbo_data_residence_homes	num_bedrooms	Direct	NumberBedrooms	Improvement
dbo_data_residence_homes	num_stories	Direct	NumberStories	Improvement
dbo_data_residence_homes	quality	Use crosswalk from code to value	Quality	Improvement
dbo_data_residence_homes	roofing	Direct	RoofMaterial	Improvement
dbo_data_residence_homes	three_qtr_bath	Sum: full_baths + (0.75 * three_qtr_bath) + (0.5 * half_baths)	NumberBathrooms	Improvement
dbo_data_residence_homes	year_built	Direct	YearBuilt	Improvement
dbo_data_Use_Code	code_description	FME Substring (3,-1)	SourceLandUseDescription	TaxRoll
dbo_data_Use_Code	value	Direct	StateLandUseCode	StateLandUse, TaxRoll
Parcelsnodata.shp	PIN	Direct	SourceParcelID	TaxRoll

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
Parcelsnodata.s hp	PIN	Concatenate: 'http://parcels .lewiscountywa. gov/', PIN	AssessorURL	TaxRoll

Normalization Notes

Integration Date:	2012-03-28
Integration Notes:	<p>Lewis county data has significantly changed between 2010 and 2012</p> <p>The following fields were renamed in the shapefile between 2010 and 2012 OBJECTID --> FID SUM_AREA --> AREA SUM_CA --> CA FIRST_TRS --> TRS</p> <p>The following fields in the 2010 shapefile are not in the 2012 shapefile: Shape_Length, Shape_Area, Acquired, Acquired_Date</p> <p>----- Geometry:</p> <p>In 2010 parcels with non-digit pin values like 'Unknown' and 'Water' were not included. In 2012, these parcels all appear to have PIN values 'xxxxxx' or 'XXXXXX' and PN values in this list (ROAD, Road, UNKNOWN, XXXX, alley, bridge, city, county, creek, draindistno7, gap, greenbelt, lake, orig meander, overlap, private, private roadrailroad, river, road, shoreline, state, unknown, usa, usfs road). These were all aggregated into a single parcel following the parcel aggregation rules.</p>
QAQC Date:	2012-07-19
QAQC Notes:	<p>PolyID=421000052313; ProcessParcelAggregated=3; confirmed 3 polygons in source data (Parcelsnodata.shp) with the same source data parcel id (PIN=038875004000). Parcels aggregated correctly.</p> <p>PolyID=421000003456; ProcessNameFlattened=2; confirmed 2 records in source data (2011 Assessment Roll for tax year.Lewis County.mdb) with same owner info (Owners Name=PURYEAR, DORIS D); parcel_number: 012417000000 and 012414002000. Names flattened correctly.</p>

Lincoln County -- 422

Current Assessor Contact Information:

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Acquired Data Files

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
Various	Shapefile & XLS	2012-03-01	2012-03-01	NAD_1983_StatePlane_Washington_North_FIPS_4601_Feet	received by email. shp from: Courtney Thompson, xls from: Kathleen Martello
Various	Shapefile & XLS	2012-03-01	2012-03-01	NAD_1983_StatePlane_Washington_North_FIPS_4601_Feet	received by email. shp from: Courtney Thompson, xls from: Kathleen Martello

Acquired Tables

Table Name:	Source Data File Name:	Normalization Date
LincolnCty2012Data.xlsx	Various	2012-04-24
Parcel.shp	Various	2012-04-24

Normalization Process

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
LincolnCty2012Data.xlsx	Address1	Direct; Owner	AddressLine1	Name
LincolnCty2012Data.xlsx	Address2	Direct; Owner	AddressLine2	Name
LincolnCty2012Data.xlsx	AssembledLegal	Direct	LegalDescription	TaxRoll
LincolnCty2012Data.xlsx	AssessedBuildingValue	Direct	TaxableValueImprovements	TaxRoll
LincolnCty2012Data.xlsx	AssessedCropValue	Direct	TaxableValueCrop	TaxRoll
LincolnCty2012Data.xlsx	AssessedLandValue	Direct	TaxableValueLand	TaxRoll
LincolnCty2012Data.xlsx	AssessmentType	Concatenate: ParcelType, AssessmentType, IsExempt, PropertyClass	TaxStatus	TaxRoll
LincolnCty2012Data.xlsx	City	Direct; Owner	AddressCity	Name
LincolnCty2012Data.xlsx	DepartmentOfRevenueCode	FME Substring (0,1); Use LandUse_LINC_Crosswalk	StateLandUseCode	StateLandUse, TaxRoll
LincolnCty2012Data.xlsx	DepartmentOfRevenueCode	FME Substring (5,-1)	SourceLandUseDescription	TaxRoll
LincolnCty2012Data.xlsx	District	Direct	TaxCodeArea	TaxRoll
LincolnCty2012Data.xlsx	FirstName	Concatenate: FirstName, LastName	Name.Name	Name
LincolnCty2012Data.xlsx	IsExempt	Concatenate: ParcelType, AssessmentType, IsExempt, PropertyClass	TaxStatus	TaxRoll

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
LincolnCty2012Data.xlsx	LastName	Concatenate: FirstName, LastName	Name.Name	Name
LincolnCty2012Data.xlsx	MarketBuildingValue	Direct	MarketValueImprovements	TaxRoll
LincolnCty2012Data.xlsx	MarketCropValue	Direct	MarketValueCrop	TaxRoll
LincolnCty2012Data.xlsx	MarketLandValue	Direct	MarketValueLand	TaxRoll
LincolnCty2012Data.xlsx	OwnerCode	Direct; Owner	NameCD	Name
LincolnCty2012Data.xlsx	ParcelID	Direct	TaxAccountID	TaxRoll
LincolnCty2012Data.xlsx	ParcelNumber	Direct	SourceParcelID	TaxRoll
LincolnCty2012Data.xlsx	ParcelNumber	Concatenate: 'http://lincolnwa.taxesifter.com/Search/results.aspx?q=', ParcelNum	AssessorURL	TaxRoll
LincolnCty2012Data.xlsx	ParcelType	Concatenate: ParcelType, AssessmentType, IsExempt, PropertyClass	TaxStatus	TaxRoll
LincolnCty2012Data.xlsx	PropertyClass	Concatenate: ParcelType, AssessmentType, IsExempt, PropertyClass	TaxStatus	TaxRoll
LincolnCty2012Data.xlsx	Situs	Direct	SiteAddressFull	TaxRoll
LincolnCty2012Data.xlsx	State	Direct; Owner	AddressState	Name
LincolnCty2012Data.xlsx	TotalAcres	Direct	TabularAcres	TaxRoll
LincolnCty2012Data.xlsx	TotalAssessedValue	Direct	TaxableValueTotal	TaxRoll
LincolnCty2012Data.xlsx	TotalMarketValue	Direct	MarketValueTotal	TaxRoll
LincolnCty2012Data.xlsx	Zip	Direct; Owner	AddressZip	Name
Parcel.shp	LandUseCode	Direct, when DepartmentOfRevenueCode is Null	StateLandUseCode	StateLandUse, TaxRoll
Parcel.shp	LastModified	Direct	SourceRevisionDate	TaxRoll
Parcel.shp	ParcelNum	Direct	SourceParcelID	TaxRoll
Parcel.shp	ParcelNum	FME Substring(0,1); Concatenate with 'N'	Township	TaxRoll
Parcel.shp	ParcelNum	FME Substring(2,3); Concatenate with 'E'	Range	TaxRoll
Parcel.shp	ParcelNum	FME Substring(5,6); If == '00' not a valid section	Section	TaxRoll

Normalization Notes

Integration Date:	2012-04-24
Integration Notes:	<p>Parcel.shp has one new field in 2012: TCO.</p> <p>The following fields in LincolnCty2012Data.xlsx are new in 2012: MarketCropValue, AssessedCropValue, PriorMarket, PriorAssessed, PriorTaxable, PriorMrktLand, PriorMrktImpr, PriorMrktCrop, PriorAssessLand, PriorAssessImpr, PriorAssessCrop, NewConstruction, Neighborhood, ParentNeighborhood, SortAcres.</p> <p>The field: SecondaryLandUse in 2010 was not in the 2012 file.</p> <p>The shapefile was processed using the ArcToolbox Repair Geometry tool with the following results.</p> <p>The following features were self-intersecting and were repaired: FID ParcelNum 1668 2731009600010 3047 2535004000000 4941 2337002000015 11399 2439004800070 12628 2439004500010 25756 2439004600040 29995 - 30044 2438004700035 30059 0316000000900 30105 2439004600051 30106 2439004500010 30109 2439004500020 30111 2439004800060 30116 2439004600051 30120 2439004600051 30121 2439004600051 30127 2439004500010 30131 2439004500010 30132 2439004600051 30133 2439004800060</p> <p>Features with FIDs: 11143,12645,25405,25410 Repaired, but were slivers and were removed.</p> <p>Features with FIDs: 11145, 11602, 12301, 15976, 16242, 21570, 24289, 24673, 24678, 24679, 25408, 25409, 25422, 25423, 25424, 25425, 25679, 25680, 25979, 25983 were self-intersecting, but when they were repaired had NULL geometry and were removed.</p> <p>There are 5 parcels with ParcelNum value: 507002003000. 2 of these (FIDs 25438,25440) were slivers and were removed.</p> <p>There are 2 parcels with ParcelNum value: 2636006600030. The vertices on the curving border between these were not in the same location, which was causing internal holes then they were aggregated together into a single polygon. The vertices of the SE parcel were moved to the locations of the NW parcel using the Editor toolbar in ArcMap.</p>
QAQC Date:	2012-07-19
QAQC Notes:	<p>PolyID=422000024051; ProcessParcelAggregated=3; confirm 3 adjacent polygons from source data (parcels.shp) with the same PARCELNUM (805098005000). PolyID=422000023882; ProcessParcelAggregated=4; confirmed 3 adjacent polygons with same PARCELNUM (603022001300). Parcels aggregated correctly.</p> <p>NameID=422000000569; ProcessNameFlattened=2; confirmed 2 records in source data (Parcel.dbf) with same owner info (MCKENNA CHARLES S S); ParcelNum for the 2 records are: 2333002700010, 2333002700011).</p> <p>NameID=422000003319; ProcessNameFlattened=3; confirmed 3 records in Taxroll table and</p>

Parcels tabel with PolyIDs: 422000012669, 422000013794, 422000018175. Names flattened correctly.

Normalization Process -- Attribute Value Translation

Original Field (DepartmentOfRevenueCode) Value	Normalized Field (StateLandUseCode) Value
0	0
10	11
11	11
12	12
13	13
15	15
16	16
18	18
19	19
20	39
39	39
41	41
43	43
45	45
47	47
48	48
49	49
51	51
52	52
53	53
54	54
58	58
59	59
61	61
62	62
63	63
64	64
65	65
67	67
68	68
69	69
72	72
74	74
76	76
79	79
80	85
81	81

Original Field (DepartmentOfRevenueCode) Value	Normalized Field (StateLandUseCode) Value
82	82
83	83
85	85
93	93
94	94
95	95
99	99

Mason County -- 423

Current Assessor Contact Information:

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Acquired Data Files

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
Improvements.XLS	XLS	2012-05-10	2012-05-10	NA	emailed by Matt Stull
Varions	Shapefile	2012-02-07	2012-02-07	NAD_1983_StatePlane_Washington_South_FIPS_4602_Feet	Uploaded to Mason County FTP site by Matt Stull

Acquired Tables

Table Name:	Source Data File Name:	Normalization Date
Improvements.XLS	Improvements.XLS	2012-05-16
Parcels.shp	Varions	2012-05-16

Normalization Process

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
Improvements.XLS	Bathrooms	Direct	NumberBathrooms	Improvement
Improvements.XLS	Bedrooms	Direct	NumberBedrooms	Improvement

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
Improvements.XLS	Foundation	Direct	FoundationType	Improvement
Improvements.XLS	GarageArea	Direct	SquareFeetGarage	Improvement
Improvements.XLS	ObjectDesc	Direct	SourceImprovementID	Improvement
Improvements.XLS	RemodelYear	Direct	YearRenovated	Improvement
Improvements.XLS	SliceDesc	Concatenate: SliceDesc, SliceType, Style	Description	Improvement
Improvements.XLS	SliceType	Concatenate: SliceDesc, SliceType, Style	Description	Improvement
Improvements.XLS	SliceType	Direct	SourceType	Improvement
Improvements.XLS	Style	Concatenate: SliceDesc, SliceType, Style	Description	Improvement
Improvements.XLS	TotalArea	Direct	SquareFeetTotal	Improvement
Improvements.XLS	TotalBasementArea	Direct	SquareFeetBasement	Improvement
Improvements.XLS	YearBuilt	Direct	YearBuilt	Improvement
Parcels.shp	ADDRESS_1	Direct; Owner	AddressLine1	Name
Parcels.shp	ADDRESS_2	Direct; Owner	AddressLine2	Name
Parcels.shp	ASSESS_BV	Direct	TaxableValueImprovements	TaxRoll
Parcels.shp	ASSESS_LV	Direct	TaxableValueLand	TaxRoll
Parcels.shp	ASSESS_VAL	Direct	TaxableValueTotal	TaxRoll
Parcels.shp	CITY	Direct; Owner	AddressCity	Name
Parcels.shp	DISTRICT	Direct	TaxCodeArea	TaxRoll
Parcels.shp	FIRST_NAME	Owner; Concatenate: FIRST_NAME, LAST_NAME	Name.Name	Name
Parcels.shp	IS_EXEMPT	Concatenate: PARCELTYPE, IS_EXEMPT	TaxStatus	TaxRoll
Parcels.shp	LANDUSE	FME Substring(0,1)	StateLandUseCode	StateLandUse, TaxRoll
Parcels.shp	LANDUSE	FME Substring (5,-1)	SourceLandUseDescription	TaxRoll
Parcels.shp	LAST_NAME	Owner; Concatenate: FIRST_NAME, LAST_NAME	Name.Name	Name
Parcels.shp	LEGAL_DESC	Direct	LegalDescription	TaxRoll
Parcels.shp	Map_number	Direct	SourceDocumentReference	TaxRoll

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
Parcels.shp	MARKET_BV	Direct	MarketValueImprovements	TaxRoll
Parcels.shp	MARKET_LV	Direct	MarketValueLand	TaxRoll
Parcels.shp	MARKET_VAL	Direct	MarketValueTotal	TaxRoll
Parcels.shp	PARCELTYPE	Concatenate: PARCELTYPE, IS_EXEMPT	TaxStatus	TaxRoll
Parcels.shp	PIN	Direct	SourceParcelID	TaxRoll
Parcels.shp	PIN	Concatenate 'http://www.coburn.wa.us/ast/r/parcel_detail.php?parcel_number=', PIN	AssessorURL	TaxRoll
Parcels.shp	QTR	Direct	QuarterSection	TaxRoll
Parcels.shp	Range	Concatenate Range, Rangedir	Range	TaxRoll
Parcels.shp	Rangedir	Concatenate Range, Rangedir	Range	TaxRoll
Parcels.shp	Section	Direct	Section	TaxRoll
Parcels.shp	SITUS_ADDR	Direct	SiteAddressFull	TaxRoll
Parcels.shp	STATE	Direct; Owner	AddressState	Name
Parcels.shp	TOT_ACRES	Direct	UnimprovedAcres	TaxRoll
Parcels.shp	Towndir	Concatenate Township, Towndir	Township	TaxRoll
Parcels.shp	Township	Concatenate Township, Towndir	Township	TaxRoll
Parcels.shp	ZIP	Direct; Owner	AddressZip	Name

Normalization Notes

Integration Date:	2012-05-16
Integration Notes:	<p>Parcels.shp was modified between 2010 and 2012.</p> <p>2010 attributes removed in 2012: RECORD_CD, TRAY_NUM, TAX_NUM, REVAL_AREA, TAX_CODE_A, ZONE_CODE, ZONE_DESC, SUB_PRC_CD, UND_INT, TIMBER_VAL, F_P_ACRES, IMP_LD_A, TIMBER_AC, LIEN_TYPE, LIEN_DATE, AFFIDAVIT, AFF_ASM_YR, AFF_TAX_YR, O_S_APP_NU, O_S_AGR_NU, F_M_TIMBER, MOBILE_H_V, F_P_ASSM, LOAN_NUM2, TAXPAYER, TITLE_OWN, CONTRACT_H, DESCRIP_5, NAME_FORM, ADDRESS_3</p> <p>2010 attributes modified for 2012: USE_CODE, USE_CODE_D2 --> LANDUSE USE_CODE --> LANDUSE_2 TAX_STATUS --> PARCELTYPE, IS_EXEMPT UNIMP_LD_V, IMP_LD_V --> ASSESS_LV F_M_UNIMP_V, F_M_IMP_V --> MARKET_LV NAME --> LAST_NAME, FIRST_NAME DESCRIP_1, DESCRIP_2, DESCRIP_3, DESCRIP_4 --> LEGAL_DESC</p> <p>2010 attributes renamed in 2012: TAX_CODE --> DISTRICT</p>

BUILDING_V --> ASSESS_BV
UNIMP_LD_A --> TOT_ACRES

New attributes in 2012:

ASSESS_VAL, TAX_VALUE, MARKET_VAL, MARKET_BV, SITUS_ADDR, SUB_NAME

!! Residential structures and mobile home data Modified between 2010 and 2012!!

SAME IN BOTH 2010 building_data_w_column_headings.xlsx AND 2012 Improvements.XLS
YearBuilt, Bedrooms, Bathrooms

SAME IN BOTH 2010 Mobile_Home_Data_w_column_headings.xlsx AND 2012
Improvements.XLS
Width, Length, YearBuilt, Bedrooms, Bathrooms

2010 building_data_w_column_headings.xlsx attributes NOT IN 2012 Improvements.XLS
NUMBER OF BUILDINGS, EXTERIOR TYPE, ROOF TYPE, HEAT TYPE, GARAGE TYPE,
FIRST SF, SECOND SF, THIRD SF, HALF SF, SPLIT SF, DECK SF, IMPROVEMENT VALUE

2010 Mobile_Home_Data_w_column_headings.xlsx NOT IN 2012 Improvements.XLS
DECK SF, MARKET IMPROVEMENT VALUE

2010 building_data_w_column_headings.xlsx attributes RENAMED IN 2012 Improvements.XLS
PIN ParcelNumber
BUILDING TYPE --> SliceType
BUILDING STYLE --> SliceDesc
FOUNDATION TYPE --> Foundation
TOTAL SF --> TotalArea
BASEMENT SF --> TotalBasementArea
GARAGE SF --> GarageArea

2010 Mobile_Home_Data_w_column_headings.xlsx RENAMED 2012 Improvements.XLS
PIN --> ParcelNumber
PP NUMBER --> SerialNumber
MAKE MODEL --> Make
MAKE MODEL --> Model
TOTAL SF --> TotalArea

New Attributes in 2012 Improvements.XLS

ParcelType, IsExempt, RollYear, Neighborhood, StateCode, ObjectDesc, Style, BaseArea,
RemodelYear, PhysDepr, PhysDeprOR, BaseUnitCost, BaseTotalCost,
BasicStructureTotalCost, BasementCost, MinFinArea, PartFinArea, AttachedExtrasCost,
YardImpsCost, ImprMktAdjustment

Parcels.shp was processed using the ArcGIS 'Repair Geometry' tool with the following results:
These features were repaired because of self-intersections

FID	PIN
12377	222235105031
12808	222248888888
51613	322314300140
52809	320031490020

These features were deleted because of NULL geometry

FID	PIN
29464	319080060010
29465	319080060010
29466	319080060010
52903	No PIN
52904	No PIN
56907	No PIN
57907	No PIN
59904	No PIN
59905	No PIN
59906	No PIN
59907	No PIN

	<p>59908 No PIN 59909 No PIN 59910 No PIN</p> <p>6 parcels with PIN value: 123050060010 had trouble aggregating into a multipart polygon. The shared boundary between the parcels with FIDs 46599 and 47326, in particular the NW corner of 46599 had to have vertices adjusted to remove holes.</p> <p>There are Two parcels with PIN: 319151300000 and two parcels with PIN: 319151300010. In order to aggregate these into multipart polygons, the Southernmost vertex of Northern 319151300000 was moved to exactly intersect the NW corner of Eastern 319151300010.</p>
QAQC Date:	2012-07-23
QAQC Notes:	<p>PolyID=423000000000; ProcessParcelFlattened=2; confirmed 2 records in source data (Parcels.shp) for the same polygon; PINs:221275001006 and 221275001901. They both have the same Shape_area and Shape_len (1219.16742209 and 153.667903995 respectively). Parcel flattened correctly.</p> <p>PolyID=423000053785; ProcessParcelAggregated=4; confirmed 4 polygons in source data (Parcels.shp) with same PIN (223081000000). Parcels aggregated correctly.</p> <p>PolyID=423000052905; ProcessParcelDuplicatesRemoved=2; this PolyID is made up of 9 aggregated parcel polygons from the original data (Parcels.shp) with PIN=322329999999; the 9 records contain NULL attributes. There are 2 records of the 9 that have identical Shape_area (991798.538312) and Shape_len (41238.3893328). Duplicates removed correctly.</p> <p>NameID=423000004288; ProcessNameFlattened=5; confirmed 5 records in source data (Parcels.dbf) with the same owner information (ARCADIA SERVICE ASSN INC); PINs: 320352300003, 320345000050, 320345000049, 320345000048, 320345000048. Names flattened correctly.</p>

Normalization Process -- Attribute Value Translation

Original Field (LANDUSE) Value	Normalized Field (SourceLandUseDescription) Value
0	0
11 - Residential - Single Family	11
12 - Residential - 2-4 Units	12
13 - Residential - Multiunits	13
14 - Residential - Condo	14
15 - Residential - Mobile Home	15
16 - Residential - Hotels/Motels	16
17 - Residential - Institutional lodging	17
18 - Residential - All other	18
19 - Residential - Vacation and Cabin	19
21 - Commercial - Food	21
24 - Commercial - Lumber and Wood	24
25 - Commercial - Furniture & Fixtures	25
27 - Commercial - Printing & Publishing	27

Original Field (LANDUSE) Value	Normalized Field (SourceLandUseDescription) Value
32 - Commercial - Stone, Clay & Glass	32
32 - Commercial - Stone, Clay && Glass	32
33 - Commercial - Primary Metal Products	33
34 - Commercial - Fabricated Metal Products	34
39 - Commercial - Misc Commercial	39
41 - Transportation - Railroad	41
42 - Transportation - Motor Vehicle	42
43 - Transportation - Aircraft	43
44 - Transportation - Marine	44
45 - Transportation - Highway	45
46 - Transportation - Auto Parking	46
47 - Transportation - Communication	47
48 - Transportation - Utilities	48
49 - Transportation - Other	49
51 - Trade - Wholesale Trade	51
52 - Trade - Retail Trade	52
53 - Trade - General Merchandise	53
54 - Trade - Food	54
55 - Trade - Auto	55
56 - Trade - Apparel	56
57 - Trade - Furniture & Equipment	57
58 - Trade - Eating & Drinking	58
58 - Trade - Eating && Drinking	58
59 - Trade - Other	59
61 - Services - Finance/Insurance/RealEstate	61
62 - Services - Personal	62
63 - Services - Business	63
64 - Services - Repair	64
65 - Services - Professional	65
66 - Services - Contract	66
67 - Services - Governmental	67
68 - Services - Educational	68
69 - Services - Misc	69
71 - Recreational - Cultural	71
72 - Recreational - Public assembly	72
73 - Recreational - Amusements	73
74 - Recreational - Rec. Activities	74
75 - Recreational - Resorts & Group Camps	75
75 - Recreational - Resorts && Group Camps	75
76 - Recreational - Parks	76
79 - Recreational - Other Recreational	79

Original Field (LANDUSE) Value	Normalized Field (SourceLandUseDescription) Value
81 - Resource - Agriculture	81
82 - Resource - Agriculture Activities	82
83 - Resource - Agriculture Current Use	83
84 - Resource - Fishing	84
85 - Resource - Mining	85
88 - Resource - Designated Forest Land	88
91 - Undeveloped - Land	91
92 - Undeveloped - Noncommercial Forest	92
93 - Undeveloped - Water areas	93
94 - Undeveloped - Open Space	94
95 - Undeveloped - Timberland	95
99 - Undeveloped - Other	99
1000	0
2000	19
2009	19
2010	19
2011	19
2012	19
2013	19
2014	19
2015	19
2016	19
2017	19
2018	19
2019	19
2020	19
2021	19
2022	19
2023	19
2025	19
2026	19
2027	19
2028	19
2029	19
2030	19
2031	19
2032	19
2033	19
2034	19
2036	19
2037	19

Original Field (LANDUSE) Value	Normalized Field (SourceLandUseDescription) Value
2038	19
2039	19
2042	19
2050	19
2053	19
2060	19
2065	19
2067	19
2080	19
2081	19
2082	19
2083	19
2084	19
2086	19
2087	19
8900	89
8917	89
8919	89
8990	89

Okanogan County -- 424

Current Assessor Contact Information:

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Acquired Data Files

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
2012-01-05_land use.shp	Shapefile	2012-01-25	2012-01-05	NAD_1927_StatePlane_Washington_North_FIPS_4601	Downloaded from http://www.okanogancounty.org/planning/zip/parcels.zip

Acquired Tables

Table Name:	Source Data File Name:	Normalization Date
2012-01-05_landuse.shp	2012-01-05_landuse.shp	2012-05-18

Normalization Process

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
2012-01-05_landuse.shp	BOOK_PG	Direct	SourceDocumentReference	TaxRoll
2012-01-05_landuse.shp	CURRENT_OW	Direct; Owner	Name.Name	Name
2012-01-05_landuse.shp	DATE_CREAT	Direct	SourceCreationDate	TaxRoll
2012-01-05_landuse.shp	DEEDED_ACR	Direct	TabularAcres	TaxRoll
2012-01-05_landuse.shp	DOR_CODE	First two (left) characters; FME substring extract (0,1)	StateLandUseCode	StateLandUse, TaxRoll
2012-01-05_landuse.shp	E911	Direct; Used if SITUS is NULL.	SiteAddressFull	TaxRoll
2012-01-05_landuse.shp	E911_ADD	Direct	SiteAddressNumber	TaxRoll
2012-01-05_landuse.shp	E911_ROAD	Direct	SiteAddressStreetFullName	TaxRoll
2012-01-05_landuse.shp	HTTP	Direct	AssessorURL	TaxRoll
2012-01-05_landuse.shp	IMPP_MARKET	Direct	MarketValueImprovements	TaxRoll
2012-01-05_landuse.shp	IMPR_USE_V	Direct	TaxableValueImprovements	TaxRoll
2012-01-05_landuse.shp	LAND_MARKET	Direct	MarketValueLand	TaxRoll
2012-01-05_landuse.shp	LAND_USE_V	Direct	TaxableValueLand	TaxRoll
2012-01-05_landuse.shp	LAST_DATE	Direct	SourceRevisionDate	TaxRoll
2012-01-05_landuse.shp	LEGAL	Direct	LegalDescription	TaxRoll
2012-01-05_landuse.shp	MAIL1	Direct	AddressLine1	Name
2012-01-05_landuse.shp	MAIL_2	Direct	AddressLine2	Name
2012-01-05_landuse.shp	MAIL_3	Where MAIL_3 is not NULL, split on comma. Take first = AddressCity; second =AddressState	AddressCity	Name
2012-01-05_landuse.shp	MAIL_3	Where MAIL_3 is not NULL, split on comma. Take first = AddressCity; second =AddressState	AddressState	Name
2012-01-05_landuse.shp	MAP__	Where MAP__ is not NULL, split on hyphen, take first as Township; second as Range;	Township	TaxRoll

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
		last as Section		
2012-01-05_land use.shp	MAP__	Where MAP__ is not NULL, split on hyphen, take first as Township; second as Range; last as Section	Range	TaxRoll
2012-01-05_land use.shp	MAP__	Where MAP__ is not NULL, split on hyphen, take first as Township; second as Range; last as Section	Section	TaxRoll
2012-01-05_land use.shp	PCROP_MV	Direct	MarketValueCrop	TaxRoll
2012-01-05_land use.shp	PCROP_UV	Direct	TaxableValueCrop	TaxRoll
2012-01-05_land use.shp	PIN	Direct	SourceParcelID	TaxRoll
2012-01-05_land use.shp	PROPERTY_C	Direct	PropertyType	TaxRoll
2012-01-05_land use.shp	SITUS	Removed leading zeros on number and '\'	SiteAddressFull	TaxRoll
2012-01-05_land use.shp	TCA	Direct	TaxCodeArea	TaxRoll
2012-01-05_land use.shp	TOTAL_MARK	Direct	MarketValueTotal	TaxRoll
2012-01-05_land use.shp	TOTAL_USE_	Direct	TaxableValueTotal	TaxRoll
2012-01-05_land use.shp	ZIP	Direct	AddressZip	Name

Normalization Notes

Integration Date:	2012-05-18
Integration Notes:	<p>Source data is in the same format as 2010. There is one new attribute in the 2012 shapefile: ASRATIO.</p> <p>There are three parcels with PIN: 7960000001. The small center one is self-intersecting where it touches the SE corner of the parcel with PIN: 7960000602. The SE corner of 7960000602 and the inside vertex of 7960000001 were both moved NW about 0.5 feet to remove the self-intersection.</p>
QAQC Date:	2012-07-23
QAQC Notes:	NameID=424000000970; ProcessNameFlattened=4; confirmed 4 records in source data (2012-01-05_landuse.dbf) with same CURRENT_OW(CATON, TOM) and owner info; PINs: 6411380002, 6411370000, 3828070001, 3728114009. Names flattened correctly.

Pacific County -- 425

Current Assessor Contact Information:

Current Assessor Contact Information:

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Acquired Data Files

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
Tax_Lots.shp	Shapefile	2012-01-23	2012-01-10	NAD_1983_StatePlane_Washington_South_FIP_S_4602_Feet	N/A
Various	TXT	2012-03-27	2012-03-21	NA	received by email from Heather Waite at TerraScan
Various	TXT	2012-03-27	2012-03-21	NA	received by email from Heather Waite at TerraScan
Various	TXT	2012-03-27	2012-03-21	NA	received by email from Heather Waite at TerraScan
Various	TXT	2012-03-27	2012-03-21	NA	received by email from Heather Waite at TerraScan

Acquired Tables

Table Name:	Source Data File Name:	Normalization Date
PACICBLG.txt	Various	2012-04-23
PACIFAP.txt	Various	2012-04-23
PACIFAS.txt	Various	2012-04-23
PACIFBLG.txt	Various	2012-04-23
Tax_Lots.shp	Tax_Lots.shp	2012-04-23

Normalization Process

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
PACICBLG.txt	Area/Units	Direct	SquareFeetTotal	Improvement
PACICBLG.txt	Bldg #	Direct	SourceImprovementID	Improvement
PACICBLG.txt	Code	Concatenate: Code, Description	Description	Improvement
PACICBLG.txt	Cond	Direct	Condition	Improvement
PACICBLG.txt	Description	Concatenate: Code, Description	Description	Improvement
PACICBLG.txt	Ext Wall	Direct	SidingMaterial	Improvement
PACICBLG.txt	Qual	Direct	Quality	Improvement

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
PACICBLG.txt	Stories	Direct	NumberStories	Improvement
PACICBLG.txt	Year	Direct	YearBuilt	Improvement
PACIFAP.txt	Base SF	Direct	SquareFeetFootprint	Improvement
PACIFAP.txt	Bath	Direct	NumberBathrooms	Improvement
PACIFAP.txt	Bed	Direct	NumberBedrooms	Improvement
PACIFAP.txt	Bsmt SF	Direct	SquareFeetBasement	Improvement
PACIFAP.txt	Condition	Direct	Condition	Improvement
PACIFAP.txt	Ext Wall 1	Concatenate: Ext Wall 1, Ext Wall 2	SidingMaterial	Improvement
PACIFAP.txt	Ext Wall 2	Concatenate: Ext Wall 1, Ext Wall 2	SidingMaterial	Improvement
PACIFAP.txt	Foundation	Direct	FoundationType	Improvement
PACIFAP.txt	Gar SF	Direct	SquareFeetGarage	Improvement
PACIFAP.txt	Quality	Direct	Quality	Improvement
PACIFAP.txt	Rem Year	Direct	YearRenovated	Improvement
PACIFAP.txt	Roof	Direct	RoofMaterial	Improvement
PACIFAP.txt	Style1	Concatenate: Style 1, Style 2	Description	Improvement
PACIFAP.txt	Style2	Concatenate: Style 1, Style 2	Description	Improvement
PACIFAP.txt	Total SF	Direct	SquareFeetTotal	Improvement
PACIFAP.txt	Type	Direct	Type	Improvement
PACIFAP.txt	Year	Direct	YearBuilt	Improvement
PACIFAS.txt	Address 1	Direct	AddressLine1	Name
PACIFAS.txt	Address 2	Direct	AddressLine2	Name
PACIFAS.txt	City State	FME SubstringExtract(0,-5)	AddressCity	Name
PACIFAS.txt	City State	FME SubstringExtract(-2,-1)	AddressState	Name
PACIFAS.txt	Current Owner	Direct; Owner	Name.Name	Name
PACIFAS.txt	Deeded Acres	Direct	TabularAcres	TaxRoll
PACIFAS.txt	DOR Codes	Use LandUse_PACI_Crosswalk on FME Subtring(0,1)	StateLandUseCode	StateLandUse, TaxRoll
PACIFAS.txt	Ex Amount	Concatenate PR Class, Ex Amount	TaxStatus	TaxRoll
PACIFAS.txt	Impr Market	Direct	MarketValueImprovements	TaxRoll
PACIFAS.txt	Impr Value	Direct	TaxableValueImprovements	TaxRoll
PACIFAS.txt	Land Market	Direct	MarketValueLand	TaxRoll
PACIFAS.txt	Land Value	Direct	TaxableValueLand	TaxRoll
PACIFAS.txt	Legal Description	Direct	LegalDescription	TaxRoll

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
PACIFAS.txt	Map #	Direct	SourceDocumentReference	TaxRoll
PACIFAS.txt	Parcel #	Direct	SourceParcelID	TaxRoll
PACIFAS.txt	Parcel #	Concatenate 'http://pacificwa.taxesifter.com/taxesifter/t-assessor.asp?pid=', Parcel #	AssessorURL	TaxRoll
PACIFAS.txt	PC Market	Direct	MarketValueCrop	TaxRoll
PACIFAS.txt	Perm Crop	Direct	TaxableValueCrop	TaxRoll
PACIFAS.txt	PR Class	Concatenate PR Class, Ex Amount	TaxStatus	TaxRoll
PACIFAS.txt	Situs	Direct	SiteAddressFull	TaxRoll
PACIFAS.txt	Situs	split on '\'; if first part is number send to SiteAddressNumber	SiteAddressNumber	TaxRoll
PACIFAS.txt	Situs	split on '\'; if first part is number send second part to SiteAddressStreetFullName	SiteAddressStreetFullName	TaxRoll
PACIFAS.txt	Tax District	Direct	TaxCodeArea	TaxRoll
PACIFAS.txt	Total Market	Direct	MarketValueTotal	TaxRoll
PACIFAS.txt	Total Value	Direct	TaxableValueTotal	TaxRoll
PACIFAS.txt	Zip	Direct	AddressZip	Name
PACIFBLG.txt	Code	Concatenate: Code, Description	Description	Improvement
PACIFBLG.txt	Cond	Direct	Condition	Improvement
PACIFBLG.txt	Cover	Direct	RoofMaterial	Improvement
PACIFBLG.txt	Description	Concatenate: Code, Description	Description	Improvement
PACIFBLG.txt	ID	Direct	SourceImprovementID	Improvement
PACIFBLG.txt	Qual	Direct	Quality	Improvement
PACIFBLG.txt	Units	Direct	SquareFeetTotal	Improvement
PACIFBLG.txt	Wall	Direct	SidingMaterial	Improvement
PACIFBLG.txt	Year	Direct	YearBuilt	Improvement
Tax_Lots.shp	ASSESSOR	Direct	SourceParcelID	TaxRoll
Tax_Lots.shp	CADASTRAL	FME Substring (0,1); Concatenate with: "N"	Township	TaxRoll
Tax_Lots.shp	CADASTRAL	FME Substring (2,3); Concatenate with: "W"	Range	TaxRoll
Tax_Lots.shp	CADASTRAL	FME Substring (4,5)	Section	TaxRoll

Normalization Notes

Integration	2012-04-23
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Date:	
Integration Notes:	<p>The 2012 shapefile is missing one field from the 2010 shapefile: COV_PARC.</p> <p>PACIFAS.txt is missing the column names in the header row for 4 fields: Address 1, Address 2, City State, and Zip. These were added and the file was saved to: PACIFAS_CORRECT_FIELD_NAMES.TXT.</p> <p>The source shapefile was processed using the 'Repair Geometry' tool in ArcGIS and 3 features with NULL geometries were deleted: FID ASSESSOR 56115 10112744034 56159 71019037017 56427 NULL</p>
QAQC Date:	2012-07-23
QAQC Notes:	<p>PolyID=425000000000; ProcessParcelFlattened=2; confirmed 2 records in source data (Tax_Lots.shp) for the same polygon; source parcel IDs (ASSESSOR) are 14091413400 and 14091443002. Parcel flattened correctly.</p> <p>PolyID=425000028598; ProcessParcelAggregated=4; confirmed 4 adjacent polygons in source data (Tax_Lots.shp) with the same source parcel ID (ASSESSOR=71009024008). Reconfirmed with PolyID=425000028070; ProcessParcelAggregated=2 and found 2 polygons in source data with the same source parcel ID (ASSESSOR=13072923000). Parcels aggregated correctly.</p> <p>PolyID=425000014603; ProcessParcelDuplicatesRemoved=2; confirmed 2 identical records in source data (Tax_Lots.shp) with ASSESSOR=15103640000. Duplicates removed correctly.</p> <p>NameID=425000001608; ProcessNameFlattened=4; confirmed 4 records in source data (Tax_Lots.shp) with same Current Owner and owner info (TORGERSON, MILTON ET UX); source parcel IDs (ASSESSOR): 11110924269, 11110924268, 11110924267, 11110924266. Reconfirmed with PolyID=425000002563; ProcessNameFlattened=11; there were 11 redundant records. Names flattened correctly.</p>

Normalization Process -- Attribute Value Translation

Original Field (DOR Codes) Value	Normalized Field (StateLandUseCode) Value
0	
10	11
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	
21	21
24	24

Original Field (DOR Codes) Value	Normalized Field (StateLandUseCode) Value
27	27
29	29
34	34
39	39
43	43
46	46
47	47
48	48
49	49
51	51
52	52
53	53
54	54
55	55
56	56
57	57
58	58
59	59
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69
71	71
72	72
73	73
74	74
75	75
77	77
79	79
81	81
82	82
83	83
84	84
85	85
88	88
89	89

Original Field (DOR Codes) Value	Normalized Field (StateLandUseCode) Value
91	91
93	93
94	94
95	95
97	97
99	99

Pend Oreille County -- 426

Current Assessor Contact Information:

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Acquired Data Files

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
Various	Shapefile & XLS	2012-02-29	2012-02-09	NAD_1983_HARN_StatePlane_Washington_North_FIPS_4601_Feet	received on CD-R in the mail on Feb 28, 2012
Various	Shapefile & XLS	2012-02-29	2012-02-09	NAD_1983_HARN_StatePlane_Washington_North_FIPS_4601_Feet	received on CD-R in the mail on Feb 28, 2012

Acquired Tables

Table Name:	Source Data File Name:	Normalization Date
Parcels.shp	Various	2012-04-24
POC_Assessor_DB.xlsx	Various	2012-04-24

Normalization Process

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
Parcels.shp	pno_1	Direct	SourceParcelID	TaxRoll
Parcels.shp	url	Direct	AssessorURL	TaxRoll
POC_Assessor_DB.xlsx	ADDR_CITY	Direct; Owner	AddressCity	Name

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
POC_Assessor_DB.xlsx	ADDR_LINE1	Direct; Owner	AddressLine1	Name
POC_Assessor_DB.xlsx	ADDR_LINE2	Direct; Owner	AddressLine2	Name
POC_Assessor_DB.xlsx	ADDR_LINE3	Direct; Owner	AddressLine3	Name
POC_Assessor_DB.xlsx	ADDR_STATE	Direct; Owner	AddressState	Name
POC_Assessor_DB.xlsx	AG_SCHED	Concatenate: AG_SCHED, LAND_SCHED	TaxStatus	TaxRoll
POC_Assessor_DB.xlsx	Const_Qual	Direct	Quality	Improvement
POC_Assessor_DB.xlsx	DEED_NUMBE	Concatenate: VOLUME, PAGE, DEED_NUMBE	SourceDocumentReference	TaxRoll
POC_Assessor_DB.xlsx	GEO_ID	FME Substring (2,3); Concatenate with 'N'	Township	TaxRoll
POC_Assessor_DB.xlsx	GEO_ID	FME Substring (0,1); Concatenate with 'E'	Range	TaxRoll
POC_Assessor_DB.xlsx	GEO_ID	FME Substring (4,5)	Section	TaxRoll
POC_Assessor_DB.xlsx	LAND_SCHED	Concatenate: AG_SCHED, LAND_SCHED	TaxStatus	TaxRoll
POC_Assessor_DB.xlsx	LEGAL_AC	Direct	TabularAcres	TaxRoll
POC_Assessor_DB.xlsx	LEGAL_DESC	Direct	LegalDescription	TaxRoll
POC_Assessor_DB.xlsx	LND_MKT_VL	Direct	MarketValueLand	TaxRoll
POC_Assessor_DB.xlsx	MARKET	Direct	MarketValueTotal	TaxRoll
POC_Assessor_DB.xlsx	OWNR_NM	Direct; Owner	Name.Name	Name
POC_Assessor_DB.xlsx	PAGE	Concatenate: VOLUME, PAGE, DEED_NUMBE	SourceDocumentReference	TaxRoll
POC_Assessor_DB.xlsx	PROP_ID	Direct	TaxAccountID	TaxRoll
POC_Assessor_DB.xlsx	PROP_USE_C	FME Substring (0,1)	StateLandUseCode	StateLandUse, TaxRoll
POC_Assessor_DB.xlsx	PRP_USE_DE	Direct	SourceLandUseDescription	TaxRoll
POC_Assessor_DB.xlsx	SITUS_CITY	Direct	SiteAddressCity	TaxRoll
POC_Assessor_DB.xlsx	SITUS_CITY	Concatenate: SITUS_NUM, SITUS_PREF, SITUS_ST, SITUS_SUFI, SITUS_CITY, SITUS_STAT, SITUS_ZIP	SiteAddressFull	TaxRoll
POC_Assessor_DB.xlsx	SITUS_NUM	Direct	SiteAddressNumber	TaxRoll
POC_Assessor_DB.xlsx	SITUS_NUM	Concatenate: SITUS_NUM, SITUS_PREF, SITUS_ST, SITUS_SUFI, SITUS_CITY,	SiteAddressFull	TaxRoll

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
		SITUS_STAT, SITUS_ZIP		
POC_Assessor_DB.xlsx	SITUS_PREF	Direct	SiteAddressStreetPrefix	TaxRoll
POC_Assessor_DB.xlsx	SITUS_PREF	Concatenate: SITUS_NUM, SITUS_PREF, SITUS_ST, SITUS_SUFI, SITUS_CITY, SITUS_STAT, SITUS_ZIP	SiteAddressFull	TaxRoll
POC_Assessor_DB.xlsx	SITUS_PREF	Concatenate: SITUS_PREF, SITUS_ST, SITUS_SUFI	SiteAddressStreetFullName	TaxRoll
POC_Assessor_DB.xlsx	SITUS_ST	Direct	SiteAddressStreetName	TaxRoll
POC_Assessor_DB.xlsx	SITUS_ST	Concatenate: SITUS_NUM, SITUS_PREF, SITUS_ST, SITUS_SUFI, SITUS_CITY, SITUS_STAT, SITUS_ZIP	SiteAddressFull	TaxRoll
POC_Assessor_DB.xlsx	SITUS_ST	Concatenate: SITUS_PREF, SITUS_ST, SITUS_SUFI	SiteAddressStreetFullName	TaxRoll
POC_Assessor_DB.xlsx	SITUS_STAT	Concatenate: SITUS_NUM, SITUS_PREF, SITUS_ST, SITUS_SUFI, SITUS_CITY, SITUS_STAT, SITUS_ZIP	SiteAddressFull	TaxRoll
POC_Assessor_DB.xlsx	SITUS_SUFI	Direct	SiteAddressStreetSuffix	TaxRoll
POC_Assessor_DB.xlsx	SITUS_SUFI	Concatenate: SITUS_NUM, SITUS_PREF, SITUS_ST, SITUS_SUFI, SITUS_CITY, SITUS_STAT, SITUS_ZIP	SiteAddressFull	TaxRoll
POC_Assessor_DB.xlsx	SITUS_SUFI	Concatenate: SITUS_PREF, SITUS_ST, SITUS_SUFI	SiteAddressStreetFullName	TaxRoll
POC_Assessor_DB.xlsx	SITUS_ZIP	Concatenate: SITUS_NUM, SITUS_PREF, SITUS_ST, SITUS_SUFI, SITUS_CITY, SITUS_STAT, SITUS_ZIP	SiteAddressFull	TaxRoll
POC_Assessor_DB.xlsx	TAX_AREA	Concatenate: TAX_AREA_N, ',', TAX_AREA	TaxCodeArea	TaxRoll
POC_Assessor_DB.xlsx	TAX_AREA_N	Concatenate: TAX_AREA_N, ',', TAX_AREA	TaxCodeArea	TaxRoll
POC_Assessor_DB.xlsx	VOLUME	Concatenate: VOLUME, PAGE, DEED_NUMBE	SourceDocumentReference	TaxRoll
POC_Assessor_DB.xlsx	YR_BLT	Direct	YearBuilt	Improvement
POC_Assessor_DB.xlsx	ZIP	Direct	AddressZip	Name

Normalization Notes

Integration Date:	2012-04-24
Integration Notes:	In 2012 Parcels.shp has all of the assessor fields added in. The following fields were new to the shapefile in 2012: objectid, url, zoning, PROP_ID_1, GEO_ID, PROP_VAL_Y, OWNR_NM, ADDR_LINE1, ADDR_LINE2, ADDR_LINE3, ADDR_CITY, ADDR_STATE, ZIP, TAX_AREA_N, TAX_AREA, LEGAL_DESC, LEGAL_AC, SUBDV_CD, SUBDV_NM, BLOCK, TRACT_LOT, CLASS_CD,

	<p>PROP_USE_C, PRP_USE_DE, LAND_SCHED, AG_SCHED, LND_MKT_VL, IMPRV_VAL, MARKET, SITUS_NUM, SITUS_PREF, SITUS_ST, SITUS_SUFI, SITUS_CITY, SITUS_STAT, SITUS_ZIP, SL_DT, SL_PRICE, VOLUME, PAGE, DEED_NUMBE, YR_BLT, LV_AREA, CONST_QUAL, EFF_YR_BLT</p> <p>The following 2010 fields were not in the 2012 shapefile: Shape_Leng, Shape_Area -----</p> <p>In 2012, the excel workbook: POC_Assessor_DB.xlsx replaces the 2010 assessor DBF file. The 2012 file contains the following new fields: SUBDV_NM, YR_BLT, LV_AREA, Const_Qual, EFF_YR_BLT.</p> <p>The 2010 field OID is not in the 2012 data.</p> <p>The source data shapefile was processed using the 'Repair Geometry' tool in ArcGIS. Four features were modified because of self-intersections:</p> <p>FID pno_1 pno_2 3663 433134510028 433134518028 10828 453015540003 13141 443209450080 13735 453113580026</p>
QAQC Date:	2012-07-23
QAQC Notes:	<p>PolyID=426000016410; ProcessParcelAggregated=4; confirmed 4 polygons in source data (Parcel.shp); source parcel id (pno_1) = 453010200001. Parcels aggregated correctly.</p> <p>NameID=426000001095; ProcessNameFlattened=5; confirmed 5 records in source data (POC_Assessor_DB.xlsx) with matching owner info for DON A O'NEAL; SourceParcelIDs (in taxroll table): 433134520027, 433134520021, 433134520026,433134520028, 433134520027.</p> <p>NameID=426000000012; ProcessNameFlattened=3; confirmed 3 records in source data (POC_Assessor_DB.xlsx) with redundant Owner name info for MARLIN L GRIFFIN. Names flattened correctly.</p>

Pierce County -- 427

Current Assessor Contact Information:

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Acquired Data Files

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
Various	Various	2012-01-27	2012-01-23	NAD_1983_HARN_StatePlane_Washington_South_FIPS_4602_Feet	<p>TaxParcel.shp and taxpayer.txt received by mail on CD-R on January 27, 2012</p> <p>tax_account.txt, improvement.txt,</p>

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
					improvement_builtas.txt downloaded from: http://www.co.pierce.wa.us/cfapps/atr/damart/download.cfm
Various	Various	2012-01-27	2012-01-21	NAD_1983_HARN_StatePlane_Washington_South_FIPS_4602_Feet	TaxParcel.shp and taxpayer.txt received by mail on CD-R on January 27, 2012 tax_account.txt, improvement.txt, improvement_builtas.txt downloaded from: http://www.co.pierce.wa.us/cfapps/atr/damart/download.cfm
Various	Various	2012-01-27	2012-01-21	NAD_1983_HARN_StatePlane_Washington_South_FIPS_4602_Feet	TaxParcel.shp and taxpayer.txt received by mail on CD-R on January 27, 2012 tax_account.txt, improvement.txt, improvement_builtas.txt downloaded from: http://www.co.pierce.wa.us/cfapps/atr/damart/download.cfm
Various	Various	2012-01-27	2012-01-20	NAD_1983_HARN_StatePlane_Washington_South_FIPS_4602_Feet	TaxParcel.shp and taxpayer.txt received by mail on CD-R on January 27, 2012 tax_account.txt, improvement.txt, improvement_builtas.txt downloaded from: http://www.co.pierce.wa.us/cfapps/atr/damart/download.cfm
Various	Various	2012-01-27	2012-01-20	NAD_1983_HARN_StatePlane_Washington_South_FIPS_4602_Feet	TaxParcel.shp and taxpayer.txt received by mail on CD-R on January 27, 2012 tax_account.txt, improvement.txt, improvement_builtas.txt downloaded from: http://www.co.pierce.wa.us/cfapps/atr/damart/download.cfm

Acquired Tables

Table Name:	Source Data File Name:	Normalization Date
improvement.txt	Various	2012-03-22
improvement_builtas.txt	Various	2012-03-22
TaxParcel.shp	Various	2012-03-22
taxpayer.txt	Various	2012-03-22
tax_account.txt	Various	2012-03-22

Normalization Process

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
improvement.txt	AttachedGarageSquareFeet	Sum of AttachedGarageSquareFeet, DetachedGarageSquareFeet	SquareFeetGarage	Improvement
improvement.txt	BasementSquareFeet	Direct	SquareFeetBasement	Improvement
improvement.txt	BuildingID	Direct	SourceImprovementID	Improvement
improvement.txt	Condition	Direct	Condition	Improvement
improvement.txt	DetachedGarageSquareFeet	Sum of AttachedGarageSquareFeet, DetachedGarageSquareFeet	SquareFeetGarage	Improvement
improvement.txt	PropertyType	Direct	Type	Improvement
improvement.txt	Quality	Direct	Quality	Improvement
improvement.txt	SquareFeet	Direct	SquareFeetTotal	Improvement
improvement_builtas.txt	Bathrooms	Direct; if multiple records for a BuildingID, concatenate them together	NumberBathrooms	Improvement
improvement_builtas.txt	Bedrooms	Direct; if multiple records for a BuildingID, concatenate them together	NumberBedrooms	Improvement
improvement_builtas.txt	BuiltAsDescription	Direct; if multiple records for a BuildingID, concatenate them together	Description	Improvement
improvement_builtas.txt	Exterior	Direct; if multiple records for a BuildingID, concatenate them together	SidingMaterial	Improvement
improvement_builtas.txt	RoofCover	Direct; if multiple records for a BuildingID, concatenate them together	RoofMaterial	Improvement

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
improvement_builtas.txt	Stories	Direct; if multiple records for a BuildingID, concatenate them together	NumberStories	Improvement
improvement_builtas.txt	YearBuilt	Direct; if multiple records for a BuildingID, concatenate them together	YearBuilt	Improvement
improvement_builtas.txt	YearRemodeled	Direct; if multiple records for a BuildingID, concatenate them together	YearRenovated	Improvement
TaxParcel.shp	EditDate	Direct	SourceRevisionDate	TaxRoll
TaxParcel.shp	Exemption_	Concatenate: tax_account.AccountType, tax_account.PropertyType, TaxParcel.Exemption_, TaxParcel.Tax_Senior	TaxStatus	TaxRoll
TaxParcel.shp	Improvement	Direct	MarketValueImprovements	TaxRoll
TaxParcel.shp	Landuse_Description	Direct	SourceLandUseDescription	TaxRoll
TaxParcel.shp	Land_Acres	Direct	TabularAcres	TaxRoll
TaxParcel.shp	Land_Value	Direct	MarketValueLand	TaxRoll
TaxParcel.shp	Legal_Desc	Direct	LegalDescription	TaxRoll
TaxParcel.shp	RTSQQ	FME Substring (0,1)	Range	TaxRoll
TaxParcel.shp	RTSQQ	FME Substring (2,3)	Township	TaxRoll
TaxParcel.shp	RTSQQ	FME Substring (4,5)	Section	TaxRoll
TaxParcel.shp	RTSQQ	FME Substring (6,7)	QuarterSection	TaxRoll
TaxParcel.shp	Site_Address	Direct	SiteAddressFull	TaxRoll
TaxParcel.shp	Taxable_Value	Direct	TaxableValueTotal	TaxRoll
TaxParcel.shp	TaxParcelIN	Direct	SourceParcelID	TaxRoll
TaxParcel.shp	TaxParcelIN	Concatenate: 'http://epip.co.pierce.wa.us/CFApps/atr/ePIP/summary.cfm?parcel=', TaxParcelIN	AssessorURL	TaxRoll
TaxParcel.shp	Tax_Area_Code	Direct	TaxCodeArea	TaxRoll
TaxParcel.shp	Tax_Senior	Concatenate: tax_account.AccountType, tax_account.PropertyType, TaxParcel.Exemption_, TaxParcel.Tax_Senior	TaxStatus	TaxRoll

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
TaxParcel.shp	Use_Code	FME Substring (0,1)	StateLandUseCode	StateLandUse, TaxRoll
taxpayer.txt	CareOf	Direct; Taxpayer	AddressLine1	Name
taxpayer.txt	City	Direct; Taxpayer	AddressCity	Name
taxpayer.txt	Country	Direct; Taxpayer	AddressCountry	Name
taxpayer.txt	DeliveryAddress	Direct; Taxpayer	AddressLine2	Name
taxpayer.txt	State	Direct; Taxpayer	AddressState	Name
taxpayer.txt	TaxPayerName	Direct; Taxpayer	Name.Name	Name
taxpayer.txt	Zipcode	Direct; Taxpayer	AddressZip	Name
tax_account.txt	AccountType	Concatenate: tax_account.AccountType, tax_account.PropertyType, TaxParcel.Exemption_, TaxParcel.Tax_Senior	TaxStatus	TaxRoll
tax_account.txt	PropertyType	Concatenate: tax_account.AccountType, tax_account.PropertyType, TaxParcel.Exemption_, TaxParcel.Tax_Senior	TaxStatus	TaxRoll
tax_account.txt	TotalMarketValueCurrentYear	Direct	MarketValueTotal	TaxRoll

Normalization Notes

Integration Date:	2012-03-22
Integration Notes:	<p>Received a new file this year: taxpayer.txt, which contains taxpayer names and addresses. This was used in place of the fields in TaxParcel.shp (which were used in 2010), because it contains a CareOf field with additional taxpayer name information, and has city and state separated into separate fields.</p> <p>TaxParcel.shp has new fields in 2012: TaxParcelT, TaxParcelL, TaxParcelU, TaxParce_1, EffectiveD, RetiredDat, TaxParcelM, SubtypeCD, TaxParcelC, EditDate</p> <p>TaxParcel.shp no longer contains the following fields in 2012: MULT_PARCE, REF_PARCEL, COUNTER</p> <p>The following fields in TaxParcel.shp were renamed between 2010 and 2012: TAX_PARCEL --> TaxParcelIN CITY_ST --> City_State IMPR_VALUE --> Improvemen USE_CD --> Use_Code TAX_SR_EXE --> Tax_Senior EXEMPT_CD --> Exemption_ Y_COORD --> X_Coordina X_COORD --> Y_Coordina LONG --> Longitude LAT --> Latitude Shape_area --> Shape_STAr Shape_len --> Shape_STLe</p>

Geometry:

The source shapefile was run through the Repair Geometry tool in ArcGIS 10 and the following features were repaired:

FID|TaxParcelN
0|0021011076
115|0022143005
148|0022144035
203|0022145031
225|0022145053
237|0022146012
247|0022146031
248|0022147001
292|0022154009
313|0022221030
374|0022224029
401|0022231033
434|0022232041
460|0022233028
482|0022234044
488|0022234050
492|0022234057
527|0022242019
550|0022243038
611|0022251000
643|0022252033
708|0022261001
740|0022262017
762|0022263008
775|0022264009

QAQC Date: 2012-07-23

QAQC Notes: PolyID=427000000223; ProcessParcelFlattened=3; confirm 3 different source parcel ids for same polygon (TaxParcel.shp); TaxParcelN from source data: 2545050110, 2545050090, 2545050070. PolyID=427000001283; ProcessParcelFlattened=2; confirmed 2 source parcel ids (TaxParcel.shp) for same polygon; source parcel ids (TaxParcelN) are: 3165500010 and 4700001141. Parcel was flattened correctly.

PolyID=427000304474; ProcessParcelAggregated=3; confirmed 3 different polygons in source data (TaxParcel.shp) with the same source id (9001950030); the polygons had different dimensions and overlapped. They look to have been aggregated correctly.

PolyID=427000300576; ProcessParcelAggregated=2; confirmed 2 adjacent polygons in source data with TaxParcelN's 9001380050 and 0220151027. Parcels aggregated correctly.

NameID=427000022159; ProcessNameFlattened=6; confirmed 6 records in source data (TaxParcel.dbf) with same owner info (SANDPOINT INVESTMENTS LLC); TaxParcelN's: 5003880070, 5003880060, 5003880020, 2890002633, 2890002632, 2890002631.

PolyID=427000302362; ProcessParcelDuplicatesRemoved=3; Confirmed 11 parcels were aggregated, and each of the 11 aggregated parcels had a duplicates removed of 3. The 3 duplicates stem from 3 different condo unit numbers. Parcels aggregated correctly.

San Juan County -- 428

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Acquired Data Files

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
Various	Shapefile & MDB	2012-02-21	2012-02-01	NAD_1983_StatePlane_Washington_North_FIPS_4601_Feet	received SJC_AssessorsRoll_20120201.mdb on DVD in the mail from Charles Zalmanek download ed taxmap.shp and Buildings.shp from http://www.sanjuanoco.com/gis/gislib.aspx
Various	Shapefile & MDB	2012-02-21	2012-02-09	NAD_1983_StatePlane_Washington_North_FIPS_4601_Feet	received SJC_AssessorsRoll_20120201.mdb on DVD in the mail from Charles Zalmanek download ed taxmap.shp and Buildings.shp from http://www.sanjuanoco.com/gis/gislib.aspx
Various	Shapefile & MDB	2012-02-21	2012-02-09	NAD_1983_StatePlane_Washington_North_FIPS_4601_Feet	received SJC_AssessorsRoll_20120201.mdb on DVD in the mail from Charles Zalmanek download ed taxmap.shp and Buildings.shp from http://www.sanjuanoco.com/gis/gislib.aspx

Acquired Tables

Table Name:	Source Data File Name:	Normalization Date
dbo_xp_Improvements	Various	2012-07-30
dbo_xp_ParcelSearchDisplay	Various	2012-07-30
taxmap.shp	Various	2012-07-30

Normalization Process

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
dbo_xp_Improvements	AttrArea	Direct when AttrDescription = 'ROOM COUNT' and AttrValue = 'BATHROOM'	NumberBathrooms	Improvement
dbo_xp_Improvements	AttrArea	Direct when AttrDescription = 'ROOM COUNT' and AttrValue = 'BEDROOM'	NumberBedrooms	Improvement
dbo_xp_Improvements	DetailArea	Sum all values foreach ImprovementID when imprv_det_type_cd IN (BSMTFIN, BSMTGARFIN, BSMTGARUNF, BSMTMIN, BSMTNOFL, BSMTUNF) and AttrDescription = Basement	SquareFeetBasement	Improvement
dbo_xp_Improvements	DetailArea	Sum all values foreach ImprovementID when 'imprv_det_type_cd' IN (ATTGARFIN, ATTGARUNF, BSMTGARFIN, BSMTGARUNF)	SquareFeetGarage	Improvement
dbo_xp_Improvements	DetailArea	Sum values foreach ImprovementID where imprv_det_type_cd IN (LOFT,LOFT-AVE, LOFT-FAIR,M,MA, MA2,MA3)	SquareFeetTotal	Improvement
dbo_xp_Improvements	DetailBuildingTypeDescription	Concatenate: DetailBuildingTypeDescription, DetailDescription, DetailType	Description	Improvement
dbo_xp_Improvements	DetailDescription	Concatenate: DetailBuildingTypeDescription, DetailDescription, DetailType	Description	Improvement
dbo_xp_Improvements	DetailType	Concatenate: DetailBuildingTypeDescription, DetailDescription, DetailType	Description	Improvement
dbo_xp_Improvements	ImprovementBuilt	Direct	YearBuilt	Improvement
dbo_xp_Improvements	ImprovementID	Direct	SourceImprovementID	Improvement
dbo_xp_Improvements	Remodeled	Direct	YearRenovated	Improvement
dbo_xp_ParcelSearchDisplay	address_1	Direct; owner	AddressLine1	Name
dbo_xp_ParcelSearchDisplay	address_2	Direct; owner	AddressLine2	Name

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
dbo_xp_ParcelSe archDisplay	address_3	Direct; owner	AddressLine3	Name
dbo_xp_ParcelSe archDisplay	Appraised_Value	Direct	TaxableValueTotal	TaxRoll
dbo_xp_ParcelSe archDisplay	Bldg_Value	Direct	MarketValueImprovements	TaxRoll
dbo_xp_ParcelSe archDisplay	city	Direct; owner	AddressCity	Name
dbo_xp_ParcelSe archDisplay	Land_Value	Direct	MarketValueLand	TaxRoll
dbo_xp_ParcelSe archDisplay	Legal_Acres	Direct	TabularAcres	TaxRoll
dbo_xp_ParcelSe archDisplay	Owner	Direct; owner	Name.Name	Name
dbo_xp_ParcelSe archDisplay	Short_Lega	Direct	LegalDescription	TaxRoll
dbo_xp_ParcelSe archDisplay	site_addr	Direct	SiteAddressFull	TaxRoll
dbo_xp_ParcelSe archDisplay	state	Direct	AddressState	Name
dbo_xp_ParcelSe archDisplay	Tax_Code	Direct	TaxCodeArea	TaxRoll
dbo_xp_ParcelSe archDisplay	Tax_Status	Concatenate: Tax_Status, TaxPurpose	TaxStatus	TaxRoll
dbo_xp_ParcelSe archDisplay	TA_ID	Direct	TaxAccountID	TaxRoll
dbo_xp_ParcelSe archDisplay	TA_ID	Concatenate: 'http://www.co.san-juan.wa.us/assessor/ParcelInfo.aspx?prop=', TA_ID	AssessorURL	TaxRoll
dbo_xp_ParcelSe archDisplay	Use_Code	FME substring(0,1)	StateLandUseCode	StateLandUse, TaxRoll
dbo_xp_ParcelSe archDisplay	zip	Direct; owner	AddressZip	Name
taxmap.shp	PIN	Direct	SourceParcelID	TaxRoll
taxmap.shp	PIN	FME Substring (0); if equals '5' set Range to 01E, otherwise concatenate '0',Substring,'W'	Range	TaxRoll
taxmap.shp	PIN	FME Substring (1); add 30 to substring; concatenate substring, 'N'	Township	TaxRoll
taxmap.shp	PIN	FME Substring (2,3)	Section	TaxRoll
taxmap.shp	TaxPurpose	Concatenate: Tax_Status, TaxPurpose	TaxStatus	TaxRoll

Normalization Notes

Integration Date:	2012-07-30
Integration Notes:	<p>----SJC_AssessorsRoll_YYYYMMDD.mdb----</p> <p>the table2010 dbo_Xport_Improvements was renamed dbo_xp_Improvements. Three 2010 attributes are not in the 2012 Improvements table: imprv_type_cd, prop_val_yr, imprv_det_type_cd</p> <p>The 2010 Excel workbook AssessorParcelData_20100713.xls was replaced by a new table dbo_xp_ParcelSearchDisplay in SJC_AssessorsRoll_YYYYMMDD.mdb. Two 2010 fields were renamed in the 2012 table: Legal_Acre --> Legal_Acres Appraised_ --> Appraised_Value</p> <p>There are two new fields in 2012: site_addr, Sale_Comment</p> <p>-----</p> <p>Geometry: parcel boundaries are often not well aligned, in particular on curved edges, where vertices are not the same for polygons on opposite sides of the boundary. Multipart polygons cannot have overlaps in an SDE database, so all aggregated parcels (those with the same PIN) had overlaps removed, and as a result may have had their vertices moved up to 0.5 feet.</p>
QAQC Date:	2012-07-31
QAQC Notes:	<p>PolyID=428000016747; ProcessParcelAggregated=3; confirmed 3 polygons from source data (taxmap.shp) with the same source parcel id (PIN=241221002000). PolyId=428000017326; ProcessParcelAggregated=4; confirmed 4 polygons from source data with the same source parcel id (PIN=350931003000). Parcels aggregated correctly.</p> <p>NameId=428000000630; ProcessNameFlattened=5; confirmed 5 records in Improvements table; ImprovementID's:428000046534, 428000022941, 428000016507, 428000041181, 428000032313. NameID=428000009703; ProcessNameFlattened=8; confirmed 8 records in source data (SJC_AssessorsRoll_20120201.mdb - dbo_xp_ParcelSearchDisplay); source parcel ID's (PIN): 353452006000, 353452009000, 353452008000, 353452007000, 353452005000, 353452004000, 353452002000, 353452001000. Names flattened correctly.</p>

Skagit County -- 429

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Acquired Data Files

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
Various	Shapefile &	2012-01-30	2012-01-30	NAD_1983_StatePlane_	Shapefile:

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
	Text			Washington_North_FIP S_4601_Feet	http://www.skagitcounty.net/Common/Asp/Default.asp?d=GIS&c=General&p=Digital/parcels.htm Assessor data: ftp://ftp.skagitcounty.net/Assessor/DataFiles
Various	Shapefile & Text	2012-01-30	2012-01-30	NAD_1983_StatePlane_Washington_North_FIP S_4601_Feet	Shapefile: http://www.skagitcounty.net/Common/Asp/Default.asp?d=GIS&c=General&p=Digital/parcels.htm Assessor data: ftp://ftp.skagitcounty.net/Assessor/DataFiles
Various	Shapefile & Text	2012-01-30	2012-01-30	NAD_1983_StatePlane_Washington_North_FIP S_4601_Feet	Shapefile: http://www.skagitcounty.net/Common/Asp/Default.asp?d=GIS&c=General&p=Digital/parcels.htm Assessor data: ftp://ftp.skagitcounty.net/Assessor/DataFiles

Acquired Tables

Table Name:	Source Data File Name:	Normalization Date
AssessorData.txt	Various	2012-03-23
Improvements.txt	Various	2012-03-23
Parcels.shp	Various	2012-03-23

Normalization Process

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
AssessorData.txt	Account Number	Direct	TaxAccountID	TaxRoll
AssessorData.txt	Acres	Direct	TabularAcres	TaxRoll
AssessorData.txt	Building Value	Direct	MarketValueImprovements	TaxRoll
AssessorData.txt	Current Use Adjustment	Concatenate PropType, Exemptions, Current Use Adjustment, Senior Exemption Adjustment	TaxStatus	TaxRoll

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
AssessorData.txt	Exemptions	Concatenate PropType, Exemptions, Current Use Adjustment, Senior Exemption Adjustment	TaxStatus	TaxRoll
AssessorData.txt	Impr Land Value	Direct	MarketValueImprovedLand	TaxRoll
AssessorData.txt	Land Use	Use LandUse_SKAG_Crosswalk	StateLandUseCode	StateLandUse, TaxRoll
AssessorData.txt	Legal Description	Direct	LegalDescription	TaxRoll
AssessorData.txt	Levy Code	Direct	TaxCodeArea	TaxRoll
AssessorData.txt	Owner Add 1	Direct	AddressLine1	Name
AssessorData.txt	Owner Add 2	Direct	AddressLine2	Name
AssessorData.txt	Owner Add 3	Direct	AddressLine3	Name
AssessorData.txt	Owner City	Direct	AddressCity	Name
AssessorData.txt	Owner Name	Direct; Owner	Name.Name	Name
AssessorData.txt	Owner State	Direct	AddressState	Name
AssessorData.txt	Owner Zip	Direct	AddressZip	Name
AssessorData.txt	Parcel Number	Direct	SourceParcelID	TaxRoll
AssessorData.txt	PropType	Concatenate PropType, Exemptions, Current Use Adjustment, Senior Exemption Adjustment	TaxStatus	TaxRoll
AssessorData.txt	Quarter Section	Direct	QuarterSection	TaxRoll
AssessorData.txt	Range	Concatenate with 'E'	Range	TaxRoll
AssessorData.txt	Section	Direct	Section	TaxRoll
AssessorData.txt	Senior Exemption Adjustment	Concatenate PropType, Exemptions, Current Use Adjustment, Senior Exemption Adjustment	TaxStatus	TaxRoll
AssessorData.txt	Situs City State Zip	Concatenate Situs Street Number, Situs Street Name, Situs City State Zip	SiteAddressFull	TaxRoll
AssessorData.txt	Situs City State Zip	Split on comma, take first	SiteAddressCity	TaxRoll
AssessorData.txt	Situs Street Name	Direct	SiteAddressStreetFullName	TaxRoll
AssessorData.txt	Situs Street Name	Concatenate Situs Street Number, Situs Street Name, Situs City State Zip	SiteAddressFull	TaxRoll

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
AssessorData.txt	Situs Street Number	Direct	SiteAddressNumber	TaxRoll
AssessorData.txt	Situs Street Number	Concatenate Situs Street Number, Situs Street Name, Situs City State Zip	SiteAddressFull	TaxRoll
AssessorData.txt	Taxable Value	Direct	TaxableValueTotal	TaxRoll
AssessorData.txt	Timber Land Value	Direct	MarketValueTimberLand	TaxRoll
AssessorData.txt	Total Market Value	Direct	MarketValueTotal	TaxRoll
AssessorData.txt	Township	Concatenate with 'N'	Township	TaxRoll
AssessorData.txt	Unimpr Land Value	Direct	MarketValueUnimprovedLand	TaxRoll
Improvements.txt	actual_year_built	Direct	YearBuilt	Improvement
Improvements.txt	Bedrooms	Direct	NumberBedrooms	Improvement
Improvements.txt	building_style	Concatenate: building_style, ConstructionStyle, description, imprv_det_type_cd. Note: building_style, ConstructionStyle, and imprv_det_type_cd are codes that are mapped to a value using metadata provided by county. Both the original and mapped values are provided.	Description	Improvement
Improvements.txt	calc_area	Direct	SquareFeetFootprint	Improvement
Improvements.txt	condition_cd	Direct	Condition	Improvement
Improvements.txt	ConstructionStyle	Concatenate: building_style, ConstructionStyle, description, imprv_det_type_cd. Note: building_style, ConstructionStyle, and imprv_det_type_cd are codes that are mapped to a value using metadata provided by county. Both the original and mapped values are provided.	Description	Improvement
Improvements.txt	description	Concatenate: building_style, ConstructionStyle, description, imprv_det_type_cd. Note: building_style, ConstructionStyle, and imprv_det_type_cd are codes that are mapped to a value using metadata provided by county. Both the original and mapped values are provided.	Description	Improvement

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
Improvements.txt	ExteriorWall	Direct	SidingMaterial	Improvement
Improvements.txt	Foundation	Mapped to a value using metadata provided by county. Both the original and mapped values are provided.	FoundationType	Improvement
Improvements.txt	Foundation	If Foundation in: CCP (COV CONC PRCH), CCP1 (COV CONC PRCH SHED ROOF), CCP2 (COV CONC PRCH GABLE/HIP ROOF), CD (CEDAR DECK), CWP (COV WOOD PRCH), CWP1 (COV WOOD PRCH SHED ROOF), CWP2 (COV WOOD PRCH GABLE/HIP ROOF), DECK, FD (FIR DECK), TD (TREATED WOOD DECK), WP (WOOD PORCH) -- Concatenate with: building_style, ConstructionStyle, description.	Description	Improvement
Improvements.txt	imprv_det_type_cd	Concatenate: building_style, ConstructionStyle, description, imprv_det_type_cd. Note: building_style, ConstructionStyle, and imprv_det_type_cd are codes that are mapped to a value using metadata provided by county. Both the original and mapped values are provided.	Description	Improvement
Improvements.txt	imprv_id	Direct	SourceImprovementID	Improvement
Improvements.txt	new_const_year	Direct	YearRenovated	Improvement
Improvements.txt	Plumbing	calculated from string values in FME	NumberBathrooms	Improvement
Improvements.txt	RoofCovering	Direct	RoofMaterial	Improvement
Parcels.shp	PARCELID	Direct	SourceParcelID	TaxRoll
Parcels.shp	PARCELID	Concatenate 'http://www.skagitcounty.net/Common/Asp/Default.asp?d=Assessor&c=Search&a=ParcelSearch&p=Results.asp&st=parcelid&sv=', PARCELID	AssessorURL	TaxRoll

Normalization Notes

Integration Date:	2012-03-23
Integration Notes:	The file 'AssessorData.txt' has newLine characters in the Legal Description field causing errors while importing it. The legal description was split onto multiple lines when opened, which meant that many lines did not have the proper number of fields, and could not be imported properly.

This occurred for 59 parcels, those with Parcel IDs: P104336, P104916, P108448, P111057, P111134, P115536, P124728, P130205, P130241, P130507, P130532, P130670, P15233, P15272, P15377, P16326, P16499, P17051, P17433, P17436, P17466, P17467, P17767, P20053, P20071, P20072, P21403, P21582, P21998, P22000, P22872, P27870, P28764, P28956, P29224, P29911, P30601, P31785, P35722, P36212, P39548, P39549, P41956, P42151, P46407, P46993, P47383, P48083, P48958, P49050, P52404, P56735, P56838, P57720, P60794, P70580, P71006, P73557, P74171

A perl script was written to remove the newLines and combine the split lines back together into a single line. The newLine characters were replaced with '~~'. During this process, problematic characters were mapped to new characters as shown below.

```
' --> '  
" --> "  
¼ --> 1/4  
'/4 --> 1/4  
'/2 --> 1/2  
' --> '
```

The repaired source data file is called 'AssessorData_Repaired.txt'

The file 'Improvements.txt' has newLine characters in the Description field causing errors while importing it. The description was split onto multiple lines when opened, which meant that many lines did not have the proper number of fields, and could not be imported.

A perl script was written to remove the newLines and combine the split lines back together into a single line. The newLine characters were replaced with '~~'.

The repaired source data file is called 'Improvements_Repaired.txt'

Geometry:

the source shapefile was processed through the Repair Geometry tool in ArcGIS 10. One parcel FID 7738 (no PARCELID) had NULL geometry and was removed.

One parcel, FID 40614 (no PARCELID, Shape_area = 6.972693, Shape_len = 88.0660187974) was self-intersecting. It was a line that doubled over itself and repairing the self-intersection removed the feature.

**QAQC
Date:**

N/A

**QAQC
Notes:**

PolyID=429000000000; ProcessParcelFlattened=2; there are 6 records in the source data with the same source parcel id (PARCELID=P31222). Duplicates were removed and the remaining two non-duplicates were flattened. Parcel flattened correctly.

PolyID=429000074289; ProcessParcelAggregated=3; confirmed 3 adjacent polygons in source data (Parcels.shp) with the same source parcel id (PARCELID=P46551). Parcels aggregated correctly.

PolyID=429000074143; ProcessParcelDuplicatesRemoved=5; confirm 5 redundant records in source data (Parcels.shp) with PARCELID=P46883. There are actually 6 records for PARCELID=P46883, but only 5 have matching Shape_area (68910.240645) and Shap_len (1324.51529693). Duplicates removed correctly.

NameID=429000031221; ProcessNameFlattened=5; There is only 1 record for KINNEY ROGER S in source data (AssessorData.txt). However, there are 5 different entries in the Improvement table with ImprovementID's: 429000030201, 429000105268, 429000205258, 429000230624, 429000151503.

NameID=429000021529; ProcessNameFlattened=3; there are parcels in Parcel Table owned

by MAXWELL ROBERT LU (ParcelIDs=429000020313, 429000011719);
 PolyID=429000011719 has 2 ImprovementIDs (429000228738, 429000208838) which account
 for the 3rd name record that was flattened. Names flattened correctly.

Normalization Process -- Attribute Value Translation

Original Field (Land Use) Value	Normalized Field (StateLandUseCode) Value
(110) HOUSEHOLD SFR OUTSIDE CITY	11
(111) HOUSEHOLD, SFR, INSIDE CITY	11
(120) HOUSEHOLD, 2-4 UNITS	12
(130) HOUSEHOLD, 5+ UNITS	13
(140) CONDO RESIDENTIAL	14
(150) MOBILE HOME PARKS	15
(160) HOTELS, MOTELS	16
(170) INSTITUTIONAL LODGING	17
(180) MOBILE HOMES	18
(181) MH LEASED PROPERTY	18
(190) VACATION AND CABIN	19
(210) FOOD AND KINDRED PRODUCTS	21
(230) APPAREL/FINISHED PROD. FROM FABRIC/LEAT	23
(240) LUMBER & WOOD PRODUCTS	24
(250) FURNITURE & FIXTURES	25
(270) PRINTING & PUBLISHING	27
(280) CHEMICALS	28
(290) PETROLEUM REFINING & RELATED INDUST.	29
(310) LEATHER AND LEATHER PRODUCTS	31
(320) STONE, CLAY AND GLASS PRODUCTS	32
(330) PRIMARY METAL PRODUCTS	33
(340) FABRICATED METAL PRODUCTS	34
(350) PROF SCIENTIFIC/CONTROL INSTR; PHOTO &	35
(360) LOG DUMP	39
(390) LAND ZONED INDUSTRIAL WITH RESIDENCE	18
(410) RAILROAD TRANSPORTATION	41
(420) MOTOR VEHICLE TRANSPORTATION	42
(430) AIRCRAFT TRANSPORTATION	43
(440) MARINE CRAFT TRANSPORTATION	44
(450) HIGHWAY & STREET RIGHT OF WAY	45
(460) AUTOMOBILE PARKING	46
(470) COMMUNICATIONS	47
(480) UTILITIES (DIKE & DRAIN PROPERTY)	48
(490) OTHER TRANSPORT/COMMUNI/UTILITIES NOT E	49
(500) CONDOMINIUMS OTHER THAN RESIDENTIAL	50

Original Field (Land Use) Value	Normalized Field (StateLandUseCode) Value
(510) WHOLESALE TRADE	51
(520) RETAIL TRADE/BUILDING MAT./HARDWARE/FAR	52
(530) RETAIL TRADE, GENERAL MERCHANDISE	53
(540) RETAIL TRADE, FOOD	54
(550) RETAIL/AUTO/TIRES/MARINECRAFT/AIRCRAFT	55
(560) RETAIL TRADE, APPAREL & ACCESSORIES	56
(570) RETAIL TRADE, FURNITURE, HOME FURNISH.	57
(580) RETAIL TRADE, EATING & DRINKING	58
(590) OTHER RETAIL TRADES	59
(610) FINANCE, INSURANCE & REAL ESTATE	61
(620) PERSONAL SERVICES	62
(630) BUSINESS SERVICES	63
(640) REPAIR SERVICES	64
(650) PROFESSIONAL SERVICES	65
(660) CONTRACT CONSTRUCTION SERVICES	66
(670) GOVERNMENTAL SERVICES	67
(680) EDUCATION SERVICES (SCHOOLS)	68
(690) MISCELLANEOUS SERVICES	69
(710) CULTURAL ACTIVITIES & NATURE EXHIBITS	71
(720) PUBLIC ASSEMBLY	72
(730) AMUSEMENTS	73
(740) RECREATIONAL ACTIVITIES	74
(750) RESORTS & GROUP CAMPS	75
(760) PARKS	76
(770) CEMETARY	77
(790) OTHER CULTURAL/ENTERTAIN./RECREATIONAL	79
(810) AGRICULTURE, NON-CLASSIFIED O/S	81
(820) AGRICULTURE RELATED ACTIVITIES	82
(831) CLASSIFIED TIMBER	88
(840) FISHING ACTIVITIES & RELATED SERVICES	84
(850) MINING ACTIVITIES & RELATED SERVICES	85
(890) OTHER RESOURCE PRODUCTION	89
(910) UNIMPROVED LAND	91
(920) TREES	92
(930) WATER AREAS	93
(970) CONDO MOORAGE	18
(981) OPEN SPACE/OPEN SPACE	94
(982) OPEN SPACE FARM AND AG.	83
(983) OPEN SPACE TIMBER	95
(984) DESIGNATED TIMBER	88

Skamania County -- 430

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Acquired Data Files

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
Parcel_20120405	File Geodatabase	2012-04-09	2012-04-05	NAD_1983_HARN_StatePlane_Washington_South_FIPS_4602_Feet	uploaded to WAGIS site by Rick Hollatz

Acquired Tables

Table Name:	Source Data File Name:	Normalization Date
Parcel	Parcel_20120405	2012-04-20

Normalization Process

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
Parcel	ARCH_TYPE	Direct	Description	Improvement
Parcel	BASMT_AREA	Direct	SquareFeetBasement	Improvement
Parcel	BK_PG	Concatenate: BK_PG, MAP_NUM	SourceDocumentReference	TaxRoll
Parcel	CREATEDT	Direct	SourceCreationDate	TaxRoll
Parcel	CRPMRK_VAL	Direct	MarketValueCrop	TaxRoll
Parcel	CRPUSE_VAL	Direct	TaxableValueCrop	TaxRoll
Parcel	CURNT_OWN	Direct	Name.Name	Name
Parcel	DEED_AC	Direct	TabularAcres	TaxRoll
Parcel	DOR_CODE	FME Substring Extract (0,1)	StateLandUseCode	StateLandUse, TaxRoll
Parcel	EXMPT_AMT	Concatenate: EXMPT_CODE, EXMPT_AMT, PROP_CLASS, PROP_TYPE	TaxStatus	TaxRoll

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
Parcel	EXMPT_CODE	Concatenate: EXMPT_CODE, EXMPT_AMT, PROP_CLASS, PROP_TYPE	TaxStatus	TaxRoll
Parcel	FLOOR_AREA	Direct	SquareFeetTotal	Improvement
Parcel	GARAG_AREA	Direct	SquareFeetGarage	Improvement
Parcel	IMPMRK_VAL	Direct	MarketValueImprovements	TaxRoll
Parcel	IMPUSE_VAL	Direct	TaxableValueImprovements	TaxRoll
Parcel	LASTUPDT	Direct	SourceRevisionDate	TaxRoll
Parcel	LEGAL_DESC	Direct	LegalDescription	TaxRoll
Parcel	LNDMRK_VAL	Direct	MarketValueLand	TaxRoll
Parcel	LNDUSE_VAL	Direct	TaxableValueLand	TaxRoll
Parcel	MAILADD1	Direct	AddressLine1	Name
Parcel	MAILADD2	Direct	AddressLine2	Name
Parcel	MAILADD3	FME Substring Extract (-2,-1)	AddressState	Name
Parcel	MAILADD3	FME Substring Extract (0,-3)	AddressCity	Name
Parcel	MAP_NUM	Concatenate: BK_PG, MAP_NUM	SourceDocumentReference	TaxRoll
Parcel	OWNER_ID	Direct	NameCD	Name
Parcel	PARCEL_ID	Direct	SourceParcelID	TaxRoll
Parcel	PARCEL_ID	Concatenate: 'http://skamaniawa.taxesifter.com/taxesifter/t-assessor.asp?pid=', PARCEL_ID	AssessorURL	TaxRoll
Parcel	PROP_CLASS	Concatenate: EXMPT_CODE, EXMPT_AMT, PROP_CLASS, PROP_TYPE	TaxStatus	TaxRoll
Parcel	PROP_TYPE	Concatenate: EXMPT_CODE, EXMPT_AMT, PROP_CLASS, PROP_TYPE	TaxStatus	TaxRoll
Parcel	SITUS	Direct	SiteAddressFull	TaxRoll
Parcel	SITUS	split SITUS on '\'. If first value is number trim off leading 0's and insert, otherwise leave blank.	SiteAddressNumber	TaxRoll
Parcel	SITUS	split SITUS on '\'. Take second value and insert.	SiteAddressStreetFullName	TaxRoll
Parcel	TAX_DIST	Direct	TaxCodeArea	TaxRoll
Parcel	TMBLND_VAL	Direct	TaxableValueTimberLand	TaxRoll
Parcel	TOTMRK_VAL	Direct	MarketValueTotal	TaxRoll
Parcel	TOTUSE_VAL	Direct	TaxableValueTotal	TaxRoll

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
Parcel	YR_BUILT	Direct	YearBuilt	Improvement
Parcel	ZIPCODE	Direct	AddressZip	Name

Normalization Notes

Integration Date:	2012-04-20
Integration Notes:	<p>2010 Skamania data was provided in a shapefile, 2012 data provided in a file geodatabase. 2010 field FID renamed to OBJECTID.</p> <p>2010 fields: TOWN, RANGE, RANGEPART, SECTION, QTR, and QTRQTR are not present in the 2012 data.</p> <p>Fields: ParcelType, TMBLND_VAL, Shape_Length, Shape_Area are new in 2012.</p>
QAQC Date:	2012-07-24
QAQC Notes:	<p>PolyID=430000007834; ProcessParcelAggregated=3; confirmed 3 polygons in source data (Parcel) with the same source parcel id (PARCEL_ID=02072042222200). Parcel aggregated correctly.</p> <p>NameID=430000000762; ProcessNameFlattened=3; confirmed 3 redundant records in source data (Parcel) for STONE LAND AND TIMBER LLC; PARCEL_ID's: 02053420040000, 02050000780200, 02052700150000. Names flattened correctly.</p>

Snohomish County -- 431

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Acquired Data Files

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
Various	Shapefile, MDB, & TXT	2012-02-07	2012-02-04	NAD_1983_StatePlane_Washington_North_FIPS_4601_Feet	SnohCoResImpPropChar.txt and SnohCo_CoMl_Structure_data_20110620.txt downloaded from: ftp://ftp.snoco.org/Assessor/prop_characteristics/

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
					<p>parcel s.shp downloaded from: ftp://ftp.snoco.org/ Assessor/shapefiles/</p> <p>legal_descr_coll apse.mdb downloaded from: ftp://ftp.snoco.org/ Assessor/Data_reques ts/</p>
Various	Shapefile, MDB, & TXT	2012-02-07	2011-07-08	NAD_1983_StatePlane_Washington_North_FIPS_4601_Feet	<p>SnohCoResImpPropChar.txt and SnohCo_Coml_Structure_data_20110620.txt downloaded from: ftp://ftp.snoco.org/ Assessor/prop_characteristics/</p> <p>parcel s.shp downloaded from: ftp://ftp.snoco.org/ Assessor/shapefiles/</p> <p>legal_descr_coll apse.mdb downloaded from: ftp://ftp.snoco.org/ Assessor/Data_reques ts/</p>
Various	Shapefile, MDB, & TXT	2012-02-07	2011-06-21	NAD_1983_StatePlane_Washington_North_FIPS_4601_Feet	<p>SnohCoResImpPropChar.txt and SnohCo_Coml_Structure_data_20110620.txt downloaded from: ftp://ftp.snoco.org/ Assessor/prop_characteristics/</p> <p>parcel s.shp downloaded from: ftp://ftp.snoco.org/ Assessor/shapefiles/</p> <p>legal_descr_coll apse.mdb downloaded from: ftp://ftp.snoco.org/ Assessor/Data_reques ts/</p>

Acquired Tables

Table Name:	Source Data File Name:	Normalization Date
parcels.shp	Various	2012-03-21
SnohCoResImpPropChar_20110708.txt	Various	2012-03-21
SnohCo_Coml_Structure_data_20110620.txt	Various	2012-03-21

Normalization Process

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
parcels.shp	CREATEDATE	Direct	SourceCreationDate	TaxRoll
parcels.shp	CUIMP	Direct	TaxableValueImprovements	TaxRoll
parcels.shp	CULND	Direct	TaxableValueLand	TaxRoll
parcels.shp	EDITDATE	Direct	SourceRevisionDate	TaxRoll
parcels.shp	MKIMP	Direct	MarketValueImprovements	TaxRoll
parcels.shp	MKLND	Direct	MarketValueLand	TaxRoll
parcels.shp	MKTTL	Direct	MarketValueTotal	TaxRoll
parcels.shp	OWNERCITY	Direct; Owner	AddressCity	Name
parcels.shp	OWNERLINE1	Direct; Owner	AddressLine1	Name
parcels.shp	OWNERLINE2	Direct; Owner	AddressLine2	Name
parcels.shp	OWNERLINE3	Direct; Owner	AddressLine3	Name
parcels.shp	OWNERNAME	Direct; Owner	Name.Name	Name
parcels.shp	OWNERSTATE	Direct; Owner	AddressState	Name
parcels.shp	OWNERZIP	Direct; Owner	AddressZip	Name
parcels.shp	PARCEL_ID	Direct	SourceParcelID	TaxRoll
parcels.shp	PARCEL_ID	Concatenate with 'http://web5.co.snohomish.wa.us/propsys/Asr-Tr-PropInq/Prplnq02-ParcelData.asp?PN='	AssessorURL	TaxRoll
parcels.shp	PARCEL_ID	FME Substring (0,1); Concatenate with 'N'	Township	TaxRoll
parcels.shp	PARCEL_ID	FME Substring (2,3); Concatenate with 'E'	Range	TaxRoll
parcels.shp	PARCEL_ID	FME Substring (4,5)	Section	TaxRoll
parcels.shp	SITUSCITY	Direct	SiteAddressCity	TaxRoll
parcels.shp	SITUSHOUSE	Direct	SiteAddressNumber	TaxRoll
parcels.shp	SITUSLINE1	Direct	SiteAddressFull	TaxRoll
parcels.shp	SITUSPOSTD	Direct	SiteAddressStreetSuffix	TaxRoll
parcels.shp	SITUSPREFIX	Direct	SiteAddressStreetPrefix	TaxRoll
parcels.shp	SITUSSTRT	Direct	SiteAddressStreetName	TaxRoll
parcels.shp	SITUSSTTYP	Direct	SiteAddressStreetType	TaxRoll
parcels.shp	SITUSUNIT	Direct	SiteAddressUnitNumber	TaxRoll
parcels.shp	SOURCE	Direct	SourceDocumentReference	TaxRoll

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
parcels.shp	TAB_ACRES	Direct	TabularAcres	TaxRoll
parcels.shp	TAXACCT_ID	Direct	TaxAccountID	TaxRoll
parcels.shp	TAXPRCITY	Direct; Taxpayer	AddressCity	Name
parcels.shp	TAXPRLINE1	Direct; Taxpayer	AddressLine1	Name
parcels.shp	TAXPRLINE2	Direct; Taxpayer	AddressLine2	Name
parcels.shp	TAXPRLINE3	Direct; Taxpayer	AddressLine3	Name
parcels.shp	TAXPRNAME	Direct; Taxpayer	Name.Name	Name
parcels.shp	TAXPRSTATE	Direct; Taxpayer	AddressState	Name
parcels.shp	TAXPRZIP	Direct; Taxpayer	AddressZip	Name
parcels.shp	TCANUMBER	Direct	TaxCodeArea	TaxRoll
parcels.shp	TVR	Direct	TaxableValueTotal	TaxRoll
parcels.shp	USECODE	First two (left) characters; FME substring extract (0,1)	StateLandUseCode	StateLandUse, TaxRoll
parcels.shp	USECODE	Everything after 4th character; FME substring extract (4,-1)	SourceLandUseDescription	TaxRoll
parcels.shp	XMPTDESCR	Direct	TaxStatus	TaxRoll
SnohCoResImpPropChar_20110708.txt	4fixtbaths	Sum: 4fixtbaths, 5fixtbaths, full_baths, (0.5 * half_baths)	NumberBathrooms	Improvement
SnohCoResImpPropChar_20110708.txt	5fixtbaths	Sum: 4fixtbaths, 5fixtbaths, full_baths, (0.5 * half_baths)	NumberBathrooms	Improvement
SnohCoResImpPropChar_20110708.txt	bedrooms	Direct	NumberBedrooms	Improvement
SnohCoResImpPropChar_20110708.txt	BrickAttGarArea	Sum: BrickAttGarArea, BsmtGarArea, IntegralGarArea, FrameAttGarArea	SquareFeetGarage	Improvement
SnohCoResImpPropChar_20110708.txt	BsmtBaseArea	Direct	SquareFeetBasement	Improvement
SnohCoResImpPropChar_20110708.txt	BsmtGarArea	Sum: BrickAttGarArea, BsmtGarArea, IntegralGarArea, FrameAttGarArea	SquareFeetGarage	Improvement
SnohCoResImpPropChar_20110708.txt	CondDesc	Direct	Condition	Improvement
SnohCoResImpPropChar_20110708.txt	ConstructionTypeDesc	Concatenate: mkt_house_type, HseTypeDescription, ConstructionTypeDesc	Description	Improvement
SnohCoResImpPropChar_20110708.txt	ExtCov1Desc	Direct	SidingMaterial	Improvement

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
SnohCoResImpPropChar_20110708.txt	extension	Direct	SourceImprovementID	Improvement
SnohCoResImpPropChar_20110708.txt	Foundation Type Description	Direct	FoundationType	Improvement
SnohCoResImpPropChar_20110708.txt	FrameAttGarArea	Sum: BrickAttGarArea, BsmtGarArea, IntegralGarArea, FrameAttGarArea	SquareFeetGarage	Improvement
SnohCoResImpPropChar_20110708.txt	full_baths	Sum: 4fixtbaths, 5fixtbaths, full_baths, (0.5 * half_baths)	NumberBathrooms	Improvement
SnohCoResImpPropChar_20110708.txt	GradeDesc	Direct	Quality	Improvement
SnohCoResImpPropChar_20110708.txt	half_baths	Sum: 4fixtbaths, 5fixtbaths, full_baths, (0.5 * half_baths)	NumberBathrooms	Improvement
SnohCoResImpPropChar_20110708.txt	HseTypeDescription	Concatenate: mkt_house_type, HseTypeDescription, ConstructionTypeDesc	Description	Improvement
SnohCoResImpPropChar_20110708.txt	imp_type	Direct	SourceType	Improvement
SnohCoResImpPropChar_20110708.txt	IntegralGarArea	Sum: BrickAttGarArea, BsmtGarArea, IntegralGarArea, FrameAttGarArea	SquareFeetGarage	Improvement
SnohCoResImpPropChar_20110708.txt	mkt_house_type	Concatenate: mkt_house_type, HseTypeDescription, ConstructionTypeDesc	Description	Improvement
SnohCoResImpPropChar_20110708.txt	RoofCover	Direct	RoofMaterial	Improvement
SnohCoResImpPropChar_20110708.txt	Stories	Direct	NumberStories	Improvement
SnohCoResImpPropChar_20110708.txt	TotalBaseLivArea	Direct	SquareFeetTotal	Improvement
SnohCoResImpPropChar_20110708.txt	year_built	Direct	YearBuilt	Improvement
SnohCoResImpPropChar_20110708.txt	year_remodeled	Direct	YearRenovated	Improvement
SnohCo_Coml_Structure_data_20110620.txt	Bldg Record type and Nbr	Direct	SourceImprovementID	Improvement

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
SnohCo_Coml_Structure_data_20110620.txt	Bsmt Square Feet	Direct	SquareFeetBasement	Improvement
SnohCo_Coml_Structure_data_20110620.txt	Building Type	Concatenate: Structure_Use_Description, Buliding_Type, ext_description	Description	Improvement
SnohCo_Coml_Structure_data_20110620.txt	Condition Code Description	Direct	Condition	Improvement
SnohCo_Coml_Structure_data_20110620.txt	ext_description	Concatenate: Structure_Use_Description, Buliding_Type, ext_description	Description	Improvement
SnohCo_Coml_Structure_data_20110620.txt	Improvement Type	Direct	SourceType	Improvement
SnohCo_Coml_Structure_data_20110620.txt	Square Feet	Direct	SquareFeetTotal	Improvement
SnohCo_Coml_Structure_data_20110620.txt	Sructure Quality	Direct	Quality	Improvement
SnohCo_Coml_Structure_data_20110620.txt	Stories	Direct	NumberStories	Improvement
SnohCo_Coml_Structure_data_20110620.txt	Structure Use Description	Concatenate: Structure_Use_Description, Buliding_Type, ext_description	Description	Improvement
SnohCo_Coml_Structure_data_20110620.txt	Year Built	Direct	YearBuilt	Improvement

Normalization Notes

Integration Date:	2012-03-21
Integration Notes:	<p>-----CHANGES IN RESIDENTIAL IMPROVEMENTS DATA-----</p> <p>2010 Attributes not in 2012 data: Area Number, Structure Use Code, Structure Use Description, 2nd Exterior Cover Code, 2nd Exterior Cover Percent, 2nd Exterior Cover Description, Roof Type Code, Roof Cover Code, Detached Garage Sq. Ft., Open Porch Sq. Ft., 1st Interior Wall Cover Code, 2nd Interior Wall Cover Code, 1st Interior Wall Cover Percent, 2nd Interior Wall Cover Percent, 1st Interior Wall Cover Description, 2nd Interior Wall Cover Description, 1st Floor Cover Code, 2nd Floor Cover Code, 3rd Floor Cover Code, 1st Floor Cover Percent, 2nd Floor Cover Percent, 3rd Floor Cover Percent, 1st Floor Cover Description, 2nd Floor Cover Description, 3rd Floor Cover Description, Out Building 1, Out Building 2, Out Building 3, Out Building 4, Sketch Reference Record Number, Photo Sequence Number, Structure Use, Prefabricated Fireplace, Masonry Fireplace</p> <p>2010 attributes Modified in 2012: Attached Garage Sq. Ft. --> IntegralGarArea, BrickAttGarArea, FrameAttGarArea, BsmtGarArea Building Type --> mkt_house_type, HseTypeDescription</p>

2010 attributes Renamed in 2012:
 Property ID Number --> Irsn
 Parcel Identification Number --> parcel_id
 Improvement Type --> imp_type
 Stories --> Stories
 Year Built --> year_built
 Square Feet --> TotalBaseLivArea
 Foundation --> Foundation Type Description
 Predominate Construction Type --> ConstructionTypeDesc
 1st Exterior Cover Code --> ExtCov1Code
 1st Exterior Cover Percent --> ExtCov1Percent
 1st Exterior Cover Description --> ExtCov1Desc
 Condition Code --> condition
 Condition Code Description --> CondDesc
 Roof Type Description --> RoofType
 Roof Cover Description --> RoofCover
 Number of Rooms --> fin_rooms
 Number of Bedrooms --> bedrooms
 Number Half Baths --> half_baths
 Number Full Baths --> full_baths
 Heat Type Code --> heating
 Heat Type Description --> Heat Type Description
 Central Air Conditioning --> central_air
 Basement and/or Lower Level Sq. Ft. --> BsmtBaseArea
 Finished Basement Sq. Ft. --> BsmtFinLivArea
 Attached Carport Sq. Ft. --> AttCarportArea
 Wood Deck Sq. Ft. --> TotalDeckSqFt
 Number of Out Buildings --> OutbuildingCount
 Lower Level Sq. Ft. --> LowerLevelBaseArea
 Lower Level Finished Sq. Ft. --> LowerLevelFinLivArea
 Structure Quality --> GradeDesc
 Last Improvement Record Update Date --> last_update
 Building Record Type & Number --> extension

New Attributes in 2012:
 neighborhood, property_class, dwelling_number, grade, imp_size, mh_length, mh_width,
 BsmtDesc, CrawlDesc, StoryConfigDesc, eff_year_built, year_remodeled,
 ConstructionTypeCode, RoofPitch, 4fixtbaths, 5fixtbaths, water_heaters, extra_fixtures,
 total_fixtures, unfin_area, attic_area, attic_fin_area, loft_area, loft_fin_area, crawl_area,
 TotalFinLivArea, 1sFloorBaseArea, 1stFloorFinLivArea, UpprFlrBaseArea, UpprFlrFinArea,
 FireplaceCount, ext_description

-----CHANGES IN COMMERCIAL IMPROVEMENTS DATA-----
 none

-----CHANGES IN PARCEL SHAPEFILE-----
 none

QAQC Date: 2012-07-25

QAQC Notes: PolyID=431000000175; ProcessParcelFlattened=4; confirmed 4 different source parcel ids for the same plygon (source data=parcels.shp);PARCEL_ID's: 30053000100400, 30053000100301, 30053000100300, 30053000100302. PolyID=431000000247; ProcessParcelFlattened=2; reconfirmed 2 different source parcel ids in source data; PARCEL_ID's: 29060500401100, 29060500401700. Parcel flattened correctly.

PolyID=431000249918; ProcessParcelAggregated=3; confirmed 3 polygons in source data (parcels.shp) with the same PARCEL_ID (27061600101000). Parcel aggregated correctly.

NameID=431000153884; ProcessNameFlattened=2; confirmed 2 redundant records in source data (parcels.shp) for FANG DONG QIAO. However, the following NameID's have a ProcessNameFlattened value of 2, but only contain 1 record in the source data (parcels.shp):

431000153870, 431000153868, 431000153869, 431000153872; two records were created for each of the preceding PolyIds because of two name fields (TXPRNAME and OWNERNAME). Names were flattened correctly.

Spokane County -- 432

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Acquired Data Files

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
Various	Shapefile &TXT	2012-02-07	2012-02-06	NAD_1983_HARN_StatePlane_Washington_North_FIPS_4601_Feet	download the files: All.ZIP and parcweb.zip from: http://www.spokanecounty.org/assessor/content.aspx?c=1388
Various	Shapefile &TXT	2012-02-07	2012-02-07	NAD_1983_HARN_StatePlane_Washington_North_FIPS_4601_Feet	download the files: All.ZIP and parcweb.zip from: http://www.spokanecounty.org/assessor/content.aspx?c=1388
Various	Shapefile &TXT	2012-02-07	2012-02-07	NAD_1983_HARN_StatePlane_Washington_North_FIPS_4601_Feet	download the files: All.ZIP and parcweb.zip from: http://www.spokanecounty.org/assessor/content.aspx?c=1388
Various	Shapefile &TXT	2012-02-07	2012-02-07	NAD_1983_HARN_StatePlane_Washington_North_FIPS_4601_Feet	download the files: All.ZIP and parcweb.zip from: http://www.spokanecounty.org/assessor/content.aspx?c=1388

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
Various	Shapefile &TXT	2012-02-07	2012-02-07	NAD_1983_HARN_StatePlane_Washington_North_FIPS_4601_Feet	download the files: All.ZIP and parcweb.zip from: http://www.spokanecounty.org/assessor/content.aspx?c=1388
Various	Shapefile &TXT	2012-02-07	2012-02-07	NAD_1983_HARN_StatePlane_Washington_North_FIPS_4601_Feet	download the files: All.ZIP and parcweb.zip from: http://www.spokanecounty.org/assessor/content.aspx?c=1388
Various	Shapefile &TXT	2012-02-07	2012-02-07	NAD_1983_HARN_StatePlane_Washington_North_FIPS_4601_Feet	download the files: All.ZIP and parcweb.zip from: http://www.spokanecounty.org/assessor/content.aspx?c=1388
Various	Shapefile &TXT	2012-02-07	2012-02-07	NAD_1983_HARN_StatePlane_Washington_North_FIPS_4601_Feet	download the files: All.ZIP and parcweb.zip from: http://www.spokanecounty.org/assessor/content.aspx?c=1388
Various	Shapefile &TXT	2012-02-07	2012-02-07	NAD_1983_HARN_StatePlane_Washington_North_FIPS_4601_Feet	download the files: All.ZIP and parcweb.zip from: http://www.spokanecounty.org/assessor/content.aspx?c=1388
Various	Shapefile &TXT	2012-02-07	2012-02-07	NAD_1983_HARN_StatePlane_Washington_North_FIPS_4601_Feet	download the files: All.ZIP and parcweb.zip from: http://www.spokanecounty.org/assessor/content.aspx?c=1388

Acquired Tables

Table Name:	Source Data File Name:	Normalization Date
comm_impr_info.txt	Various	2012-04-13
exemption_info.txt	Various	2012-04-13
legal_info.txt	Various	2012-04-13
owner_info.txt	Various	2012-04-13
parcweb.shp	Various	2012-04-13

Table Name:	Source Data File Name:	Normalization Date
property_info.txt	Various	2012-04-13
res_impr2_info.txt	Various	2012-04-13
res_impr_info.txt	Various	2012-04-13
taxpayer_info.txt	Various	2012-04-13
value_info.txt	Various	2012-04-13

Normalization Process

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
comm_impr_info.txt	condition	Direct	Condition	Improvement
comm_impr_info.txt	extension	Direct	SourceImprovementID	Improvement
comm_impr_info.txt	improvement_type	Direct	Type	Improvement
comm_impr_info.txt	imp_description	Concatenate: imp_type_descr, imp_description	Description	Improvement
comm_impr_info.txt	imp_type_descr	Concatenate: imp_type_descr, imp_description	Description	Improvement
comm_impr_info.txt	num_floors	Direct	NumberStories	Improvement
comm_impr_info.txt	quality	Direct	Quality	Improvement
comm_impr_info.txt	size	Direct where 'uom' = SF	SquareFeetTotal	Improvement
comm_impr_info.txt	year_built	Direct	YearBuilt	Improvement
comm_impr_info.txt	year_remodeled	Direct	YearRenovated	Improvement
exemption_info.txt	comment	Concatenation of 'EXEMPT_CODE', 'EXEMPT_DESC', 'YEAR', 'EFF_FROM_DATE', 'COMMENT', 'EXEMPT_AMT', and 'EXEMPT_STATUS' with ' ' between each value.	TaxStatus	TaxRoll
exemption_info.txt	eff_from_date	Concatenation of 'EXEMPT_CODE', 'EXEMPT_DESC', 'YEAR', 'EFF_FROM_DATE', 'COMMENT', 'EXEMPT_AMT', and 'EXEMPT_STATUS' with ' ' between each value.	TaxStatus	TaxRoll
exemption_info.txt	exempt_amt	Concatenation of 'EXEMPT_CODE', 'EXEMPT_DESC', 'YEAR', 'EFF_FROM_DATE', 'COMMENT', 'EXEMPT_AMT', and 'EXEMPT_STATUS' with ' ' between each value.	TaxStatus	TaxRoll

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
exemption_info.txt	exempt_code	Concatenation of 'EXEMPT_CODE', 'EXEMPT_DESC', 'YEAR', 'EFF_FROM_DATE', 'COMMENT', 'EXEMPT_AMT', and 'EXEMPT_STATUS' with ' ' between each value.	TaxStatus	TaxRoll
exemption_info.txt	exempt_desc	Concatenation of 'EXEMPT_CODE', 'EXEMPT_DESC', 'YEAR', 'EFF_FROM_DATE', 'COMMENT', 'EXEMPT_AMT', and 'EXEMPT_STATUS' with ' ' between each value.	TaxStatus	TaxRoll
exemption_info.txt	exempt_status	Concatenation of 'EXEMPT_CODE', 'EXEMPT_DESC', 'YEAR', 'EFF_FROM_DATE', 'COMMENT', 'EXEMPT_AMT', and 'EXEMPT_STATUS' with ' ' between each value.	TaxStatus	TaxRoll
exemption_info.txt	year	Concatenation of 'EXEMPT_CODE', 'EXEMPT_DESC', 'YEAR', 'EFF_FROM_DATE', 'COMMENT', 'EXEMPT_AMT', and 'EXEMPT_STATUS' with ' ' between each value.	TaxStatus	TaxRoll
legal_info.txt	legal_desc_line	If more than one legal description line is present for a parcel in the original county data, the lines are concatenated with a ' ' between the lines. If only one line is present, it is Direct.	LegalDescription	TaxRoll
owner_info.txt	address_1	Direct	AddressLine2	Name
owner_info.txt	address_2	Direct	AddressLine3	Name
owner_info.txt	city	Direct	AddressCity	Name
owner_info.txt	country	Direct	AddressCountry	Name
owner_info.txt	in_care_of	Direct	AddressLine1	Name
owner_info.txt	owner_name	Direct	Name.Name	Name
owner_info.txt	state	Direct	AddressState	Name
owner_info.txt	zip	Direct	AddressZip	Name
parcweb.shp	PID	Direct	SourceParcelID	TaxRoll
property_info.txt	city	Direct	SiteAddressCity	TaxRoll
property_info.txt	prop_type	Direct	PropertyType	TaxRoll
property_info.txt	site_address	Direct	SiteAddressFull	TaxRoll

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
property_info.txt	site_apartment	Direct	SiteAddressUnit Number	TaxRoll
property_info.txt	site_str_dir	Direct	SiteAddressStreetPrefix	TaxRoll
property_info.txt	site_str_dir_suf	Direct	SiteAddressStreetSuffix	TaxRoll
property_info.txt	site_str_name	Direct	SiteAddressStreetName	TaxRoll
property_info.txt	site_str_nbr	Direct	SiteAddressNumber	TaxRoll
property_info.txt	site_str_nbr_suf	Direct	SiteAddressUnit Number	TaxRoll
property_info.txt	site_str_type	Direct	SiteAddressStreetType	TaxRoll
property_info.txt	size	Direct if UOM = 'Acre(s)'. Divide by 43560 if UOM = 'Square Feet'. Set to NULL if 'Lot(s)' or other.	TabularAcres	TaxRoll
property_info.txt	uom	Used to calculate Tabular Acres. Not stored in the database. All TabularAcres values are in Acres.	TabularAcres	TaxRoll
res_impr2_info.txt	bath_2fix	$\text{bath_4fix} + (0.75 * \text{bath_3fix}) + (0.5 * \text{bath_2fix})$	NumberBathrooms	Improvement
res_impr2_info.txt	bath_3fix	$\text{bath_4fix} + (0.75 * \text{bath_3fix}) + (0.5 * \text{bath_2fix})$	NumberBathrooms	Improvement
res_impr2_info.txt	bath_4fix	$\text{bath_4fix} + (0.75 * \text{bath_3fix}) + (0.5 * \text{bath_2fix})$	NumberBathrooms	Improvement
res_impr2_info.txt	bedrooms	Direct	NumberBedrooms	Improvement
res_impr2_info.txt	extension	Direct	SourceImprovementID	Improvement
res_impr2_info.txt	found_wall	Direct	FoundationType	Improvement
res_impr2_info.txt	roof_mat	Direct	RoofMaterial	Improvement
res_impr_info.txt	bath_2fix	$\text{bath_4fix} + (0.75 * \text{bath_3fix}) + (0.5 * \text{bath_2fix})$	NumberBathrooms	Improvement
res_impr_info.txt	bath_3fix	$\text{bath_4fix} + (0.75 * \text{bath_3fix}) + (0.5 * \text{bath_2fix})$	NumberBathrooms	Improvement
res_impr_info.txt	bath_4fix	$\text{bath_4fix} + (0.75 * \text{bath_3fix}) + (0.5 * \text{bath_2fix})$	NumberBathrooms	Improvement
res_impr_info.txt	bedrooms	Direct	NumberBedrooms	Improvement
res_impr_info.txt	condition	Direct	Condition	Improvement
res_impr_info.txt	extension	Direct	SourceImprovementID	Improvement
res_impr_info.txt	found_wall	Direct	FoundationType	Improvement

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
res_impr_info.txt	house_type	Concatenate: imp_type_descr, imp_description, house_type, story_config	Description	Improvement
res_impr_info.txt	improvement_type	Direct	Type	Improvement
res_impr_info.txt	imp_description	Concatenate: imp_type_descr, imp_description, house_type, story_config	Description	Improvement
res_impr_info.txt	imp_type_descr	Concatenate: imp_type_descr, imp_description, house_type, story_config	Description	Improvement
res_impr_info.txt	quality	Direct	Quality	Improvement
res_impr_info.txt	roof_mat	Direct	RoofMaterial	Improvement
res_impr_info.txt	size	Direct where 'uom' = SF	SquareFeetTotal	Improvement
res_impr_info.txt	story_config	Concatenate: imp_type_descr, imp_description, house_type, story_config	Description	Improvement
res_impr_info.txt	year_built	Direct	YearBuilt	Improvement
res_impr_info.txt	year_remodeled	Direct	YearRenovated	Improvement
taxpayer_info.txt	address_1	Direct	AddressLine2	Name
taxpayer_info.txt	address_2	Direct	AddressLine3	Name
taxpayer_info.txt	city	Direct	AddressCity	Name
taxpayer_info.txt	country	Direct	AddressCountry	Name
taxpayer_info.txt	in_care_of	Direct	AddressLine1	Name
taxpayer_info.txt	owner_name	Direct	Name.Name	Name
taxpayer_info.txt	state	Direct	AddressState	Name
taxpayer_info.txt	zip	Direct	AddressZip	Name
value_info.txt	mkt_total	Direct	MarketValueTotal	TaxRoll
value_info.txt	mkt_value_impvt	Direct	MarketValueImprovements	TaxRoll
value_info.txt	mkt_value_land	Direct	MarketValueLand	TaxRoll
value_info.txt	prop_use_code	Direct	StateLandUseCode	StateLandUse, TaxRoll
value_info.txt	prop_use_desc	Direct	SourceLandUseDescription	TaxRoll
value_info.txt	taxable_reg	Direct	TaxableValueTotal	TaxRoll

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
value_info.txt	tax_code_area	Direct	TaxCodeArea	TaxRoll

Normalization Notes

Integration Date:	2012-04-13
Integration Notes:	<p>parcweb.shp was modified between 2010 and 2012. The following fields were added in 2012: PID_NUM, ACO_NUM, parcel, exmp_code, exmp_amt, nbhd_code, nbhd_name, owner_addr, owner_ad_1, owner_city, owner_stat, owner_zip, owner_coun, prop_use_c, prop_use_d, tax_year, site_str_1, site_str_d, site_str_2, site_str_3, site_str_t, site_apart, soil_id, bldg_only_, vacant_lan, res_com_fl, appraiser_, acreage, assessed_a, taxable_am, tax_code_a, inspection, parcel_loc, taxpayer_n, taxpayer_a, taxpayer_1, taxpayer_c, taxpayer_s, taxpayer_z, taxpayer_2, prop_class, land_value, SCIMAP_URL, PIDMAP</p> <p>The following field was renamed between 2010 and 2012: Shape_len --> Shape_Leng</p> <p>The source data file: taxpayer_info.txt had duplicate records for parcel values: 45154.0502. Parcel 49201.9002 had two taxpayers listed, an individual and 'RKT, INC.'. The 'RKT, INC.' record was listed for the parcel in the source data file owner_info.txt so, it was removed from the taxpayer file.</p> <p>legal_info.txt was modified to legal_info_modified.txt before processing to remove non-standard ascii characters mapping them as follows: ½ -> 1/2, ' -> ', ¼ -> 1/4. These were being converted strangely on writing into the database, and were causing string length errors.</p> <p>½ was replace 92 times, ' was replaced 6 times, and ¼ was replaced 436 times.</p>
QAQC Date:	2012-07-25
QAQC Notes:	<p>PolyID=432000000000; ProcessParcelFlattened=3; confirmed source data (parcweb.shp) has 3 different source parcel ids for the same polygon; PID's: 32012.9016, 32012.9014, 32012.9015. PolyID=432000000005; ProcessParcelFlattened=2; reconfirmed source data has 2 different source parcel ids for same polygon; PID's: PID 35104.0523</p> <p>, 35104.0524. Parcels flattened correctly.</p> <p>PolyID=432000197005; ProcessParcelAggregated=3; confirmed source data (parcweb.shp) has 3 polygons with the same PID (04124.9013). Parcels aggregated correctly.</p> <p>NameID=432000036022; ProcessNameFlattened=2; there are 2 records for MCCAFFREE, JUDD M & AMY S in the source data; the 2 records are located in separate tables (Owner_info and Taxpayer_info). The names were flattened correctly.</p>

Stevens County -- 433

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Acquired Data Files

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
Various	Shapefile & XLS	2012-02-24	2012-02-21	NAD_1983_UTM_Zone_11N	Received on CD in the mail from Eva
Various	Shapefile & XLS	2012-02-24	2012-02-21	NAD_1983_UTM_Zone_11N	Received on CD in the mail from Eva
Various	Shapefile & XLS	2012-02-24	2012-02-24	NAD_1983_UTM_Zone_11N	Received on CD in the mail from Eva

Acquired Tables

Table Name:	Source Data File Name:	Normalization Date
Parcels.shp	Various	2012-04-13
RealProperty.xlsx	Various	2012-04-13
RealProperty2.xlsx	Various	2012-04-13

Normalization Process

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
Parcels.shp	HYPERLINK	Direct	AssessorURL	TaxRoll
Parcels.shp	PARCELN	Direct	SourceParcelID	TaxRoll
RealProperty.xlsx	AssembledLegal	Direct	LegalDescription	TaxRoll
RealProperty.xlsx	AssessedBuildingValue	Direct	TaxableValueImprovements	TaxRoll
RealProperty.xlsx	AssessedCropValue	Direct	TaxableValueCrop	TaxRoll
RealProperty.xlsx	AssessedLandValue	Direct	TaxableValueLand	TaxRoll
RealProperty.xlsx	AssessmentType	Concatenate: ParcelType, AssessmentType, IsExempt, PropertyClass	TaxStatus	TaxRoll
RealProperty.xlsx	DepartmentOfRevenueCode	FME Substring (0,1)	StateLandUseCode	StateLandUse, TaxRoll
RealProperty.xlsx	DepartmentOfRevenueCode	FME Substring (2,-1). Remove leading ' - '.	SourceLandUseDescription	TaxRoll
RealProperty.xlsx	District	Direct	TaxCodeArea	TaxRoll
RealProperty.xlsx	IsExempt	Concatenate: ParcelType, AssessmentType, IsExempt, PropertyClass	TaxStatus	TaxRoll

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
RealProperty.xlsx	MapNumber	FME Substring (0,1). Concatenate with 'N'	Township	TaxRoll
RealProperty.xlsx	MapNumber	FME Substring (2,3). Concatenate with 'E'	Range	TaxRoll
RealProperty.xlsx	MapNumber	FME Substring (4,5)	Section	TaxRoll
RealProperty.xlsx	MarketBuildingValue	Direct	MarketValueImprovements	TaxRoll
RealProperty.xlsx	MarketCropValue	Direct	MarketValueCrop	TaxRoll
RealProperty.xlsx	MarketLandValue	Direct	MarketValueLand	TaxRoll
RealProperty.xlsx	ParcelType	Concatenate: ParcelType, AssessmentType, IsExempt, PropertyClass	TaxStatus	TaxRoll
RealProperty.xlsx	PropertyClass	Concatenate: ParcelType, AssessmentType, IsExempt, PropertyClass	TaxStatus	TaxRoll
RealProperty.xlsx	Situs	Direct	SiteAddressFull	TaxRoll
RealProperty.xlsx	TotalAcres	Direct	TabularAcres	TaxRoll
RealProperty.xlsx	TotalAssessedValue	Direct	TaxableValueTotal	TaxRoll
RealProperty.xlsx	TotalMarketValue	Direct	MarketValueTotal	TaxRoll
RealProperty2.xlsx	Address1	Direct	AddressLine1	Name
RealProperty2.xlsx	Address2	Direct	AddressLine2	Name
RealProperty2.xlsx	City	Direct	AddressCity	Name
RealProperty2.xlsx	FirstName	Concatenate: FirstName, LastName. Replace tabs/multiple spaces with single space.	Name.Name	Name
RealProperty2.xlsx	LastName	Concatenate: FirstName, LastName. Replace tabs/multiple spaces with single space.	Name.Name	Name
RealProperty2.xlsx	State	Direct	AddressState	Name
RealProperty2.xlsx	Zip	Direct	AddressZip	Name

Normalization Notes

Integration Date:	2012-04-13
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Integration Notes:	<p>Parcels.shp identical to 2010.</p> <p>2012 RealProperty.xlsx is missing 7 fields from 2010: LastName, FirstName, Address1, Address2, City, State, Zip</p> <p>2012 RealProperty.xlsx has three new fields in 2012: ParcelType, MarketCropValue, AssessedCropValue</p> <p>The source shapefile was run through the 'repair geometry' tool in ArcGIS and three polygons were modified to repair self-intersections: FID PARCELN 14287 1620500 18423 1888500 32267 5117525</p>
QAQC Date:	2012-07-25
QAQC Notes:	<p>PolyID=6137452; ProcessParcelFlattened=2; confirmed source data (Parcels.shp) contain 2 different source parcel IDs for the same polygon; PARCELN's are 0123802 and 0123804. Parcels aggregated correctly.</p> <p>PolyID=433000038642; ProcessParcelAggregated=3; confirmed 3 adjacent polygons in source data (Parcels.shp) with the same source parcel ID (PARCELN=8008747).</p> <p>PolyID=433000038621; ProcessParcelAggregated=2; confirmed 2 adjacent polygons in source data have the same PARCELN (1734200). Parcels aggregated correctly.</p> <p>NameID=433000003237; ProcessNameFlattened=5; confirmed 5 redundant records in source data (RealProperty2.xlsx); ParcelNumber for the 5 records: 2151340, 2151200, 2151325, 2151565, 2151330. NameID=433000001353; ProcessNameFlattened=2; confirmed 2 redundant records in source data; ParcelNumber for the 2 records are 2051200 and 2334777. Names flattened correctly.</p>

Thurston County -- 434

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Acquired Data Files

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
parcels.shp	Shapefile	2012-01-24	2012-01-24	NAD_1983_StatePlane_Washington_South_FIP_S_4602_Feet	N/A

Acquired Tables

Table Name:	Source Data File Name:	Normalization Date
parcels.shp	parcels.shp	2012-03-22

Normalization Process

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
parcels.shp	ADDRESS1	Direct	AddressLine2	Name
parcels.shp	ADDRESS2	Direct	AddressLine3	Name
parcels.shp	BLDG_VALUE	Where StateLandUseCD != 83, 88, 94, or 95	MarketValueImprovements	TaxRoll
parcels.shp	BLDG_VALUE	Where StateLandUseCD = 83, 88, 94, or 95	TaxableValueImprovements	TaxRoll
parcels.shp	CITY	Direct	AddressCity	Name
parcels.shp	COUNTRY	Direct	AddressCountry	Name
parcels.shp	EXEMPT_TY	Concatenate PROP_TYPE, TAXABLE, EXEMPT_TY	TaxStatus	TaxRoll
parcels.shp	IN_CARE_OF	Direct	AddressLine1	Name
parcels.shp	LAND_VALUE	Where StateLandUseCD != 83, 88, 94, or 95	MarketValueLand	TaxRoll
parcels.shp	LAND_VALUE	Where StateLandUseCD = 83, 88, 94, or 95	TaxableValueLand	TaxRoll
parcels.shp	LEGAL_DESC	Direct	LegalDescription	TaxRoll
parcels.shp	OWNER_NAME	Direct; Owner	Name.Name	Name
parcels.shp	PARCEL_NO	Direct	SourceParcelID	TaxRoll
parcels.shp	PARCEL_NO	Concatenate with: 'http://tcpROPERTY.co.thurston.wa.us/propsql/basic.asp?pn='	AssessorURL	TaxRoll
parcels.shp	PROP_TYPE	Concatenate PROP_TYPE, TAXABLE, EXEMPT_TY	TaxStatus	TaxRoll
parcels.shp	RES_COND	Direct	Condition	Improvement
parcels.shp	RES_QUAL	Direct	Quality	Improvement
parcels.shp	SECTTIE	Left 2= Range; Right 3, trim first character(s) = Section; Middle = Township	Township	TaxRoll
parcels.shp	SECTTIE	Left 2= Range; Right 3, trim first character(s) = Section; Middle = Township	Range	TaxRoll
parcels.shp	SECTTIE	Left 2= Range; Right 3, trim first character(s) = Section; Middle = Township	Section	TaxRoll
parcels.shp	SITUS_CITY	Direct	SiteAddressCity	TaxRoll
parcels.shp	SITUS_CITY	Concatenate SITUS_STRE, SITUS_CITY, SITUS_ZIP	SiteAddressFull	TaxRoll
parcels.shp	SITUS_STRE	Concatenate SITUS_STRE, SITUS_CITY, SITUS_ZIP	SiteAddressFull	TaxRoll
parcels.shp	SITUS_STRE	Split on space and take second through end as street.	SiteAddressStreetFullName	TaxRoll

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
parcels.shp	SITUS_STRE	Split on space and take first as number.	SiteAddressNumber	TaxRoll
parcels.shp	SITUS_ZIP	Concatenate SITUS_STRE, SITUS_CITY, SITUS_ZIP	SiteAddressFull	TaxRoll
parcels.shp	STATE	Direct	AddressState	Name
parcels.shp	TAXABLE	Concatenate PROP_TYPE, TAXABLE, EXEMPT_TY	TaxStatus	TaxRoll
parcels.shp	TCA	Direct	TaxCodeArea	TaxRoll
parcels.shp	TOTAL_ACRE	Direct	TabularAcres	TaxRoll
parcels.shp	TOTAL_VALU	Where StateLandUseCD != 83, 88, 94,or 95	MarketValueTotal	TaxRoll
parcels.shp	TOTAL_VALU	Where StateLandUseCD = 83, 88, 94,or 95	TaxableValueTotal	TaxRoll
parcels.shp	USE_CODE	Left 2, FME_SUBSTR(0,1)	StateLandUseCode	StateLandUse, TaxRoll
parcels.shp	USE_CODE	FME_SUBSTR(2, -1)	SourceLandUseDescription	TaxRoll
parcels.shp	YEAR_BUILT	Direct	YearBuilt	Improvement
parcels.shp	ZIP	Direct	AddressZip	Name

Normalization Notes

Integration Date:	2012-03-22
Integration Notes:	data structure and attributes are the same as 2010.
QAQC Date:	2012-07-24
QAQC Notes:	<p>PolyID=434000106382; ProcessParcelAggregated=3; confirmed 3 polygons in source data (parcels.shp) that contain the same source parcel id (PARCEL_NO=13807110000). Parcels aggregated correctly.</p> <p>NameID=434000004608; ProcessNameFlattened=3; confirmed 3 redundant records in source data (parcels.shp) for SMITH, DIANE V; source parcel id's (PARCEL_NO): 12606410202, 12606410201, 12606410200. Names flattened correctly.</p>

Wahkiakum County -- 435

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Acquired Data Files

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
WahkiakumCountyGIS.gdb	File Geodatabase	2012-02-09	2012-02-08	NAD_1983_HARN_StatePlane_Washington_South_FIPS_4602_Feet	uploaded to WAGIS by Dave Nixon
WahkiakumCountyGIS.gdb	File Geodatabase	2012-02-09	2012-02-08	NAD_1983_HARN_StatePlane_Washington_South_FIPS_4602_Feet	uploaded to WAGIS by Dave Nixon
WahkiakumWebExtract2012.mdb	ESRI Personal Geodatabase	2012-04-30	2012-04-26	NA	Downloaded using a python script from the Wahkiakum True Automation server.
WahkiakumWebExtract2012.mdb	ESRI Personal Geodatabase	2012-04-30	2012-04-26	NA	Downloaded using a python script from the Wahkiakum True Automation server.

Acquired Tables

Table Name:	Source Data File Name:	Normalization Date
improvement	WahkiakumWebExtract2012.mdb	2012-04-30
ParcelDatabase	WahkiakumCountyGIS.gdb	2012-04-30
Parcels	WahkiakumCountyGIS.gdb	2012-04-30
property	WahkiakumWebExtract2012.mdb	2012-04-30

Normalization Process

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
improvement	description	Direct	SourceType	Improvement
improvement	description	mapped RESIDENTIAL, RES MARSHALL SWIFT, COL MOBILE HOME, and MOBILE HOME to Residential; COMMERCIAL to Commercial; MISC to Unknown	Type	Improvement
improvement	sqft	Direct	SquareFeetTotal	Improvement
ParcelDatabase	ADDR_CITY	Direct; Owner	AddressCity	Name
ParcelDatabase	ADDR_LINE1	Direct; Owner	AddressLine1	Name
ParcelDatabase	ADDR_LINE2	Direct; Owner	AddressLine2	Name
ParcelDatabase	ADDR_LINE3	Direct; Owner	AddressLine3	Name

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
ParcelDatabase	ADDR_STATE	Direct; Owner	AddressState	Name
ParcelDatabase	ADDR_ZIP	Direct; Owner	AddressZip	Name
ParcelDatabase	FILE_AS_NA	Direct; Owner	Name.Name	Name
ParcelDatabase	IMPRV_HSTD	Add: IMPRV_HSTD + IMPRV_NON_	MarketValueImprovements	TaxRoll
ParcelDatabase	IMPRV_NON_	Add: IMPRV_HSTD + IMPRV_NON_	MarketValueImprovements	TaxRoll
ParcelDatabase	LAND_HSTD_	Direct	MarketValueImprovedLand	TaxRoll
ParcelDatabase	LAND_HSTD_	Add: LAND_HSTD_ + LAND_NON_H	MarketValueLand	TaxRoll
ParcelDatabase	LAND_NON_H	Direct	MarketValueUnimprovedLand	TaxRoll
ParcelDatabase	LAND_NON_H	Add: LAND_HSTD_ + LAND_NON_H	MarketValueLand	TaxRoll
ParcelDatabase	LEGAL_ACRE	Direct	TabularAcres	TaxRoll
ParcelDatabase	MARKET	Direct	MarketValueTotal	TaxRoll
ParcelDatabase	SITUS_NUM	Direct	SiteAddressNumber	TaxRoll
ParcelDatabase	SITUS_NUM	Concatenate: SITUS_NUM, SITUS_STRE, SITUS_ST_1, SITUS_ST_2, SITUS_UNIT	SiteAddressFull	TaxRoll
ParcelDatabase	SITUS_STRE	Direct	SiteAddressStreetPrefix	TaxRoll
ParcelDatabase	SITUS_STRE	Concatenate: SITUS_STRE, SITUS_ST_1, SITUS_ST_2	SiteAddressStreetFullName	TaxRoll
ParcelDatabase	SITUS_STRE	Concatenate: SITUS_NUM, SITUS_STRE, SITUS_ST_1, SITUS_ST_2, SITUS_UNIT	SiteAddressFull	TaxRoll
ParcelDatabase	SITUS_ST_1	Direct	SiteAddressStreetName	TaxRoll
ParcelDatabase	SITUS_ST_1	Concatenate: SITUS_STRE, SITUS_ST_1, SITUS_ST_2	SiteAddressStreetFullName	TaxRoll
ParcelDatabase	SITUS_ST_1	Concatenate: SITUS_NUM, SITUS_STRE, SITUS_ST_1, SITUS_ST_2, SITUS_UNIT	SiteAddressFull	TaxRoll
ParcelDatabase	SITUS_ST_2	Direct	SiteAddressStreetType	TaxRoll
ParcelDatabase	SITUS_ST_2	Concatenate: SITUS_STRE, SITUS_ST_1, SITUS_ST_2	SiteAddressStreetFullName	TaxRoll
ParcelDatabase	SITUS_ST_2	Concatenate: SITUS_NUM, SITUS_STRE, SITUS_ST_1, SITUS_ST_2, SITUS_UNIT	SiteAddressFull	TaxRoll
ParcelDatabase	SITUS_UNIT	Concatenate: SITUS_NUM, SITUS_STRE, SITUS_ST_1, SITUS_ST_2, SITUS_UNIT	SiteAddressFull	TaxRoll
ParcelDatabase	SITUS_UNIT	Direct	SiteAddressUnitNumber	TaxRoll

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
ParcelDatabase	STATE_CD	FME Substring (0,1)	StateLandUseCode	StateLandUse, TaxRoll
ParcelDatabase	TAX_AREA_N	Direct	TaxCodeArea	TaxRoll
Parcels	Name	Direct	SourceParcelID	TaxRoll
Parcels	PROP_ID	Direct	TaxAccountID	TaxRoll
Parcels	PROP_ID	Concatenate: 'http://198.238.199.30/PropertyAccess/Property.aspx?cid=0&year=2011&prop_id=', PROP_ID	AssessorURL	TaxRoll
property	exemptions	Concatenate: type, exemptions	TaxStatus	TaxRoll
property	type	Concatenate: type, exemptions	TaxStatus	TaxRoll

Normalization Notes

Integration Date:	2012-04-30
Integration Notes:	<p>2012 data is significantly different than 2010 data.</p> <p>The 2012 data was provided as a file geodatabase containing a feature class, and a tax account table. The 2010 data was provided as a shapefile and a tab delimited ascii file. Additional improvement and property attributes were acquired from the county website.</p> <p>Two parcels, one with GEO_ID value: 040908110001 and one with a null GEO_ID value had null geometries and were not used. A third parcel with GEO_ID value of 220906310001 is ring self-intersecting but was included.</p>
QAQC Date:	2012-07-26
QAQC Notes:	<p>PolyID=435000003673; ProcessParcelAggregated=3; confirmed source data (Parcels) has 3 polygons with the same source parcel id (Name=190805320003). Parcels aggregated correctly.</p> <p>NameID=435000001197; ProcessNameFlattened=9; confirmed 9 records in source data (WahkiakumCountyGIS.gdb - ParcelDatabase); OBJECTIDs are 2062-2070.</p> <p>NameID=435000000962; ProcessNameFlattened=3; confirmed 3 records in source data (WahkiakumCountyGIS.gdb - ParcelDatabase); OBJECT_IDs are 2722,2723,2724.</p> <p>NameID=435000000637; ProcessNameFlattened=3; only 1 record for TONI BELOW in the source data (ParcelDatabase), but confirmed 3 matching records in source data table (property). Names flattened correctly.</p>

Walla Walla County -- 436

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Acquired Data Files

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
Various	Shapefile & Access Database	2012-01-25	2011-12-23	NAD_1983_StatePlane_Washington_South_FIP_S_4602_Feet	Shapefile: 'Taxlots_Data.shp' uploaded to WAGIS website by Tiffany Laposi on 2012-01-25. tsilo .mdb was uploaded to WeTransfer by Tiffany Laposi on 2012-01-25.
Various	Shapefile & Access Database	2012-01-25	2012-01-25	NAD_1983_StatePlane_Washington_South_FIP_S_4602_Feet	Shapefile: 'Taxlots_Data.shp' uploaded to WAGIS website by Tiffany Laposi on 2012-01-25. tsilo .mdb was uploaded to WeTransfer by Tiffany Laposi on 2012-01-25.
Various	Shapefile & Access Database	2012-01-25	2012-01-25	NAD_1983_StatePlane_Washington_South_FIP_S_4602_Feet	Shapefile: 'Taxlots_Data.shp' uploaded to WAGIS website by Tiffany Laposi on 2012-01-25. tsilo .mdb was uploaded to WeTransfer by Tiffany Laposi on 2012-01-25.
Various	Shapefile & Access Database	2012-01-25	2012-01-25	NAD_1983_StatePlane_Washington_South_FIP_S_4602_Feet	Shapefile: 'Taxlots_Data.shp' uploaded to WAGIS website by Tiffany Laposi on 2012-01-25. tsilo .mdb was uploaded to WeTransfer by Tiffany Laposi on 2012-01-25.
Various	Shapefile & Access Database	2012-01-25	2012-01-25	NAD_1983_StatePlane_Washington_South_FIP_S_4602_Feet	Shapefile: 'Taxlots_Data.shp' uploaded to WAGIS website by Tiffany Laposi on 2012-01-25. tsilo .mdb was uploaded to WeTransfer by Tiffany Laposi on 2012-01-25.

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
Various	Shapefile & Access Database	2012-01-25	2012-01-25	NAD_1983_StatePlane_Washington_South_FIPS_4602_Feet	Shapefile: 'Taxlots_Data.shp' uploaded to WAGIS website by Tiffany Laposi on 2012-01-25. tsilo .mdb was uploaded to WeTransfer by Tiffany Laposi on 2012-01-25.

Acquired Tables

Table Name:	Source Data File Name:	Normalization Date
com_tabl	Various	2012-04-13
FARM	Various	2012-04-13
MI_TABL	Various	2012-04-13
resident	Various	2012-04-13
SITEIMPS	Various	2012-04-13
Taxlots_Data.shp	Various	2012-04-13

Normalization Process

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
com_tabl	BASEMENT_AREA	Direct	SquareFeetBasement	Improvement
com_tabl	BLDG_NUMBER	Direct	SourceImprovementID	Improvement
com_tabl	CONDITION	Direct	Condition	Improvement
com_tabl	DESCRIPTION	Direct	Description	Improvement
com_tabl	EXT_WALL_CODE	Direct	SidingMaterial	Improvement
com_tabl	QUALITY	Direct	Quality	Improvement
com_tabl	STORIES	Direct	NumberStories	Improvement
com_tabl	TOTAL_AREA	Direct	SquareFeetTotal	Improvement
com_tabl	TYPE	Direct	Type	Improvement
com_tabl	YEAR_BUILT	Direct	YearBuilt	Improvement
FARM	ARCH_TYPE	Concatenate: ARCH_TYPE, STYLE1, STYLE2	Description	Improvement
FARM	BASEMENT_AREA	Direct	SquareFeetBasement	Improvement
FARM	BASE_AREA	Direct	SquareFeetFootprint	Improvement
FARM	BATHROOMS	Direct	NumberBathrooms	Improvement
FARM	BEDROOMS	Direct	NumberBedrooms	Improvement
FARM	CONDITION	Direct	Condition	Improvement

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
FARM	EXTER1_TYPE	Concatenate: EXTER1_TYPE, EXTER2_TYPE	SidingMaterial	Improvement
FARM	EXTER2_TYPE	Concatenate: EXTER1_TYPE, EXTER2_TYPE	SidingMaterial	Improvement
FARM	FLOOR_AREA	Direct	SquareFeetTotal	Improvement
FARM	FOUNDATION_TYPE	Direct	FoundationType	Improvement
FARM	GARAGE_AREA	Direct	SquareFeetGarage	Improvement
FARM	QUALITY	Direct	Quality	Improvement
FARM	REMODEL_DATE	Direct	YearRenovated	Improvement
FARM	ROOFING	Direct	RoofMaterial	Improvement
FARM	STYLE1	Concatenate: ARCH_TYPE, STYLE1, STYLE2	Description	Improvement
FARM	STYLE2	Concatenate: ARCH_TYPE, STYLE1, STYLE2	Description	Improvement
FARM	TYPE	Direct	Type	Improvement
FARM	YEAR_BUILT	Direct	YearBuilt	Improvement
MI_TABL	MISC_CODE	Concatenate: MISC_CODE, MISC_DESC	Description	Improvement
MI_TABL	MISC_DESC	Concatenate: MISC_CODE, MISC_DESC	Description	Improvement
MI_TABL	MISC_UNIT	Direct	SquareFeetTotal	Improvement
MI_TABL	YEAR	Direct	YearBuilt	Improvement
resident	BASEMENT_AREA	Direct	SquareFeetBasement	Improvement
resident	BASE_AREA	Direct	SquareFeetFootprint	Improvement
resident	BATHROOMS	Direct	NumberBathrooms	Improvement
resident	BEDROOMS	Direct	NumberBedrooms	Improvement
resident	CONDITION	Direct	Condition	Improvement
resident	EXTER1_TYPE	Concatenate: EXTER1_TYPE, EXTER2_TYPE	SidingMaterial	Improvement
resident	EXTER2_TYPE	Concatenate: EXTER1_TYPE, EXTER2_TYPE	SidingMaterial	Improvement
resident	FLOOR_AREA	Direct	SquareFeetTotal	Improvement
resident	FOUNDATION_TYPE	Direct	FoundationType	Improvement
resident	GARAGE_AREA	Direct	SquareFeetGarage	Improvement
resident	QUALITY	Direct	Quality	Improvement
resident	REMODEL_DATE	Direct	YearRenovated	Improvement

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
resident	ROOFING	Direct	RoofMaterial	Improvement
resident	STYLE1	Concatenate: STYLE1, STLYE2	Description	Improvement
resident	STYLE2	Concatenate: STYLE1, STLYE2	Description	Improvement
resident	TYPE	Direct	Type	Improvement
resident	YEAR_BUILT	Direct	YearBuilt	Improvement
SITEIMPS	#_UNITS	Direct	SquareFeetTotal	Improvement
SITEIMPS	CODE	Concatenate: CODE, DESCRIPTION	Description	Improvement
SITEIMPS	CONDITION	Direct	Condition	Improvement
SITEIMPS	Cover	Direct	RoofMaterial	Improvement
SITEIMPS	DESCRIPTION	Concatenate: CODE, DESCRIPTION	Description	Improvement
SITEIMPS	QUALITY	Direct	Quality	Improvement
SITEIMPS	Wall	Direct	SidingMaterial	Improvement
SITEIMPS	YEAR_IN	Direct	YearBuilt	Improvement
Taxlots_Data.sh p	DATE_CREAT	Direct	SourceCreationDate	TaxRoll
Taxlots_Data.sh p	DEEDED_ACR	Direct	TabularAcres	TaxRoll
Taxlots_Data.sh p	EXEMPTION_	Concatenate PROPERTY_T, EXEMPTION_, EXEMPT_AMO	TaxStatus	TaxRoll
Taxlots_Data.sh p	EXEMPT_AMO	Concatenate PROPERTY_T, EXEMPTION_, EXEMPT_AMO	TaxStatus	TaxRoll
Taxlots_Data.sh p	IMPR_MARKE	Direct	MarketValueImprovements	TaxRoll
Taxlots_Data.sh p	IMPR_USE_V	Direct	TaxableValueImprovements	TaxRoll
Taxlots_Data.sh p	LAND_MARKE	Direct	MarketValueLand	TaxRoll
Taxlots_Data.sh p	LAND_USE_V	Direct	TaxableValueLand	TaxRoll
Taxlots_Data.sh p	LAST_UPDAT	Direct	SourceRevisionDate	TaxRoll
Taxlots_Data.sh p	LEGAL	Direct	LegalDescription	TaxRoll
Taxlots_Data.sh p	MAP__	Direct	SourceDocumentReference	TaxRoll
Taxlots_Data.sh p	MAP__	FME substring(0,1)	Township	TaxRoll
Taxlots_Data.sh p	MAP__	FME substring(2,3)	Range	TaxRoll
Taxlots_Data.sh p	MAP__	FME substring(5,6)	Section	TaxRoll

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
Taxlots_Data.shp	MASTER_MAI	Direct	AddressLine1	Name
Taxlots_Data.shp	MASTER_M_1	Direct	AddressLine2	Name
Taxlots_Data.shp	MASTER_M_2	FME substring (-2,-1)	AddressState	Name
Taxlots_Data.shp	MASTER_M_2	FME substring (1,-2)	AddressCity	Name
Taxlots_Data.shp	NAME_CODE	Direct	NameCD	Name
Taxlots_Data.shp	NDR_CODES	Use LandUse_WALL_Crosswalk	StateLandUseCode	StateLandUse, TaxRoll
Taxlots_Data.shp	PARCELID	Direct	SourceParcelID	TaxRoll
Taxlots_Data.shp	PERM_CROP1	Direct	TaxableValueCrop	TaxRoll
Taxlots_Data.shp	PERM_CROP_	Direct	MarketValueCrop	TaxRoll
Taxlots_Data.shp	PROPERTY_T	Concatenate PROPERTY_T, EXEMPTION_, EXEMPT_AMO	TaxStatus	TaxRoll
Taxlots_Data.shp	SITUS	Direct	SiteAddressFull	TaxRoll
Taxlots_Data.shp	TAXPAYER_N	Direct; Taxpayer	Name.Name	Name
Taxlots_Data.shp	TAX_DISTRI	Direct	TaxCodeArea	TaxRoll
Taxlots_Data.shp	TERRALINK	Direct	AssessorURL	TaxRoll
Taxlots_Data.shp	TOTAL_MARK	Direct	MarketValueTotal	TaxRoll
Taxlots_Data.shp	TOTAL_USE_	Direct	TaxableValueTotal	TaxRoll
Taxlots_Data.shp	ZIP_CODE	Direct	AddressZip	Name

Normalization Notes

Integration Date:	2012-04-13
Integration Notes:	The shapefile we received in 2012 is TaxLots_Data.shp. In the past we have received TaxLots_NoData.shp, and have needed to combine the atrfile and MASTER tables from tsilo.mdb. The attributes from the atrfile and MASTER tables are all in the shapefile in 2012.
QAQC Date:	2012-07-25
QAQC Notes:	PolyID=436000027661; ProcessParcelAggregated=3; confirmed 3 polygons in source data (Taxlots_Data.shp) with the same source parcel id (PARCELID=320730110002). PolyID=436000027465; ProcessParcelAggregated=2; confirmed 2 polygons in source data with the same PARCELID (350718210002). Pacels aggregated correctly.

NameID=436000001623; ProcessNameFlattened=4; confirmed 4 redundant records in source data (Taxlots_Data.dbf); Source parcel IDs (PARCELID) are 360729210010, 360729210038, 360729210040, 360729210039. NameID=436000002669; ProcessNameFlattened=2; confirmed 2 redundant records in source data; source PARCELIDs are 350725340009 and 350725560114. Names were flattened correctly.

Normalization Process -- Attribute Value Translation

Original Field (NDR_CODES) Value	Normalized Field (StateLandUseCode) Value
09	18
9	15
10	18
11	11
11 00 00	11
11 10	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
21	21
24	24
25	25
26	26
27	27
28	28
32	32
34	34
35	35
36	36
39	39
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49

Original Field (NDR_CODES) Value	Normalized Field (StateLandUseCode) Value
50	65
51	51
52	52
53	53
54	54
55	55
56	56
57	57
58	58
59	59
61	61
62	62
63	63
64	64
65	65
66	66
67	67
67 00 13	67
68	68
69	69
70	79
71	71
72	72
73	73
74	74
75	75
76	76
77	77
79	79
81	81
81 10	81
81 11	81
81 39	81
82	82
83	83
83 10	83
83 36	83
83 88	83
83 95	83
84	84
85	85

Original Field (NDR_CODES) Value	Normalized Field (StateLandUseCode) Value
88	88
89	89
91	91
91 XX XX	91
93	93
94	94
94 10	94
95	95
96	96
99	99

Whatcom County -- 437

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Acquired Data Files

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
Various	Shapefile & MDB	2012-02-01	2012-01-26	NAD_1983_StatePlane_Washington_North_FIP_S_4601_Feet	uploaded by Kathy Zegers, to the WAGIS website
Various	Shapefile & MDB	2012-02-01	2012-01-25	NAD_1983_StatePlane_Washington_North_FIP_S_4601_Feet	uploaded by Kathy Zegers, to the WAGIS website

Acquired Tables

Table Name:	Source Data File Name:	Normalization Date
Assessor20120125.mdb	Various	2012-03-20
WC_AR_TaxParcel.shp	Various	2012-03-20

Normalization Process

Source Table	Source Attribute	Normalization Process:	Normalized	Normalized

Name:	Name:		Attribute Name:	Table
Assessor20120125.mdb	appraised_improvement_val	Direct	TaxableValueImprovements	TaxRoll
Assessor20120125.mdb	appraised_land_val	Direct	TaxableValueLand	TaxRoll
Assessor20120125.mdb	exmpt_sub_type	Concatenate: exmpt_type, exmpt_sub_type	TaxStatus	TaxRoll
Assessor20120125.mdb	exmpt_type	Concatenate: exmpt_type, exmpt_sub_type	TaxStatus	TaxRoll
Assessor20120125.mdb	legal_acreage	Direct	TabularAcres	TaxRoll
Assessor20120125.mdb	legal_description	Direct; when long_legal_description is NULL	LegalDescription	TaxRoll
Assessor20120125.mdb	long_legal_description	Direct; when NULL, use legal_description	LegalDescription	TaxRoll
Assessor20120125.mdb	market	Direct	MarketValueTotal	TaxRoll
Assessor20120125.mdb	market_improvement_val	Direct	MarketValueImprovements	TaxRoll
Assessor20120125.mdb	market_land_val	Direct	MarketValueLand	TaxRoll
Assessor20120125.mdb	property_type	Direct	PropertyType	TaxRoll
Assessor20120125.mdb	property_use_cd	First two (left) characters; FME Substring Extractor (0,1).	StateLandUseCode	StateLandUse, TaxRoll
Assessor20120125.mdb	property_use_description	Direct	SourceLandUseDescription	TaxRoll
Assessor20120125.mdb	prop_id	Concatenate: 'http://property.whatcomcounty.us/propertyaccess/Property.aspx?cid=0&year=2011&prop_id=', prop_id	AssessorURL	TaxRoll
Assessor20120125.mdb	prop_id	Direct	TaxAccountID	TaxRoll
Assessor20120125.mdb	situs_city	Direct	SiteAddressCity	TaxRoll
Assessor20120125.mdb	situs_city	Concatenate: situs_num, situs_street_prefix, situs_street, situs_unit, situs_city, situs_state	SiteAddressFull	TaxRoll
Assessor20120125.mdb	situs_num	Direct	SiteAddressNumber	TaxRoll
Assessor20120125.mdb	situs_num	Concatenate: situs_num, situs_street_prefix, situs_street, situs_unit, situs_city,	SiteAddressFull	TaxRoll

		situs_state		
Assessor20120125.mdb	situs_state	Concatenate: situs_num, situs_street_prefix, situs_street, situs_unit, situs_city, situs_state	SiteAddressFull	TaxRoll
Assessor20120125.mdb	situs_street	Direct	SiteAddressStreetName	TaxRoll
Assessor20120125.mdb	situs_street	Concatenate: situs_num, situs_street_prefix, situs_street, situs_unit, situs_city, situs_state	SiteAddressFull	TaxRoll
Assessor20120125.mdb	situs_street	Concatenate: situs_street_prefix, situs_street	SiteAddressStreetFullName	TaxRoll
Assessor20120125.mdb	situs_street_prefix	Direct	SiteAddressStreetPrefix	TaxRoll
Assessor20120125.mdb	situs_street_prefix	Concatenate: situs_num, situs_street_prefix, situs_street, situs_unit, situs_city, situs_state	SiteAddressFull	TaxRoll
Assessor20120125.mdb	situs_street_prefix	Concatenate: situs_street_prefix	SiteAddressStreetFullName	TaxRoll
Assessor20120125.mdb	situs_unit	Direct	SiteAddressUnitNumber	TaxRoll
Assessor20120125.mdb	situs_unit	Concatenate: situs_num, situs_street_prefix, situs_street, situs_unit, situs_city, situs_state	SiteAddressFull	TaxRoll
Assessor20120125.mdb	taxable_val_total	Direct	TaxableValueTotal	TaxRoll
Assessor20120125.mdb	tax_area_number	Direct	TaxCodeArea	TaxRoll
Assessor20120125.mdb	tax_payer_city	Direct; taxpayer	AddressCity	Name
Assessor20120125.mdb	tax_payer_country	Direct; taxpayer	AddressCountry	Name
Assessor20120125.mdb	tax_payer_id	Direct; taxpayer	NameCD	Name
Assessor20120125.mdb	tax_payer_line1	Direct; taxpayer	AddressLine1	Name
Assessor20120125.mdb	tax_payer_line2	Direct; taxpayer	AddressLine2	Name
Assessor20120125.mdb	tax_payer_line3	Direct; taxpayer	AddressLine3	Name
Assessor20120125.mdb	tax_payer_name	Direct; taxpayer	Name.Name	Name

Assessor20120125.mdb	tax_payer_state	Direct; taxpayer	AddressState	Name
Assessor20120125.mdb	tax_payer_zip	Direct; taxpayer	AddressZip	Name
Assessor20120125.mdb	title_owner_city	Direct; owner	AddressCity	Name
Assessor20120125.mdb	title_owner_country	Direct; owner	AddressCountry	Name
Assessor20120125.mdb	title_owner_id	Direct; owner	NameCD	Name
Assessor20120125.mdb	title_owner_line1	Direct; owner	AddressLine1	Name
Assessor20120125.mdb	title_owner_line2	Direct; owner	AddressLine2	Name
Assessor20120125.mdb	title_owner_line3	Direct; owner	AddressLine3	Name
Assessor20120125.mdb	title_owner_name	Direct; owner	Name.Name	Name
Assessor20120125.mdb	title_owner_state	Direct; owner	AddressState	Name
Assessor20120125.mdb	title_owner_zip	Direct; owner	AddressZip	Name
Assessor20120125.mdb	TTRRSS	FME substring(0,1); Concatenate with 'N'	Township	TaxRoll
Assessor20120125.mdb	TTRRSS	FME substring(2,3); If 51 or 53, map to 01 or 03 respectively and concatenate with 'W'. Else, concatenate with 'E'	Range	TaxRoll
Assessor20120125.mdb	TTRRSS	FME substring(4,5)	Section	TaxRoll
WC_AR_TaxParcel.shp	GIS_Update	Direct	SourceRevisionDate	TaxRoll
WC_AR_TaxParcel.shp	WCAGCODE	Direct	SourceParcelID	TaxRoll

Normalization Notes

Integration Date:	2012-03-20
Integration Notes:	<p>Assessor20120125 contains 8 new fields in 2012: zoning, zoning_description, lot, block, lien_type, exmpt_sub_type, exmpt_type, long_legal_description1. It is missing one field from 2010: legal_description2. All other fields match.</p> <p>In previous versions of the Parcel database the field geo_id in the source assessment table was assigned to SourceParcelID, and the field WCAGCODE in the shapefile was assigned to TaxAccountID. To be consistent with how these fields were mapped in other counties, starting in the 2012 version of the database, the field prop_id in the source assessment table will now be assigned to TaxAccountID, and the field WCAGCODE in the shapefile will now be assigned to SourceParcelID.</p> <p>----- Geometry editing: The source shapefile was pre-processed using the RepairGeometry tool in ArcGIS 10, with the</p>

	<p>following results.</p> <p>The features with the following WCAGCODE values were repaired for self-intersections: 380333485430, 380315256170, 400131250312, 380108526302, 400522060137, 400522090180, 400411336513, 410131503221, 410434348353, 410135476289, 400133423417, 400402237461, 400402231486, 410434492040, 410434482150, 410434262170, 400106537500, 400402312084, 410434430243, 410434355207, 410434357168, 410131388208, 400106239087</p> <p>The feature with WCAGCODE value 415335085076 was removed because of NULL geometry.</p>
QAQC Date:	2012-07-31
QAQC Notes:	<p>PolyID=437000090949; ProcessParcelAggregated=3; confirmed 3 polygons in source data (WC_AR_TaxParcel.shp) have the same source parcel ID (WCAGCODE=380412407156). PolyID=437000090875; ProcessParcelAggregated2; confirmed 2 polygons in source data with the same source parcel id (WCAGCODE=38021999905). Parcels aggregated correctly.</p> <p>PolyID=437000085299; ProcessParcelDuplicatesRemoved=2. Confirmed the polygon was duplicated; there is one instance from GIS Source=WC_AR, and another instance from GIS Source=City of Sumas. Both instances have the same source parcel id (WCAGCODE 410435094153). Duplicate removed correctly.</p> <p>NameID=437000045648; ProcessNameFlattened=3; confirmed 3 records in source data (Assessor20120125.mdb); source parcel ID's (geo_id): 4101323272030000, 4101323272190000, 4101323272070000.</p> <p>Nameld=437000026284; ProcessNameFlattened=4; only 2 records in source data (Assessor20120125.mdb)</p> <p>J SCOTT PLANK - prop_id for the two records are 60808 and 68625. Two records were created for each parcel due to 2 name fields (taxpayer_name and title_owner_name). The names were flattened correctly.</p>

Whitman County -- 438

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Acquired Data Files

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
2012 Tax	excel	2012-03-16	2012-03-15	N/A	Emailed from Robin Jones. Contact

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
Roll.xls	file				Robin with any questions.

Acquired Tables

Table Name:	Source Data File Name:	Normalization Date
2012 Tax Roll.xls	2012 Tax Roll.xls	2012-04-04

Normalization Process

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
2012 Tax Roll.xls	Address1	Direct	AddressLine1	Name
2012 Tax Roll.xls	Address2	Direct	AddressLine2	Name
2012 Tax Roll.xls	AssembledLegal	Direct	LegalDescription	TaxRoll
2012 Tax Roll.xls	AssessedBuildingValue	Direct	TaxableValueImprovements	TaxRoll
2012 Tax Roll.xls	AssessedCropValue	Direct	TaxableValueCrop	TaxRoll
2012 Tax Roll.xls	AssessedLandValue	Direct	TaxableValueLand	TaxRoll
2012 Tax Roll.xls	AssessmentType	Concatenate: Parcel Type, Assessment Type, IsExempt	TaxStatus	TaxRoll
2012 Tax Roll.xls	City	Direct	AddressCity	Name
2012 Tax Roll.xls	DepartmentOfRevenueCode	FME Substring (0,1)	StateLandUseCode	StateLandUse, TaxRoll
2012 Tax Roll.xls	DepartmentOfRevenueCode	FME Substring (5,-1)	SourceLandUseDescription	TaxRoll
2012 Tax Roll.xls	District	Direct	TaxCodeArea	TaxRoll
2012 Tax Roll.xls	FirstName	Concatenate: First Name, Last Name; Owner	Name.Name	Name
2012 Tax Roll.xls	IsExempt	Concatenate: Parcel Type, Assessment Type, IsExempt	TaxStatus	TaxRoll
2012 Tax Roll.xls	LastName	Concatenate: First Name, Last Name; Owner	Name.Name	Name
2012 Tax Roll.xls	MapNumber	Direct	SourceDocumentReference	TaxRoll
2012 Tax Roll.xls	MarketBuildingValue	Direct	MarketValueImprovements	TaxRoll
2012 Tax Roll.xls	MarketCropValue	Direct	MarketValueCrop	TaxRoll
2012 Tax Roll.xls	MarketLandValue	Direct	MarketValueLand	TaxRoll

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
2012 Tax Roll.xls	MiscID6	Direct; if greater than or equal to 1 and less than or equal to 36	Section	TaxRoll
2012 Tax Roll.xls	MiscID7	Direct; if greater than or equal to 11 and less than or equal to 20	Township	TaxRoll
2012 Tax Roll.xls	MiscID8	Direct; if greater than or equal to 36 and less than or equal to 46	Range	TaxRoll
2012 Tax Roll.xls	OwnerCode	Direct	NameCD	Name
2012 Tax Roll.xls	ParcelID	Direct	TaxAccountID	TaxRoll
2012 Tax Roll.xls	ParcelNumber	Direct	SourceParcelID	TaxRoll
2012 Tax Roll.xls	ParcelNumber	Concatenate: 'http://terrasc an.whitmancount y.net/taxsifter /Search/results .aspx?q=', ParcelNumber	AssessorURL	TaxRoll
2012 Tax Roll.xls	ParcelType	Concatenate: Parcel Type, Assessment Type, IsExempt	TaxStatus	TaxRoll
2012 Tax Roll.xls	Situs	Direct	SiteAddressFull	TaxRoll
2012 Tax Roll.xls	State	Direct	AddressState	Name
2012 Tax Roll.xls	TotalAcres	Direct	TabularAcres	TaxRoll
2012 Tax Roll.xls	TotalAssessedValue	Direct	TaxableValueTotal	TaxRoll
2012 Tax Roll.xls	TotalMarketValue	Direct	MarketValueTotal	TaxRoll
2012 Tax Roll.xls	Zip	Direct	AddressZip	Name

Normalization Notes

Integration Date:	2012-04-04
Integration Notes:	<p>2012 source data provided as an excel spreadsheet.</p> <p>Pseudo-parcels were created for each unique ParcelNumber in the spreadsheet. Multiple records with the same ParcelNumber values were all attached to the single parcel as separate tax rolls.</p> <p>Contains the following new fields in 2012: ParcelDescription, MarketCropValue, AssessedCropValue, PriorMarket, PriorAssessed, PriorTaxable, PriorMrktLand, PriorMrktImpr, PriorMrktCrop, PriorAssessLand, PriorAssessImpr, PriorAssessCrop, SubName, ValuesLocked, ValuesLockedBy, SortAcres</p> <p>The 2010 field 'Deeded Acres' appears to have been renamed 'TotalAcres' in 2012.</p>
QAQC Date:	2012-07-25

QAQC Notes:	NameID=438000005760; ProcessNameFlattened=3; confirmed 3 redundant records in source data (2012 Tax Roll.xls); source parcel ids for WASH ST DEPT/ are: ParcelID=446498, 446581, 410193. Names flattened correctly.
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Normalization Process -- Attribute Value Translation

Original Field (DepartmentOfRevenueCode) Value	Normalized Field (StateLandUseCode) Value
11 - Residential - Single Family	11
12 - Residential - 2-4 Units	12
13 - Residential - Multiunits	13
14 - Residential - Condo	14
15 - Residential - Mobile Home	15
16 - Residential - Hotels/Motels	16
17 - Residential - Institutional lodging	17
18 - Residential - All other	18
19 - Residential - Vacation and Cabin	19
21 - Commercial - Food	21
24 - Commercial - Lumber and Wood	24
26 - Commercial - Paper	26
29 - Commercial - Petroleum	29
30 - Commercial - Rubber & Plastics	30
32 - Commercial - Stone, Clay & Glass	32
35 - Commercial - Scientific/Photographic/Tim	35
39 - Commercial - Misc Commercial	39
41 - Transportation - Railroad	41
42 - Transportation - Motor Vehicle	42
43 - Transportation - Aircraft	43
45 - Transportation - Highway	45
46 - Transportation - Auto Parking	46
47 - Transportation - Communication	47
48 - Transportation - Utilities	48
49 - Transportation - Other	49
50 - Trade - Condominiums	50
51 - Trade - Wholesale Trade	51
52 - Trade - Retail Trade	52
53 - Trade - General Meechandise	53
54 - Trade - Food	54
55 - Trade - Auto	55
56 - Trade - Apparel	56
57 - Trade - Furniture & Equipment	57
58 - Trade - Eating & Drinkin	58
58 - Trade - Eating && Drinkin	58
59 - Trade - Other	59

Original Field (DepartmentOfRevenueCode) Value	Normalized Field (StateLandUseCode) Value
61 - Services - Finance/Insurance/RealEstate	61
62 - Services - Personal	62
63 - Services - Business	63
64 - Services - Repair	64
65 - Services - Professional	65
66 - Services - Contract	66
67 - Services - Governmental	67
68 - Services - Educational	68
69 - Services - Misc	69
71 - Recreational - Cultural	71
72 - Recreational - Public	72
72 - Recreational - Public assembly	72
73 - Recreational - Amusements	73
74 - Recreational - Rec. Activities	74
76 - Recreational - Parks	76
79 - Recreational - Other Recreational	79
81 - Resource - Agriculture	81
82 - Resource - Agriculture Activities	82
83 - Resource - Agriculture Current Use	83
85 - Resource - Mining	85
91 - Undeveloped - Land	91
93 - Undeveloped - Water areas	93
99 - Undeveloped - Other	99

Yakima County -- 439

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Acquired Data Files

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:

File Name:	File Type:	Acquisition Date:	File Date Stamp:	Projection:	Notes:
N/A	Shapefile	2012-01-23	2012-01-23	NAD_1983_StatePlane_Washington_South_FIPS_4602_Feet	uploaded by Michael Martian to https://depts.washington.edu/wagis/upload/
Various	TXT	2012-05-08	2012-05-08	NA	uploaded to WAGIS by Jacob Tate
Various	TXT	2012-05-08	2012-05-08	NA	uploaded to WAGIS by Jacob Tate
Various	TXT	2012-05-08	2012-05-08	NA	uploaded to WAGIS by Jacob Tate
Various	TXT	2012-05-08	2012-05-08	NA	uploaded to WAGIS by Jacob Tate
Various	TXT	2012-05-08	2012-05-08	NA	uploaded to WAGIS by Jacob Tate
Various	TXT	2012-05-08	2012-05-08	NA	uploaded to WAGIS by Jacob Tate
Various	TXT	2012-05-08	2012-05-08	NA	uploaded to WAGIS by Jacob Tate
Various	TXT	2012-05-08	2012-05-08	NA	uploaded to WAGIS by Jacob Tate
Various	TXT	2012-05-08	2012-05-08	NA	uploaded to WAGIS by Jacob Tate

Acquired Tables

Table Name:	Source Data File Name:	Normalization Date
Commercial Structure.txt	Various	2012-05-11
Detached Structure.txt	Various	2012-05-11
Exemption.txt	Various	2012-05-11
Legal Description.txt	Various	2012-05-11
Mobile Home.txt	Various	2012-05-11
Name Records.txt	Various	2012-05-11
parcels	N/A	2012-05-11
Residence.txt	Various	2012-05-11
TaxRoll.txt	Various	2012-05-11

Normalization Process

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
Commercial Structure.txt	Building .	Concatenate: Building ., Section .	SourceImprovementID	Improvement
Commercial Structure.txt	Building Type	Concatenate: Building Type, Section Type	Description	Improvement
Commercial Structure.txt	Condition	Direct	Condition	Improvement
Commercial Structure.txt	Floors	Direct	NumberStories	Improvement
Commercial Structure.txt	Main Floor Area	Direct	SquareFeetFootprint	Improvement

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
Commercial Structure.txt	Quality	Direct	Quality	Improvement
Commercial Structure.txt	Section .	Concatenate: Building ., Section .	SourceImprovementID	Improvement
Commercial Structure.txt	Section Type	Concatenate: Building Type, Section Type	Description	Improvement
Detached Structure.txt	Condition	Direct	Condition	Improvement
Detached Structure.txt	Main Floor	Direct	SquareFeetFootprint	Improvement
Detached Structure.txt	Main Floor	Add: Main Floor, Upper Floor	SquareFeetTotal	Improvement
Detached Structure.txt	Quality	Direct	Quality	Improvement
Detached Structure.txt	Record .	Direct	SourceImprovementID	Improvement
Detached Structure.txt	Type	Direct	Description	Improvement
Detached Structure.txt	Upper Floor	Add: Main Floor, Upper Floor	SquareFeetTotal	Improvement
Exemption.txt	Exemption Type	Direct	TaxStatus	TaxRoll
Legal Description.txt	Legal Line Text	Concatenate together all lines with same Parcel Number	LegalDescription	TaxRoll
Mobile Home.txt	1/2 Baths	$(0.5 * 1/2 \text{ Baths}) + (0.75 * 3/4 \text{ Baths}) + \text{Full Baths}$	NumberBathrooms	Improvement
Mobile Home.txt	3/4 Baths	$(0.5 * 1/2 \text{ Baths}) + (0.75 * 3/4 \text{ Baths}) + \text{Full Baths}$	NumberBathrooms	Improvement
Mobile Home.txt	Bedrooms	Direct	NumberBedrooms	Improvement
Mobile Home.txt	Condition	Direct	Condition	Improvement
Mobile Home.txt	Full Baths	$(0.5 * 1/2 \text{ Baths}) + (0.75 * 3/4 \text{ Baths}) + \text{Full Baths}$	NumberBathrooms	Improvement
Mobile Home.txt	Quality	Direct	Quality	Improvement
Mobile Home.txt	Record .	Direct	SourceImprovementID	Improvement
Mobile Home.txt	Total Area	Direct	SquareFeetTotal	Improvement
Mobile Home.txt	Total Area	Direct	SquareFeetFootprint	Improvement
Name Records.txt	City	Direct; Owner or Taxpayer	AddressCity	Name
Name Records.txt	Country	Direct; Owner or Taxpayer	AddressCountry	Name
Name Records.txt	Mailing Address	Direct; Owner or Taxpayer	AddressLine1	Name
Name Records.txt	Name Type	Direct	NameRole	TaxRollsHaveNames
Name Records.txt	Party Name	Direct; Owner or Taxpayer	Name.Name	Name

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
Name Records.txt	State	Direct; Owner or Taxpayer	AddressState	Name
Name Records.txt	Zip	Direct; Owner or Taxpayer	AddressZip	Name
parcels	ASSESSOR_N	Direct	SourceParcelID	TaxRoll
Residence.txt	1/2 Baths	(0.5 * 1/2 Baths) + (0.75 * 3/4 Baths) + Full Baths	NumberBathrooms	Improvement
Residence.txt	3/4 Baths	(0.5 * 1/2 Baths) + (0.75 * 3/4 Baths) + Full Baths	NumberBathrooms	Improvement
Residence.txt	Attached Garage	Sum: Attached Garage, Basement Garage, Built in Garage	SquareFeetGarage	Improvement
Residence.txt	Attached Garage	Sum: Main Floor Area, Attached Garage	SquareFeetFootprint	Improvement
Residence.txt	Basement Garage	Sum: Attached Garage, Basement Garage, Built in Garage	SquareFeetGarage	Improvement
Residence.txt	Basment Area	Direct	SquareFeetBasement	Improvement
Residence.txt	Basment Area	Sum: Main Floor Area, Upper Floor Area, Basment Area	SquareFeetTotal	Improvement
Residence.txt	Built in Garage	Sum: Attached Garage, Basement Garage, Built in Garage	SquareFeetGarage	Improvement
Residence.txt	Condition	Direct	Condition	Improvement
Residence.txt	Full Baths	(0.5 * 1/2 Baths) + (0.75 * 3/4 Baths) + Full Baths	NumberBathrooms	Improvement
Residence.txt	Main Floor Area	Sum: Main Floor Area, Attached Garage	SquareFeetFootprint	Improvement
Residence.txt	Main Floor Area	Sum: Main Floor Area, Upper Floor Area, Basment Area	SquareFeetTotal	Improvement
Residence.txt	Num Bedrooms	Direct	NumberBedrooms	Improvement
Residence.txt	Quality	Direct	Quality	Improvement
Residence.txt	Record .	Direct	SourceImprovementID	Improvement
Residence.txt	Stories	Direct	NumberStories	Improvement
Residence.txt	Style	Direct	Description	Improvement
Residence.txt	Upper Floor Area	Sum: Main Floor Area, Upper Floor Area, Basment Area	SquareFeetTotal	Improvement
TaxRoll.txt	1/4 Section	Direct	QuarterSection	TaxRoll
TaxRoll.txt	Current Use Crop	Direct	TaxableValueCrop	TaxRoll
TaxRoll.txt	Current Use Imp	Direct	TaxableValueImprovements	TaxRoll
TaxRoll.txt	Current Use Land	Direct	TaxableValueLand	TaxRoll
TaxRoll.txt	Market Crop	Direct	MarketValueCrop	TaxRoll

Source Table Name:	Source Attribute Name:	Normalization Process:	Normalized Attribute Name:	Normalized Table
TaxRoll.txt	Market Improvement	Direct	MarketValueImprovements	TaxRoll
TaxRoll.txt	Market Land	Direct	MarketValueLand	TaxRoll
TaxRoll.txt	Property Type	Direct	PropertyType	TaxRoll
TaxRoll.txt	Property Use Description	Direct	SourceLandUseDescription	TaxRoll
TaxRoll.txt	Range	Concatenate: Range, 'E'	Range	TaxRoll
TaxRoll.txt	Section	Direct	Section	TaxRoll
TaxRoll.txt	Situs Address	Concatenate: Situs Address, Situs City, Situs Zip	SiteAddressFull	TaxRoll
TaxRoll.txt	Situs City	Concatenate: Situs Address, Situs City, Situs Zip	SiteAddressFull	TaxRoll
TaxRoll.txt	Situs City	Direct	SiteAddressCity	TaxRoll
TaxRoll.txt	Situs Zip	Concatenate: Situs Address, Situs City, Situs Zip	SiteAddressFull	TaxRoll
TaxRoll.txt	Size	when Measure = 'Acre(s)' then Direct when Measure = 'Lot(s)' then 0 when Measure = 'Square Feet' then Size/43560 when Measure is NULL then 0	TabularAcres	TaxRoll
TaxRoll.txt	Tax Code Area	Direct	TaxCodeArea	TaxRoll
TaxRoll.txt	Taxable Regular	Direct	TaxableValueTotal	TaxRoll
TaxRoll.txt	Township	Concatenate: Township, 'N'	Township	TaxRoll

Normalization Notes

Integration Date:	2012-05-11
Integration Notes:	First year that taxroll/name attributes provided by Yakima county.
QAQC Date:	2012-07-26
QAQC Notes:	<p>PolyID=439000097061; ProcessParcelAggregated=3; confirmed 3 polygons in source data (parcels.shp) that have the same source parcel ID (ASSESSOR_N=22072511002).</p> <p>PolyID=439000097068; ProcessParcelAggregated=2; confirmed 2 polygons in source data with the same ASSESSOR_N (19130731001). Parcels aggregated correctly.</p> <p>NameID=439000015886; ProcessNameFlattened=2; confirmed 2 records for KENNETH W WHITWORTH in source data (Name Records.txt). One record is Name Type=Owner, the other is Name Type=Taxpayer. Parcel Numbrs in source data are: 181425-12406, 181425-12406.</p> <p>NameId=439000032959; ProcessNameFlattened=5; confirmed 5 records in source data with redundant owner info; Parcel Numbers for source data are: 121612-11509, 151621-14001, 121612-11508, 121612-11518, 151617-24402. Names flattened correctly.</p>