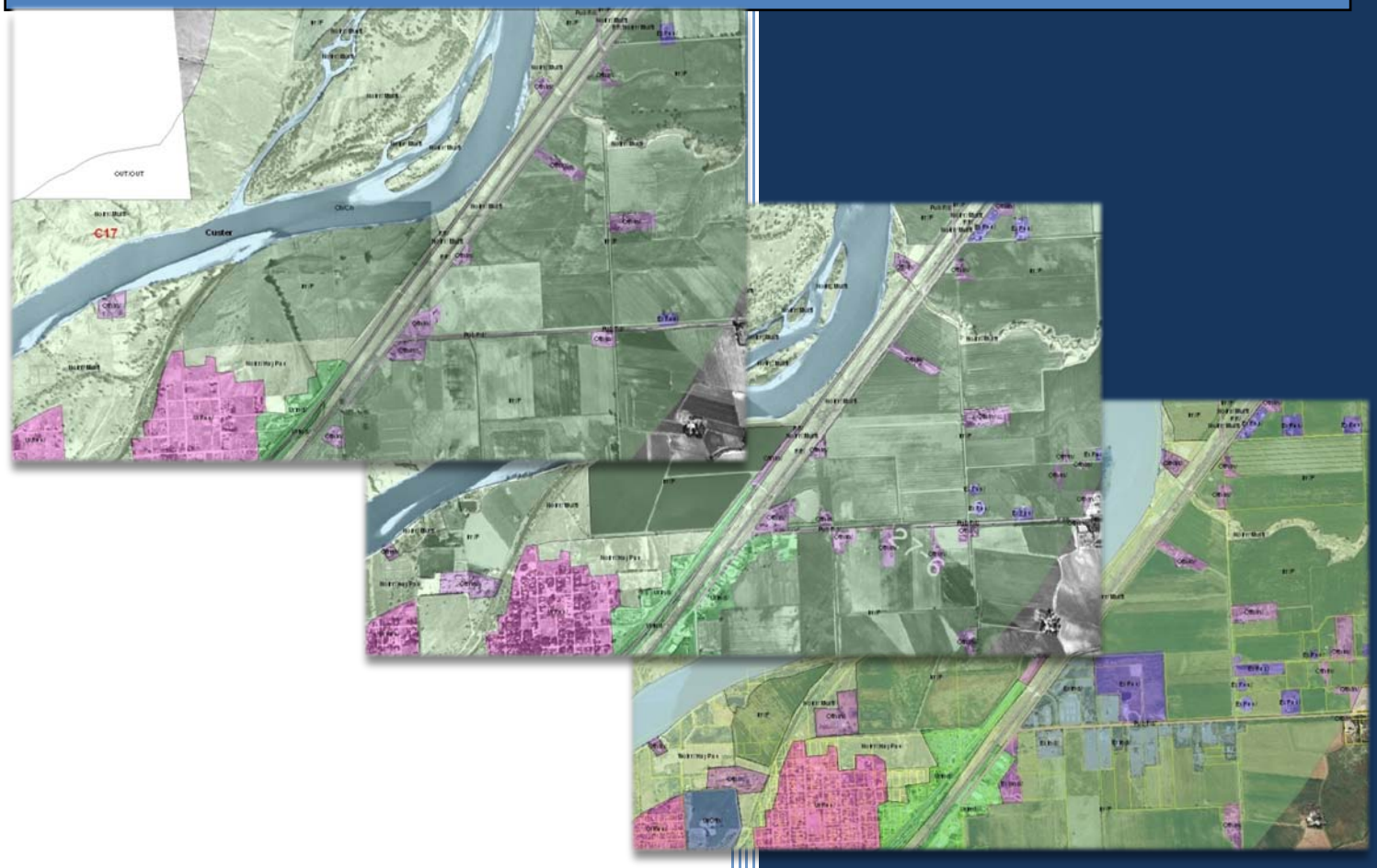
Final Report

January 16, 2013

Yellowstone River Land Use Mapping and Analysis



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1 Introduction

This report describes the development of a series of land use GIS mapping layers and analysis of land use patterns for the Yellowstone River Corridor. This work is in support of the Yellowstone River Conservation District Council's (YRCDC) Cumulative Effects Assessment of the Yellowstone River.

The contracted Scope of Work includes the following:

- Develop land use mapping GIS data layers based on the existing 1950s, 1976, 2001, and 2011 imagery. The mapping extents are defined by the GIS-based 100-year inundation boundary plus a 500-meter buffer.
- Perform analysis of the resulting land use data layers.
- Write a technical report detailing methodology, analysis, and results.
- Format and incorporate the resulting data into the Cumulative Effects Assessment Database.

1.1 Executive Summary

Land use patterns throughout the corridor reflect the dominant economic and demographic trends of their associated regions. Understanding these patterns, their changes through time, and their relationship to other physical and natural resource data will help others to make informed decisions regarding development and management.

This study generated four new GIS datasets reflecting the land use shown in a series of historic aerial photography (1950s, 1976, 2001, and 2011). Land use was classified using a four-tiered schema that allowed analysis of the resulting data at a variety of scales. The data were created through on-screen digitizing in ArcMap at a target scale between 1:6,000 to 1:8,000 depending on the location on the river. The study area is defined by the GIS-modeled 100-year inundation boundary, plus a 500-meter buffer. In total, over 700 square miles of area were mapped for each suite of imagery.

The data were then analyzed for changes in land use from year to year by reach and regions, as well as changes in land use in relation to other corridor datasets: physical features, riparian mapping, parcel and subdivisions, the 100-year inundation boundary, and the Channel Migration Zone mapping. Each analysis was focused on the overall trends in the data, leaving more specific reach-scale exploration for the Reach Narrative process.

In summary, the analysis showed the following characteristics. Each is described in greater detail, along with supporting tables and graphs, in the following sections.

- In most areas a consistent shift from lower to higher levels of land use are evident. Within Agricultural areas, land is most often shifted from Non-Irrigated to Irrigated and from Flood Irrigated to Sprinkler or Pivot irrigation. Some shifts from Non-Irrigated to Irrigated are accompanied by a corresponding conversion away from native vegetation (e.g. riparian lands). This results in a loss of native habitat in the area. While these conversions are not wide-spread, they may represent a local impact to habit.
- Most urban centers have shown expansions of their urban boundaries. This is most pronounced in the Billings area, but the smaller urban areas such as Livingston, Miles City, and Glendive each

show considerable growth in Urban land uses at the expense of agricultural uses. For the larger urban areas, there is an accompanied growth in Exurban Residential land use in the form of medium-sized subdivided parcels.

- A general decrease in Agricultural lands throughout the corridor are generally the result of conversion to Urban or Exurban land uses.
- The upper river, including most of Park County, shows a clear conversion of large ranches into large residential lots. In some cases agricultural practices continue on the subdivided land if they are left in some sort of hay production or grazing, but often the land is only marginally utilized for horse grazing.
- With the exception of the construction of the interstate around 1976, there has been little growth in the primary transportation network which includes highways and primary major roads. The tertiary local roads associated with Residential and Urban areas were usually mapped as an Urban or Exurban developed category so their growth is not captured as Transportation.
- The amount of land uses protected by physical features increases through time, reflecting both an increase in the amount of bank protection, as well as an increase in higher value land uses behind the bank protection. Much of this shift happened between 1950 and 1976, though continued growth in bank protection is occurring. There is no 2011 physical features information, so the assessment of physical features stops at 2001.
- Existing bank protection is most often associated with Irrigated fields with 27 miles of associated bank protection and the railroad with 34 miles of associated bank protection.
- Throughout the corridor, but especially in Regions C and D, large areas of riparian habitat were converted to Agricultural land use, both Irrigated and Non-Irrigated.
- Though a majority of subdivided land is outside of both the 100-year inundation boundary and the Channel Migration Zone, all regions still have extensive areas that may be subject to flooding or channel migration hazards.

2 Methodology

The land use mapping methodology was developed through a preliminary (Phase 1) study and coordination with the YRCDC Technical Advisory Committee (TAC). The Phase 1 study was completed in January 2012 and included mapping for four selected reaches (A14, B12, C3, and D6). These reaches represented a broad range of physical conditions and data quality. The results of this mapping served as a feasibility study prior to committing to mapping the entire corridor. Potential approaches to data development and analysis were demonstrated. Phase 1 also allowed for the development of a refined set of attributes that could be consistently applied across all years of mapping. This current (Phase 2) effort resulted in complete land use datasets from Gardiner to the confluence of the Missouri River in North Dakota for four time periods: 1950s, 1976, 2001, and 2011.

2.1 Approach

There were three core parts of this work:

1. Land use mapping,
2. Land use analysis, and
3. Integration into the Cumulative Effects Assessment Database.

2.1.1 Land Use Mapping

Mapping land use for the four time periods required the bulk of the project effort. ESRI ArcGIS software was utilized for all mapping and attributing processes. A custom set of tools were developed within ArcGIS to streamline the on-screen digitizing and attributing of land uses (Figure 1). This tool allowed the mapper to update multiple fields in all selected land use polygons with a single button click. For example, clicking the 'Pivot' button applied the following attributes for any selected polygons: LU1 = Ag, LU2 = AgLnd, LU3 = Irr, LU4 = P. This approach allowed the digitizer to focus on mapping consistency, while letting the custom tool handle the attribute management, ensuring database integrity by maintaining consistent, typo-free attributes throughout the datasets. The GIS data and associated attributes were maintained in ESRI Personal Geodatabases.

To ensure consistency throughout the data sets, one digitizer was used for all of the mapping. This allowed for a similar level of detail and uniform attribution in difficult situations. Most mapping was completed at approximately 1:6,000 for Park County and Region A, while 1:8,000 was more appropriate for the wider corridor and larger features found throughout Regions B, C and D. For key areas that required finer digitizing (e.g. agricultural infrastructure, road intersections, and other important difficult to detect features), a scale of approximately 1:2,000 was used to ensure that the feature was captured in the dataset. Typically, if a feature could not be easily mapped at the target mapping scale, it was not captured.

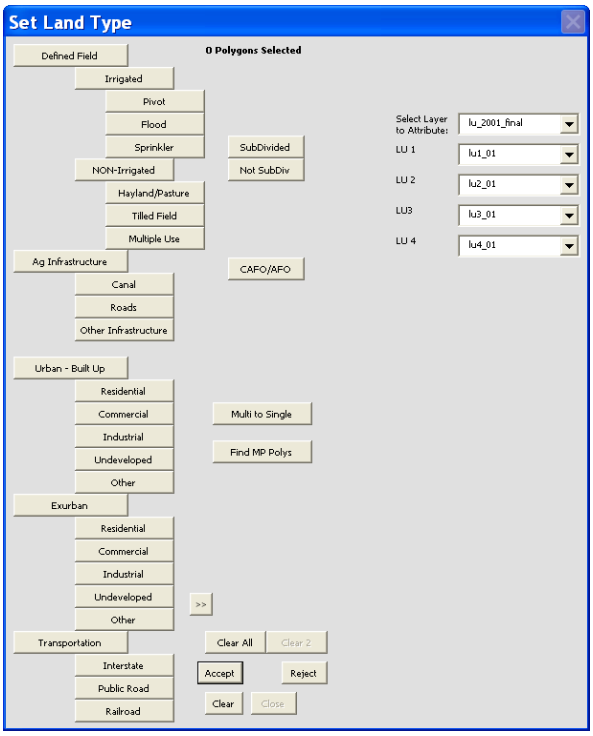


Figure 1. Custom ArcMap attributing tool for assigning land use categories.

The mapping extent is defined by the GIS-derived 100-yr Inundation Boundary plus a 500-meter buffer. This results in land use mapping of the active floodplain and the surrounding areas. It also results in a corridor that varies in width throughout the study area, thus reflecting the natural variability of the corridor width. The mapping extent is also influenced by the extent of available imagery for each time frame. While the imagery coverage is generally very good for each time frame, certain reaches have incomplete coverage for certain years. This is discussed in detail in Section 2.3.2. In total, approximately 700 square miles of area were mapped for each year.

Mapping was performed region by region. For each region, land use mapping started with the most current 2011 NAIP imagery. Each earlier mapping suite then started with the mapping that was just completed. Only those areas that showed a change in land use were modified. The positional accuracies for the most recent imagery (2011 NAIP and 2001 CIR) are both very good, with little to no positional shift notable between common features in the two image sets. The 1976 and 1950s image sets, however, were developed using basic image georeferencing (as opposed to the orthorectification used for the 2001 and 2011), making the positional accuracy of the resulting image mosaics somewhat lower. This positional accuracy tends to decrease the further from the river and in more complex terrain, resulting in features common across the datasets *appearing* to shift locations in the earlier imagery, even though they did not actually change in absolute location. To address these false positional shifts, the linework for unchanged features such as field boundaries, railroads, roads, and canals were not modified when mapping from the earlier imagery, even though they do not line up perfectly with the imagery. This removes false changes between land use categories resulting from the reduced spatial accuracy of the earlier image sets.

Each image suite uses the corresponding bankfull channel locations mapping from the Geomorphic Scope of Work as the internal mapping boundary. Thus, land use mapping ends at the mapped edge of the river for each time step. No bankfull polygon existed for the river from the 2011 NAIP imagery or for 1976 in Park County. These missing bankfull data sets were developed in this work scope, although no island areas were mapped due to budget limitations. This is discussed in greater detail later in this report.

Differences in image quality, timing, and crop cycles create challenges when interpreting land use from historic imagery. All available information was used to assist in making borderline decisions between land uses. For example, distinguishing between irrigated and non-irrigated land in 1976 and 1950 was often challenging. Often the current Department of Revenue Final Land Use (FLU), the Department of Natural Resources Water Resources Survey (WRS), and visual clues were combined to make a determination. For example, if a given parcel was identified as Flood (Irrigated) in the FLU (2009), and it looked similar in the 2001 imagery, then Flood was kept as the 2001 attribute. This was repeated for the 1976 and 1950's datasets using whatever information (crop patterns, ditch networks, infrastructure, associated land uses, etc.) was visually detectable.

2.1.2 Land Use Analysis

Analyzing the resulting land use mapping data for trends and formatting it for the Cumulative Effects Assessment database was the second task in this scope of work. The specifics of the analysis are discussed in Section 3. The land use mapping was assessed for trends within regions, reaches, reach types, location inside or outside the 100-year inundation boundary, correlation with mapped physical features, association with mapped riparian areas, and subdivisions.

ESRI ArcGIS was used to union each of the required datasets (four years of land use mapping, riparian mapping, inundation boundary, subdivisions, etc.) into a master analysis dataset that contained both the linework and attributes of each of the contributing data sets. This combined dataset contains over 200,000 polygons defining all areas within the study bounding polygon. The attribute table was then imported into a Microsoft Access database where a series of queries were used to add and calculate additional attributes, reformat the data, and summarize the data into a format suitable for analysis in Microsoft Excel. For example, any record that was attributed such that no imagery was available for a time period was excluded from the output, polygon areas in meters were converted to acres, and records that had the same attributes were combined into a single record with a summed area to reduce the number of records that were exported to Excel. Within Excel, the data were further summarized using Pivot Tables and Charts.

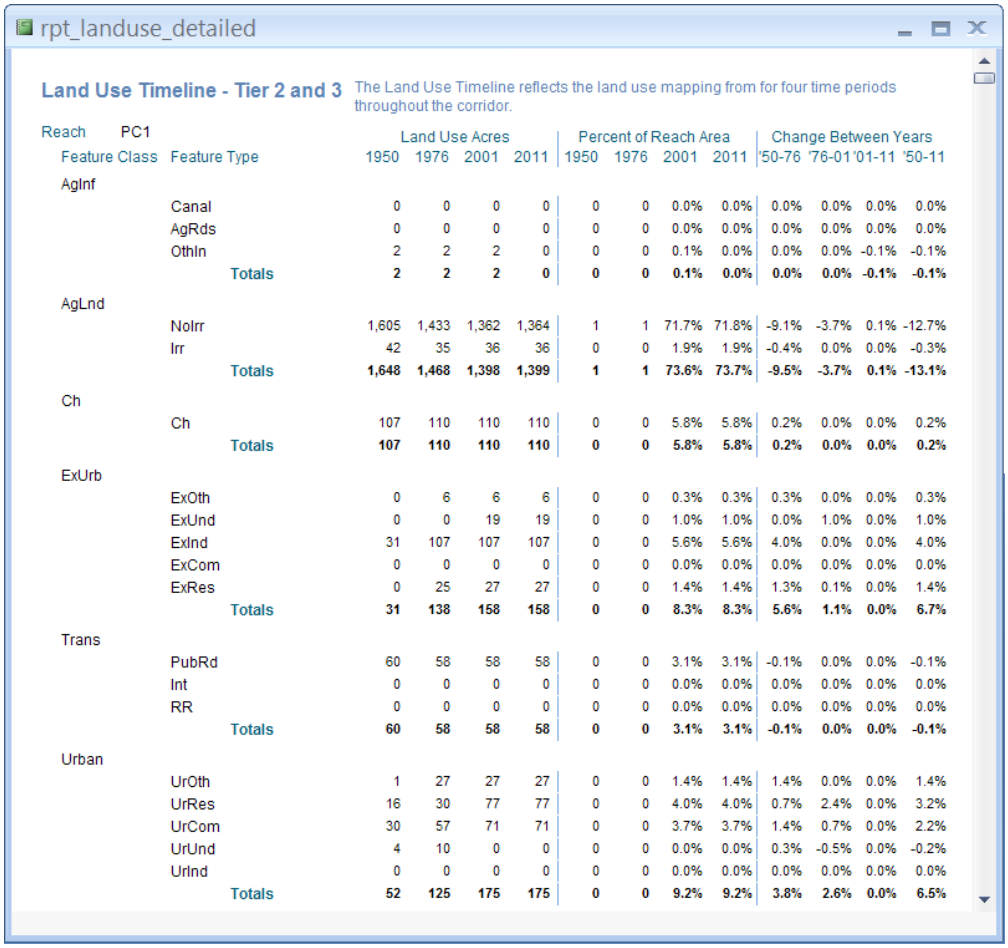
As with the other studies within the Yellowstone Cumulative Effects Study, land use analysis is complicated and constrained by the input datasets. The following issues should be noted:

1. There is not 100% imagery coverage for the entire corridor (Section 2.3.2 and Figure 2). Thus, the common footprint formed by the imagery is the extent of the analyzable data. Any given reach may have complete coverage for any given year, but only the area common to all the image suites can be assessed for change between years. The land use analysis acknowledges this issue by excluding any areas that do not have complete coverage from calculations.

2. This work scope is the first to utilize the 2011 NAIP imagery as the "current" conditions. The 2011 bankfull channel needed to be digitized to allow land use mapping up to the edge of the channel. Similarly, there was no 1976 bankfull channel for Park County and this was developed prior to starting mapping. No islands were mapped for these new bankfull channel data sets due to budgetary constraints. For reaches with broad floodplains with braided or anabranching channels, this results in all island areas included as part of the channel area. For certain reaches, this can comprise a significant amount of area. To keep the analysis consistent between years, any area that was mapped "Channel" or "Island" in any year was removed from the analysis dataset. In most cases this simply removed mapped "Multiple-Use" land uses, but in some areas key land use changes between years do not show up in the results because at some time they were mapped as either channel or island.
3. The physical features datasets are not complete throughout the corridor. The 2001 Physical Features Inventory has the most extensive coverage, all but Park County, but it has no temporal coverage. The Physical Features Timeline has detailed mapping for 1950, 1976, and 2001, but not 2011, and it is only available for Stillwater, Yellowstone and Dawson Counties. The corridor has seen continued development since the 2001 inventory and a complete "current" inventory using the 2011 NAIP imagery should be considered.

2.1.3 Integration with the Cumulative Effects Database

The work scope included integrating the resulting land use mapping data into the Yellowstone River Conservation Districts Council (YRCDC) Cumulative Effects Assessment (CEA) GIS and associated reach-based database (CEA Atlas/Reach Narratives). The land use data analysis consisted of assessing land use against a large variety of corridor data sets. Each analysis was unique and often ended up with a unique data structure in order to support the analysis. Attempting to include each of these analyses in the CEA Atlas database would require including each of the summary tables used to generate each table or graph within the database and creating a supporting database report in order to present each piece of information. As such, only the reach-based summary statistics of the core land use data, percent of reach area, and change between years shown in Appendices B and C were passed to the database. Figure 2 shows a part of the land use section of the PC1 reach narrative. Key reach-specific information resulting from the land use analysis such as loss of habitat to higher levels of land use can be added to the reach narrative when each reach is addressed with a detailed review for the CEA study.



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Land Use Timeline - Tier 2 and 3 The Land Use Timeline reflects the land use mapping from for four time periods throughout the corridor.

Reach PC1

Feature Class	Feature Type	Land Use Acres 1950	1976	2001	2011	Percent of Reach Area 1950	1976	2001	2011	Change Between Years '50-76	'76-01	'01-11	'50-11
AgInf													
	Canal	0	0	0	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	AgRds	0	0	0	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	OthIn	2	2	2	0	0	0	0.1%	0.0%	0.0%	0.0%	-0.1%	-0.1%
	Totals	**2**	**2**	**2**	**0**	**0**	**0**	**0.1%**	**0.0%**	**0.0%**	**0.0%**	**-0.1%**	**-0.1%**
AgLnd													
	NoIrr	1,605	1,433	1,362	1,364	1	1	71.7%	71.8%	-9.1%	-3.7%	0.1%	-12.7%
	Irr	42	35	36	36	0	0	1.9%	1.9%	-0.4%	0.0%	0.0%	-0.3%
	Totals	**1,648**	**1,468**	**1,398**	**1,399**	**1**	**1**	**73.6%**	**73.7%**	**-9.5%**	**-3.7%**	**0.1%**	**-13.1%**
Ch													
	Ch	107	110	110	110	0	0	5.8%	5.8%	0.2%	0.0%	0.0%	0.2%
	Totals	**107**	**110**	**110**	**110**	**0**	**0**	**5.8%**	**5.8%**	**0.2%**	**0.0%**	**0.0%**	**0.2%**
ExUrb													
	ExOth	0	6	6	6	0	0	0.3%	0.3%	0.3%	0.0%	0.0%	0.3%
	ExUnd	0	0	19	19	0	0	1.0%	1.0%	0.0%	1.0%	0.0%	1.0%
	ExInd	31	107	107	107	0	0	5.6%	5.6%	4.0%	0.0%	0.0%	4.0%
	ExCom	0	0	0	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	ExRes	0	25	27	27	0	0	1.4%	1.4%	1.3%	0.1%	0.0%	1.4%
	Totals	**31**	**138**	**158**	**158**	**0**	**0**	**8.3%**	**8.3%**	**5.6%**	**1.1%**	**0.0%**	**6.7%**
Trans													
	PubRd	60	58	58	58	0	0	3.1%	3.1%	-0.1%	0.0%	0.0%	-0.1%
	Int	0	0	0	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	RR	0	0	0	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Totals	**60**	**58**	**58**	**58**	**0**	**0**	**3.1%**	**3.1%**	**-0.1%**	**0.0%**	**0.0%**	**-0.1%**
Urban													
	UrOth	1	27	27	27	0	0	1.4%	1.4%	1.4%	0.0%	0.0%	1.4%
	UrRes	16	30	77	77	0	0	4.0%	4.0%	0.7%	2.4%	0.0%	3.2%
	UrCom	30	57	71	71	0	0	3.7%	3.7%	1.4%	0.7%	0.0%	2.2%
	UrUnd	4	10	0	0	0	0	0.0%	0.0%	0.3%	-0.5%	0.0%	-0.2%
	UrInd	0	0	0	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Totals	**52**	**125**	**175**	**175**	**0**	**0**	**9.2%**	**9.2%**	**3.8%**	**2.6%**	**0.0%**	**6.5%**

Figure 2. A portion of the database-produced reach narrative for PC1 showing the Tier 2 and Tier 3 land use mapping results.

2.2 Mapping Schema

The mapping attribute schema (Table 1) was developed through the land use mapping pilot study (Phase 1), along with some final adjustments that were introduced at the beginning of this full study. The nested schema allows the resulting mapping to be analyzed at a variety of scales. The modifiers were added after the mapping was complete by overlaying the land use data with other corridor data sets. Additional modifiers introduced for analysis include: low flow fish habitat (2001 only), and riparian mapping (1950s, 1976, and 2001).

Tier 1 (LU1)	Tier 2 (LU2)	Tier 3 (LU3)	Tier 4 (LU4)
Agricultural (AG)	Agricultural Land (AgLnd) (Areas that show defined field boundaries, usually due to tilling, cropping, or other practices.)	Irrigated (Irr) (Determined by visual clues and associated data sets)	Pivot (P)
			Sprinkler (S)
			Flood (F)
		Non-Irrigated (NoIrr) (Determined by visual clues and associated data sets)	Hayland/Pasture (HayPas)
			Tilled Field (Till)
			Multiple Use (Multi)
	Ag Infrastrucure (AgInf)	Canal (Can) (Clearly-defined irrigation canals. Minor distribution ditches are not included)	
		Roads (AgRds) (interpreted as non-public)	
		Other (OthIn) (Feed Lot, Storage Bins, Corrals, Equipment Lots, etc.)	
Non-Agricultural (NonAG)	Urban (Urban) (Within or associated with city limits. Note that boundaries do not exist for most cities.)	Residential (UrRes) (Determined by photo interpretation. Includes surface raods.)	
		Commercial (UrCom) (Central business districts as determined by photo interpretation)	
		Industrial (UrInd) (Larger buildings, lots, etc.; usually on the edges of Commercial areas or city limits.)	
		Undeveloped (UrUnd) (Undeveloped land nested within largely urban development)	
		Other (UrOth) (Park, Golf Course, Race Track, etc.)	
	Exurban (ExUrb) (Outside city limits. Note that boundaries do not exist for most cities.)	Residential (ExRes) (Determined by photo interpretation. Includes surface raods.)	
		Commercial (ExCom) (Central business districts as determined by photo interpretation)	
		Industrial (ExInd) (Larger buildings, lots, etc.; usually on the edges of Commercial areas or city limits.)	
		Undeveloped (UrUnd) (Undeveloped land nested within largely urban development)	
		Other (ExOth) (Park, Golf Course, Race Track, etc.)	
	Transportation (Trans) (Only public or interpreted key connector roads)	Interstate (Int)	
		Public Road (PubRd) (May be paved or un-paved)	
		Railroad (RR)	

Table 1. Yellowstone River Land Use Mapping Schema.

2.3 Data

This study relies on an extensive suite of existing data compiled for the Yellowstone River CEA over the past ten years. These are detailed in the following sections.

2.3.1 Yellowstone River Reach Delineations

Based on a classification system developed for the project, the river has been divided into 88 reaches between Gardiner, MT and the confluence with the Missouri River in North Dakota (AGI and DTM, 2004; DTM and AGI, 2007). These reaches average approximately 7 miles in length, and the classification applied to each reflects conditions such as stream pattern (number of side channels, sinuosity), and confinement (presence of bedrock). Appendix A contains a list of project reaches and their general locations.

Over the channel extent represented by the 88 reaches, the physiography of the Yellowstone River and its tributaries transitions from steep, confined mountainous areas to plains conditions. As part of the geomorphic reconnaissance study (AGI and DTM, 2004; DTM and AGI, 2007), the corridor was subdivided into five regions, and reaches are identified with respect to their region).

- Park County: Extends from near Gardiner, Montana downstream to the Park/Sweetgrass County Line and contains 21 reaches (PC1 through PC21). This region includes the Paradise Valley, and the city of Livingston, and reflects earlier work overseen by the Upper Yellowstone River Task Force.

- Region A: From Springdale to the Clarks Fork of the Yellowstone confluence near Laurel, the river contains a total of 18 reaches (A1 through A18). These reaches are typically anabranching (supporting long side channels separated from the main channel by wooded islands), or braided (supporting split flow channels around open gravel bars). The reaches are typically "partially confined", indicating that the bedrock valley wall commonly affects one bank of the river. The low terrace commonly follows the channel edge, and a few exposures of high terrace form the modern channel margin.

- Region B: Between the Clarks Fork confluence and the Bighorn River confluence, the river contains 12 reaches (B1 through B12). Reach types are variable, ranging from straight to braided. Similar to Region A, bedrock valley wall controls are intermittent. Both low terrace and high terrace features locally form the channel bankline.

- Region C: Between the Bighorn River and the Powder River, Region C consists of a lower gradient system that supports a wide range of reach types. A total of 21 reaches (C1 to C21) have been identified in Region C, and these reaches range from unconfined, multi-thread channels in the Mission and Hammond Valleys, to highly confined areas downstream of Miles City.

- Region D: Below the Powder River confluence, Region D contains 16 reaches (D1 to D16). Above Fallon the channel is intermittently confined by bedrock bluffs and strath terraces (a bedrock terrace with an alluvial cap). Downstream of Fallon, confinement is reduced, and broad islands are common.

2.3.2 Historic Imagery

With the exception of the 2011 NAIP imagery, the imagery used for the land use mapping was the same as that used for the other scopes of work. Some of the imagery series are compiled from multiple sources that may be from different years. For convention, the image series have been named according to the dominant year of the imagery. For example, the 1950s imagery is actually comprised of imagery from 1948 and 1950, but since no major hydrologic event occurred between during this time period, the conditions in the imagery can safely be integrated to represent a single time period. Table 2 lists the imagery sources used throughout the CEA study.

Series	Source	Years	Type	Notes
2011	2011 NAIP - USDA	2011	Color	100% coverage for the study corridor
2001	2001 corridor flight	2001 – Regions A – D 1999 – Park County	2001 - Color Infra-red 1999 – Black and White	
1976	Scanned and mosaiced from a variety of sources	1976	Black and White	No coverage for North Dakota (D15 and D16)
1950	Scanned and mosaiced from a variety of sources	1948 and 1950 – Regions A – D 1948 – Park County	Black and White	

Table 2. Imagery sources.

In some cases the extent of the imagery does not cover the entire study area (100-yr inundation boundary plus a 500-meter buffer). This is most pronounced in the 1976 data set and in the lower reaches of the river. In 1976, there is no coverage for reaches D15 and D16 in McKenzie County, North Dakota (Figure 3).

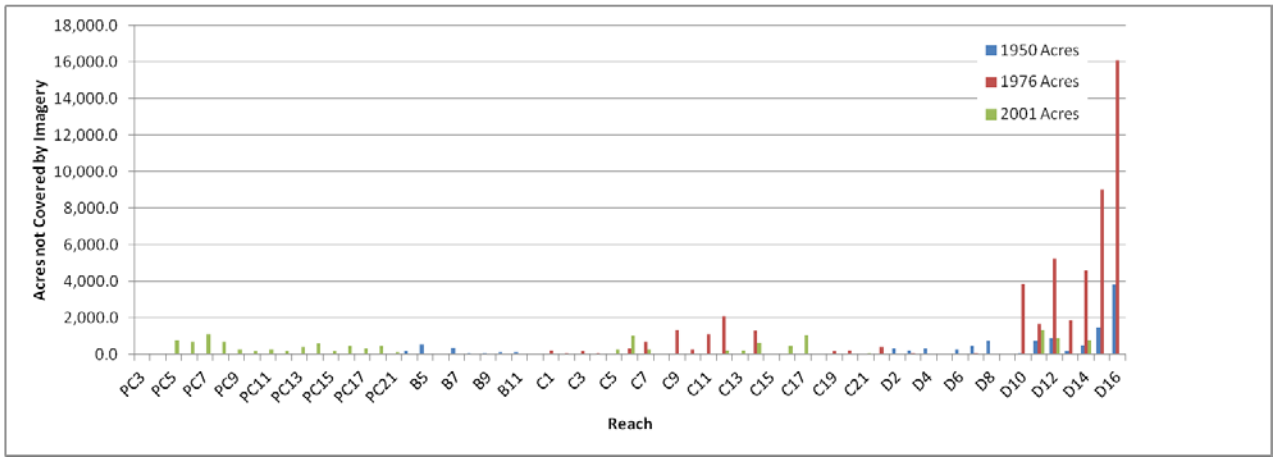

Figure 3. . Total area in each reach not covered by imagery.

The imagery becomes consistently more challenging to interpret moving back in time due to:

- Image quality: The resolution and contrast quality decrease from 2011 to 1950,
- Image type: color - 2011, color infra-red - 2001, and black and white – 1976 and 1950,
- Seasonal Timing – the image series were taken at different times of the year and under different flow conditions. This occurs both within a series and between series. In one case, there are several reaches that even have fall imagery after leaf off. Climatic variability (water year) and timing of imagery collection can also impact the appearance of land use, especially in areas that are occasionally irrigated.
- Crop Cycles - A land use for any piece of land may appear different depending on where it is in a cropping cycle.

To improve mapping accuracy in the earlier data series, the mapping was completed by region, starting with 2011, and then working sequentially back in time to 2001, 1976, and 1950. This allowed the mapping of earlier time frames to benefit from the additional detail and supporting data available for the more recent time frame. It also allowed the mapper to develop an intimate, reach-by-reach understanding of the land use characteristics and trends within a region.

2.3.3 Mapping Extent

The outer mapping boundary was generated by creating a 500 meter buffer surrounding the GIS-modeled 100-year inundation boundary. All land use mapping ended at this boundary. Areas within this boundary that did not have imagery coverage were attributed as "OUT" (Figure 4) so they could be excluded from analysis.

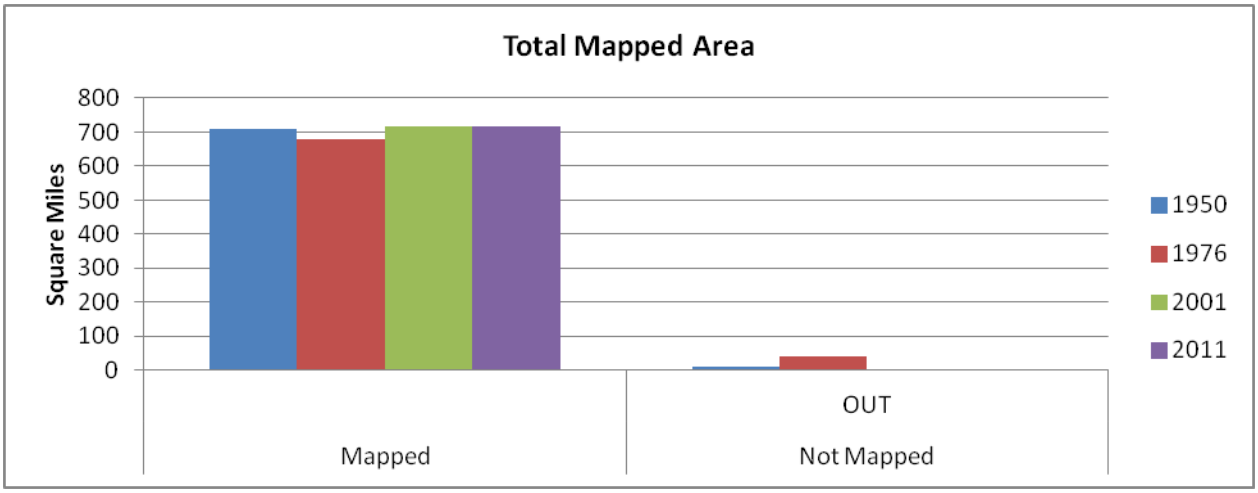

Figure 4. Total mapped area for each data series.

2.3.4 Bankfull Polygons

Bankfull polygons were mapped from each series of imagery as part of the Geomorphic Scope of Work (AGI and DTM, 2004; DTM and AGI, 2007). Bankfull is defined as the interpreted wetted area during a bankfull flow event and is characterized as the line defining open bar areas and established woody vegetation. The inner mapping boundary was defined by the outermost line of each year's associated bankfull polygon.

The 2011 time step is new to the Cumulative Effects Assessment and the bankfull polygons had to be digitized prior to starting land use mapping. The existing 2001 bankfull polygons were copied and modified to create the new 2011 bankfull polygon dataset based on the conditions in the 2011 NAIP imagery. This only included the outer bankline as defined by interpreted bankfull conditions. No island areas were mapped. Note that this does result in extensive "channel" areas in braided and anabranching reaches resulting from the lack of mapped island areas within the outer bankline boundaries. Additionally, the flow conditions in the 2011 NAIP imagery varied dramatically throughout the corridor due to the high flows resulting from record snowpack conditions. Park County and Reach A generally show below bankfull conditions in the imagery. Reach B represents approximately bankfull conditions. And Reaches C and D show bankfull to above bankfull conditions. The high ground water and extensive standing water further complicate the image interpretation required to create consistent bankfull mapping for 2011. The resulting mapping shows a conservative interpretation of bankfull conditions and channel shifts where only the obvious deviations from the 2001 bankline mapping were included in the new 2011 bankline mapping.

Similarly, the 2001 bankfull banklines were used in Park County as a starting place for creating a 1976 bankfull bankline.

Neither the new 2011 full-river nor 1976 Park County bankfull polygon datasets include mapped islands. Without the mapped islands for all areas and for all years, it is impossible to include the cumulative footprint of the river in any land use change analysis across the full data set. As such, all analysis excludes any changes that occurred within the cumulative footprint of the river. In most cases this should not significantly change the land use trend analysis, as most of the island areas would be mapped as Multiple-Use anyway and do not change in land use through the photographic time sets. Where this might be a problem is where a river has either avulsed a large area that was being used for agricultural fields, or a channel was abandoned due to natural or human activity and that area is now being actively used for some key land use (e.g. Reach B1 where the dike cut off a large area of active channels that are now being used as gravel pits, grazing, and other uses).

2.3.5 Riparian Vegetation

In 2008, DTM Consulting, Inc. was contracted to develop consistent riparian mapping for the Yellowstone River Corridor. This mapping effort consisted of digitizing vegetation polygons using the 1950's, 1976, and 2001 aerial imagery in GIS format. The polygons were digitized at a scale of approximately 1:7,500, with a minimum mapping unit of approximately 10 acres. The goal of the delineation was to capture areas of similar vegetation structure as they appeared on the aerial imagery, while maintaining a consistent scale.

Four riparian vegetation classes were developed for the mapping effort (Herbaceous, Shrub, Open Timber and Closed Timber). These classes were determined to be the highest level of detail permitted by all suites of imagery. The riparian datasets reflect *land cover*, as opposed to the *land use* data generated by this study.

2.3.6 Water Resources Survey

The Water Resources Survey for Montana is a county-by-county inventory of historic water usage in Montana. The surveys were completed at various times between 1943 and 1971 (DNRC, 2012) (Table

3). The mapping data that accompanied the reports was compiled into a GIS data set by the DNRC. The spatial accuracy and completeness of these data is highly variable throughout the study area. The variability in survey dates also makes it challenging to rely on these data for determination of irrigation status on any given piece of land for any suite of imagery. However, it can be used as a guideline to indicate whether a given field or land area has received active irrigation. Note that no similar product for North Dakota was identified.

County	Published Date
Park, MT	1951
Sweet Grass, MT	1950
Stillwater, MT	1946
Yellowstone, MT	1943 (No WRS for B4 – B12)
Treasure, MT	1951
Rosebud, MT	1948
Custer, MT	1948
Prairie, MT	1970
Dawson, MT	1970
Richland, MT	1971
McKenzie, ND	No similar product identified

Table 3. Water Resources Survey publication dates.

2.3.7 Montana Department of Revenue – Final Land Use (FLU)

As part of the 2009 land use reappraisal, the Montana Department of Revenue (DOR) developed a statewide data set of agricultural lands. This polygon dataset started as the United States Department of Agriculture (USDA) Common Land Use mapping and was modified by DOR personnel through image interpretation and land owner review to provide consistent mapping of active agricultural lands, including: pivot, sprinkler, and flood irrigation, hay land, and fallow fields.

The resulting Department of Revenue Final Land Use (FLU) dataset was used as the starting point for mapping land use. This data set contains mapped field boundaries as they relate to taxable agricultural land value for the 2009 appraisal. Only the defined agricultural fields (irrigated and non-irrigated were utilized. These areas were given the appropriate Tier 1 – 4 attributes from the land use mapping schema. All areas other than defined fields were generally mapped as Grazing for the appraisal process; as such, they were left unattributed when creating the land use mapping initial dataset. Most of the narrow gaps between fields were removed by merging the field gap in with the adjacent polygons to reduce the complexity of the land use polygons and to reflect the target mapping scale.

2.3.8 Physical Features

Physical Features were mapped for Regions A through D by the Natural Resources Conservation Service based on the 2001 color-infrared photography. This resulted in the 2001 Physical Features Inventory. In 2008 a more detailed inventory of physical features for Stillwater, Yellowstone and Dawson Counties was conducted, including an assessment of the development of physical features over time. This effort is known as the Physical Features Timeline (DTM and AGI, 2008).

2.3.9 Montana Framework Data Layers

As discussed later in the Methodology section, a variety of Montana Framework Data layers were utilized to define the starting conditions for mapping. These data layers are actively maintained by various state agencies and provide the most current statewide spatial data available. Two primary Framework Data Layers were utilized: Transportation and Cadastral.

2.3.9.1 Transportation

The Transportation Framework data layer is maintained by the Montana State Library. The railroad and primary road corridors were utilized to define the primary transportation corridors within the study area.

The attribution of the transportation features in the Framework layer is fairly inconsistent, making it impossible to simply query out the features such as interstates, primary roads, secondary roads, and railroads. To address this, the data set was filtered to include only the main roads and highways that were easily identified by their attributes (e.g. US Hwy, Interstate, etc.). Then additional roads were manually added to the selection to pick up key roads that were not directly queryable. The roads and railroad were then buffered to generate a corridor for each of the selected features. The resulting transportation polygons were then overlaid with the land use mapping starting data set, replacing any mapped fields from the Department of Revenue Final Land Use (FLU) data. Areas where the resulting transportation polygons overlapped the 2011 banklines (e.g. the transportation polygon intersected mapped channel due to positional errors in the input data sets) were cropped out of the transportation polygons, thus ensuring the integrity of the bankline mapping. In some cases where the cropping process resulted in discontinuous transportation polygons, the transportation polygon was then manually digitized to ensure that the footprint of the road or railroad feature was included in the land use mapping.

2.3.9.2 Cadastral/Subdivisions

The Cadastral Framework Data Layer is also maintained by the Montana State Library. The polygon data layer represents platted property subdivisions, along with some associated attributes such as taxable value, owner, and type (residential, commercial, etc.). This, along with the associated CAMA (Computer Assisted Mass Appraisal) database can be helpful for determining the type of property the parcel represents, though it is only as good as the associated attributes and only represents a point in time.

Use of these data in the analysis are discussed in greater detail in Section 3.4.

3 Analysis

Analysis of the resulting land use datasets was performed at a variety of scales and in relation to a variety of other key corridor datasets. Most of the analysis focused on changes from a lower level use to a higher level use. For example, changes from Non-Irrigated Multiple-Use to Irrigated Agricultural production or from Agricultural production to Exurban or Urban uses. These changes represent more intensive use of the land that may or may not impact the river itself. Additionally, changes were assessed in relationship to river processes as reflected by the geomorphic reach type, relationship to the flood-prone area, or relationship to mapped channel migration hazards. In most cases the discussions target broader trends shown in the data. This reflects the level of investigation seen in past work scopes. Reach-specific investigations have been addressed in the development of the Reach Narratives where they can be discussed in both local and regional contexts.

3.1 Land Use vs. 100-year Inundation Area

In 2007 a GIS-derived 100-year inundation boundary was developed to assess land areas that were subject to inundation during a 100-year runoff event (DTM, 2007). The 100-year boundary was a static model based solely on elevation and calculated stage. The resulting inundation area is blind to structures such as dikes and levees, thus defining potentially inundated areas that that may not show up using traditional flood modeling. The 100-year inundation boundary is useful for identifying areas that were at one time part of the active floodplain and are now isolated, as well as those areas that are still part of the active floodplain. Land use and land use conversions were assessed according to whether they are located inside or outside of the 100-year inundation boundary and thus subject to potential flooding.

Tier 1 land use attributes divide the mapped area into Agricultural (Ag) and Non-Agricultural (NonAg) land uses. Figure 5 shows the distribution of Tier 1 land use by region and whether it is inside or outside of the 100-year inundation boundary. For Park County, Region A, and Region B, a steady decline in the Agricultural land uses and a corresponding increase in Non-Agricultural uses is evident both inside and outside the 100-year inundation boundary. Regions C and D show little change. Note that the dip in Region D for 1976 is because Reaches D15 and D16 were not mapped in 1976 due to lack of imagery.

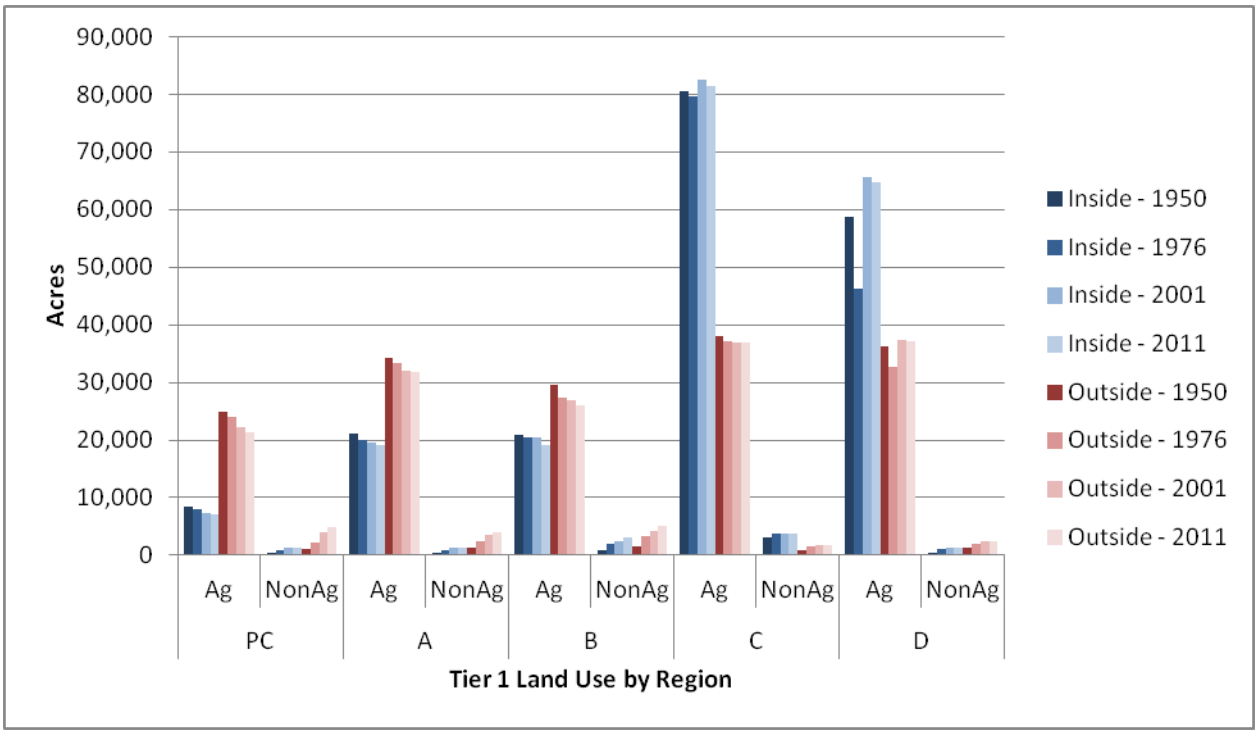

Figure 5. Tier 1 land use (Agricultural vs. Non-Agricultural) by region inside and outside of the mapped 100-year inundation boundary.

The next series of charts only look at the area inside of the inundation boundary at the Tier 2 level of classification. The data show that the decrease in Agricultural lands is result of conversion to Urban, Exurban, or Transportation land uses. Figure 6 through Figure 10 show the breakdown by reach. In general, reaches in Park County and Regions A and B show a decline in Agricultural land uses, whereas reaches in Regions C and D show relatively little change in the extent of Agricultural lands, or in a few cases they show an increase.

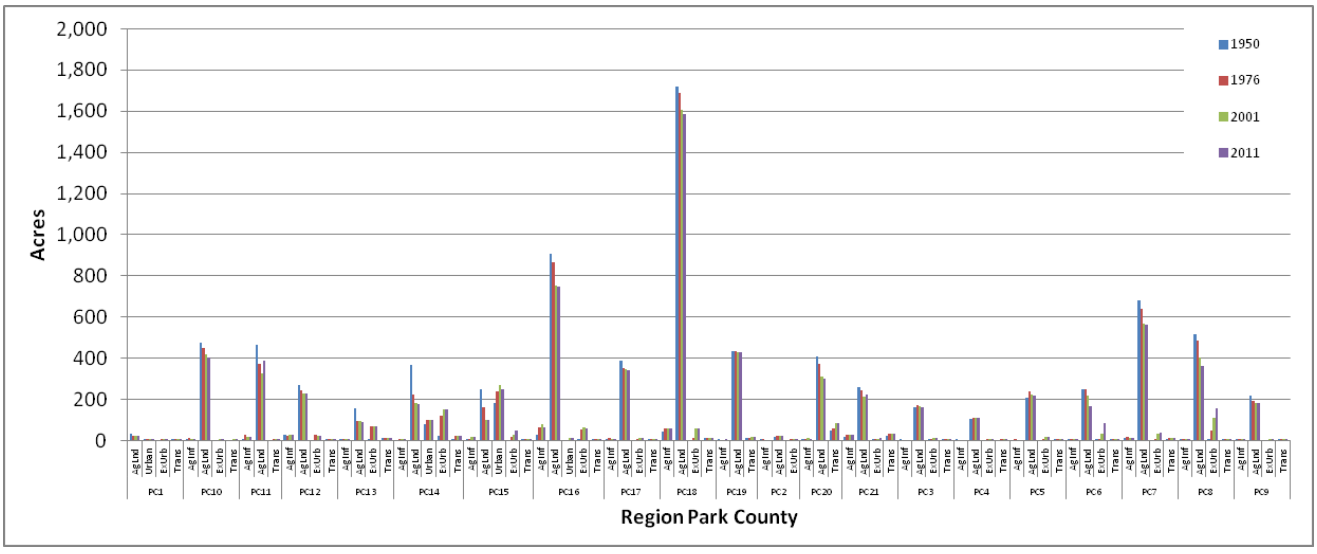

Figure 6. Tier 2 land use within the 100-year inundation boundary, Park County.

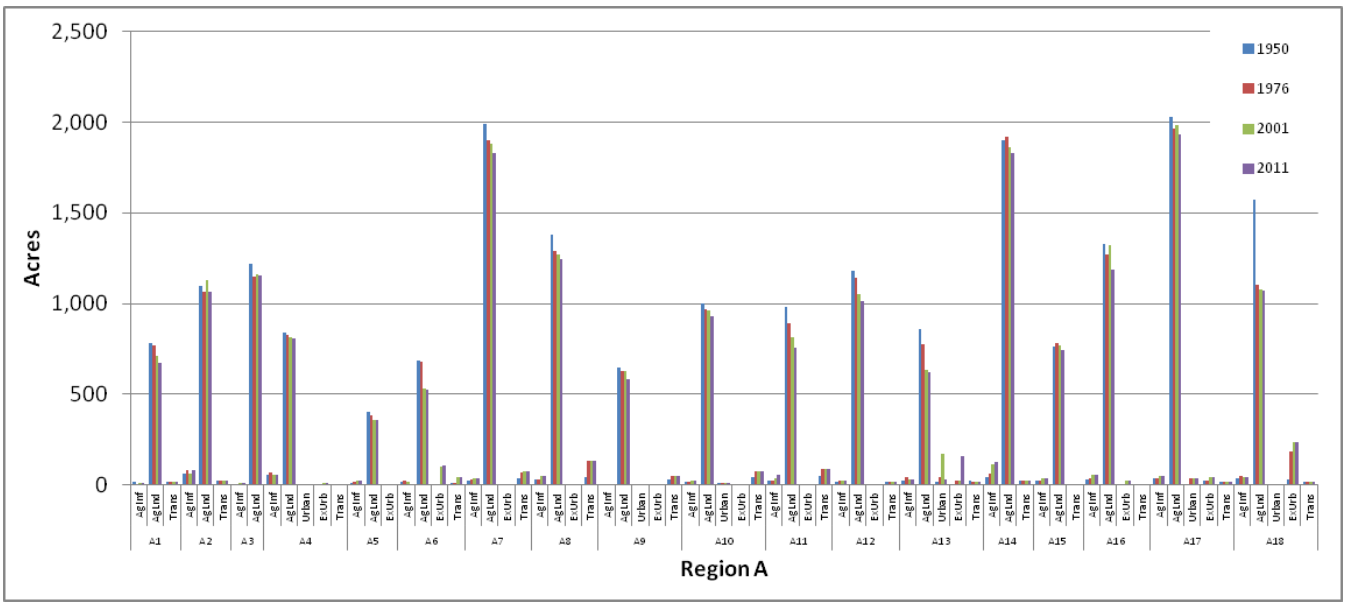

Figure 7. Tier 2 land use within the 100-year inundation boundary, Region A.

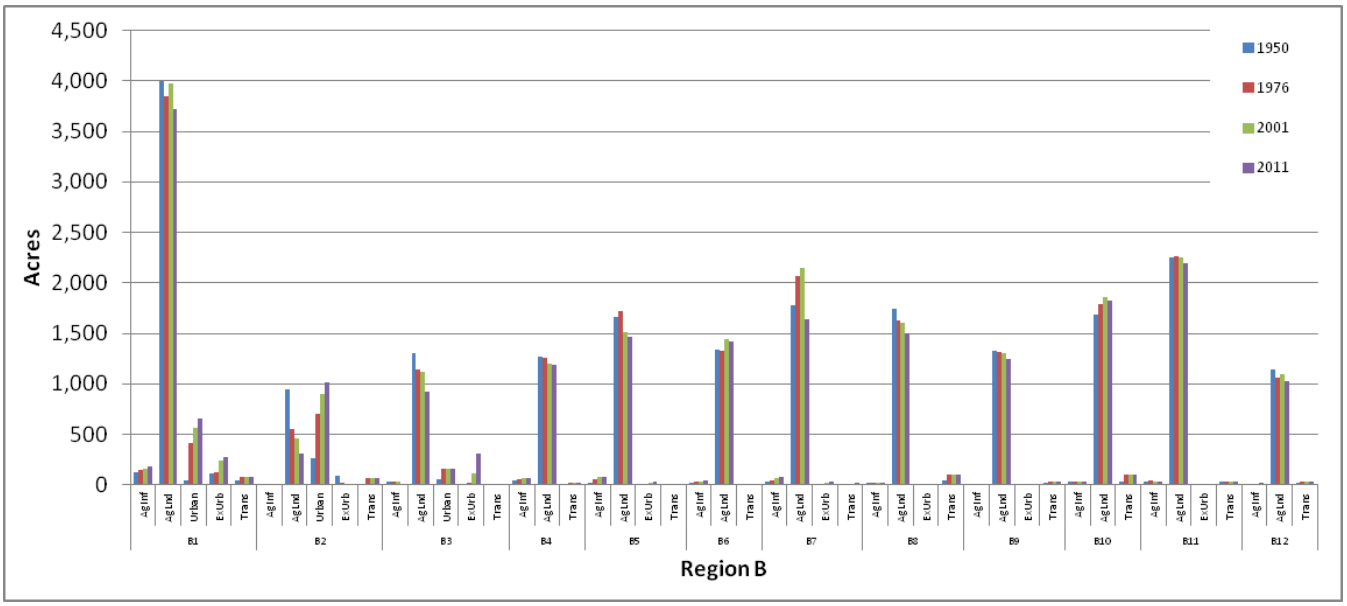

Figure 8. Tier 2 land use within the 100-year inundation boundary, Region B.

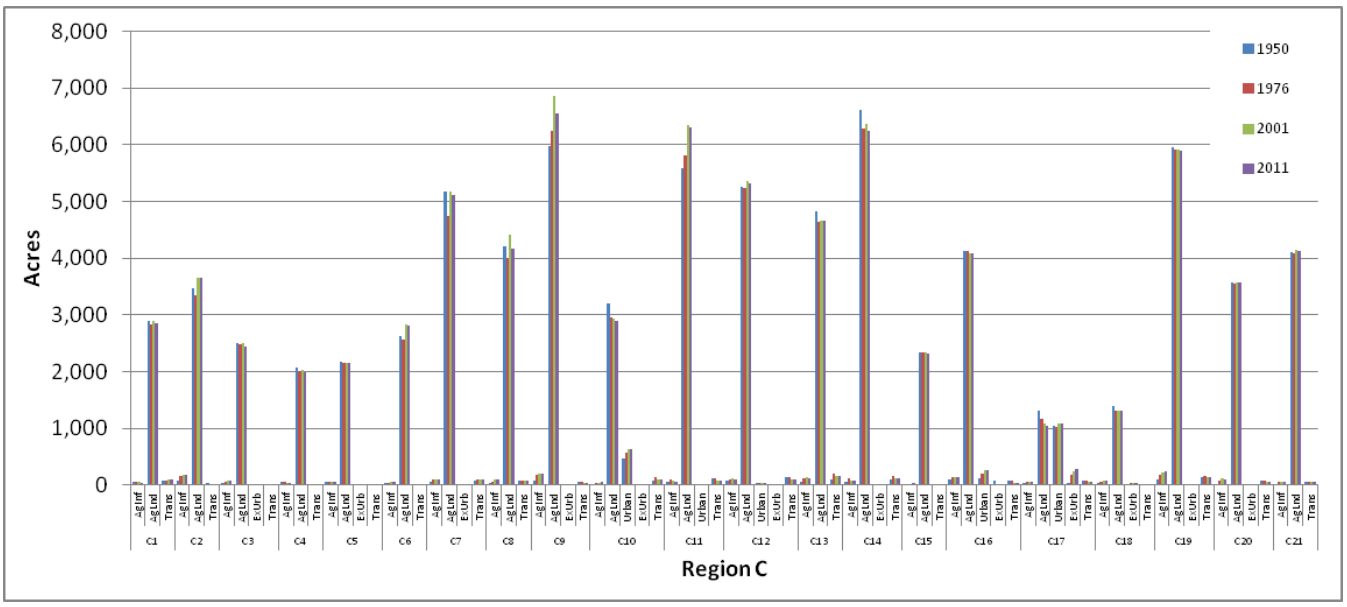

Figure 9. Tier 2 land use within the 100-year inundation boundary, Region C.

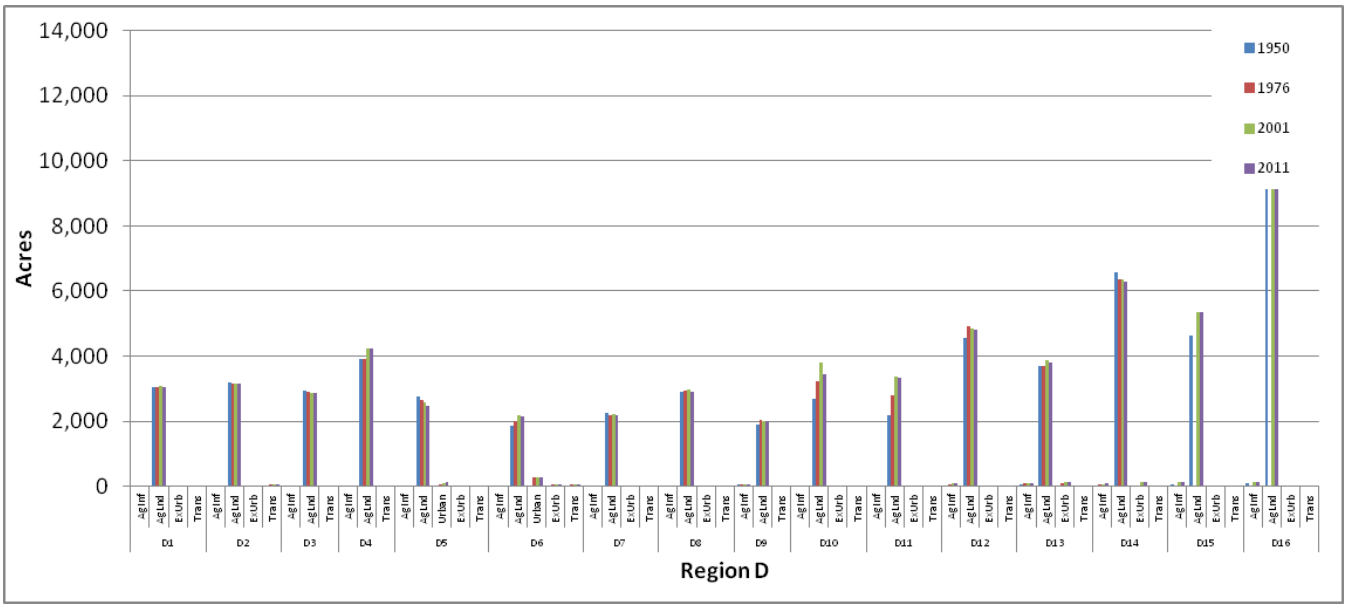

Figure 10. Tier 2 land use within the 100-year inundation boundary, Region D.

3.2 Land Use vs. Physical Features

The term *physical features*, as used here, pertains primarily to flood and erosion control structures. Physical features are often installed to restrict the migration of banklines into important land uses behind the features. Understanding this relationship is important to determining the drivers behind bank protection efforts and to help develop management practices that support both the land owners and the health of the river system.

To address this issue a GIS analysis of the types of land use within local proximity to each physical feature was conducted. While the 2001 Physical Features Inventory is the most complete mapping of features throughout the river corridor (Park County was not included in the 2001 Inventory), the Physical Features Timeline (PFTL) provided temporal mapping of physical features for Stillwater, Yellowstone, and Dawson Counties. There is corresponding Land Use mapping for these counties for each step in the PFTL, also. Thus, using the PFTL and Land Use mapping for analysis allows for a temporal assessment of physical feature development in the corridor.

There are several challenges with correlating the physical features mapping to land use:

- The mapped physical features are not coincident with the bankline mapping. As such, it is impossible to rely on the intersection of the physical feature line with the land use polygon to assign land use to a feature.
- Often a physical feature may be associated with more than one land use. This may be due to the land use changing along the length of a feature, or from a situation where there are concentric land uses that parallel the river bank or physical feature. For example, a single feature may protect a road along the bank and the irrigated field on the other side of the road.
- Often there is a narrow band of either Multiple-Use or mapped channel land use between the mapped physical feature and the key land use it is protecting (Figure 11). As such, both the Multiple-Use and Channel land use types were excluded from the analysis.

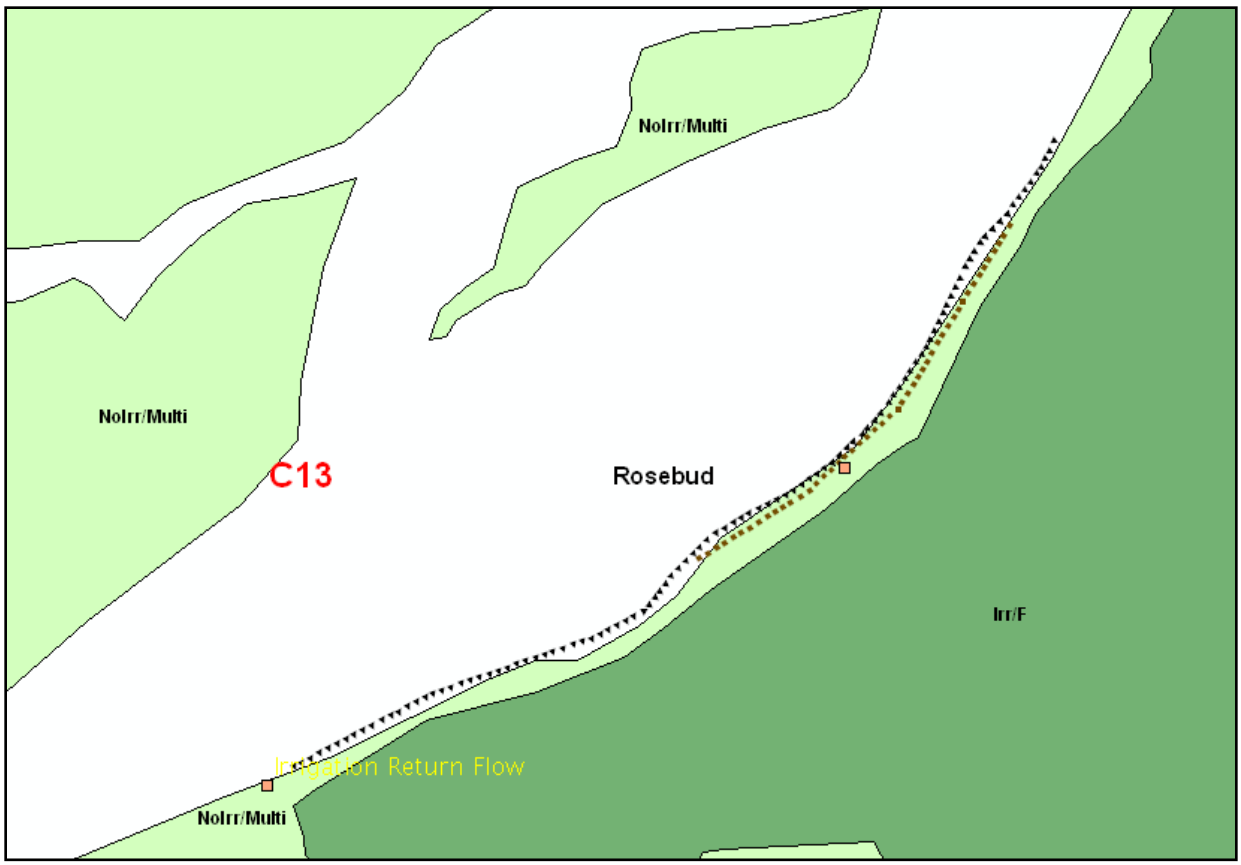

Figure 11. Narrow bands of either channel or Multiple-Use land use mapping often exist between the physical feature and the land use it is primarily protecting.

Two approaches were used to work around the data challenges:

1. In the first approach, the Physical Features Timeline mapping for Stillwater, Yellowstone, and Dawson counties (DTM and AGI, 2008) was used to provide temporal information about the distribution of physical features and their relationship to the mapped land use at the time. This analysis uses the area of each land use within a ten-meter buffer of each Physical Features Timeline (PFTL) feature as a surrogate for actual feature length (Figure 12). This strategy allows for the assessment *all* of the land uses potentially associated with the physical features and the calculation of an estimated length of influence for each land use category. Figure 12 shows a section of bank protection that is protecting Exurban Residential, Public Road, Irrigation, and Infrastructure. A "functional" feature length was generated by comparing the area of each land use in the buffer as a percentage of the total area within the ten-meter buffer area associated with a given feature. Only the Stream Stabilization features from the PFTL were used. This analysis is detailed in Section 3.2.1

Figure 12. A physical feature may protect more than one land use.

2. The second approach used the Stream Stabilization features from the 2001 NRCS Physical Features mapping. Each of the physical features was initially assigned an associated land use by prioritizing the land uses within a 10-meter buffer of the feature. This way each feature was assigned the highest (e.g. most valuable) land use that fell within its buffer. Each feature was then investigated in the GIS to confirm the "intended" function of the bank stabilization feature when if was first installed. In situations where the land use being protected by a long section of bank protection changed, the length was split and assigned proportionally between land uses. This process resulted in only one land use being assigned to a section of bank protection. This land use reflects the feature's original intent. This analysis is detailed in Section 3.2.2.

3.2.1 Temporal Assessment of Physical Features and Land Use

As noted above, the temporal assessment of physical features and land use relies on the Physical Features Timeline data that is only available for Stillwater, Yellowstone, and Dawson Counties.

An interesting result of summarizing all land uses associated with a physical feature is that it does result in a total "length" of land protected (Figure 13) that is greater than the actual total length of bank stabilization features (Figure 14, Table 4). This is because more than one land use is often identified within the buffer around a feature (Figure 12). This results in some physical features being associated with a total length of land that is greater than the measured length of the feature itself.

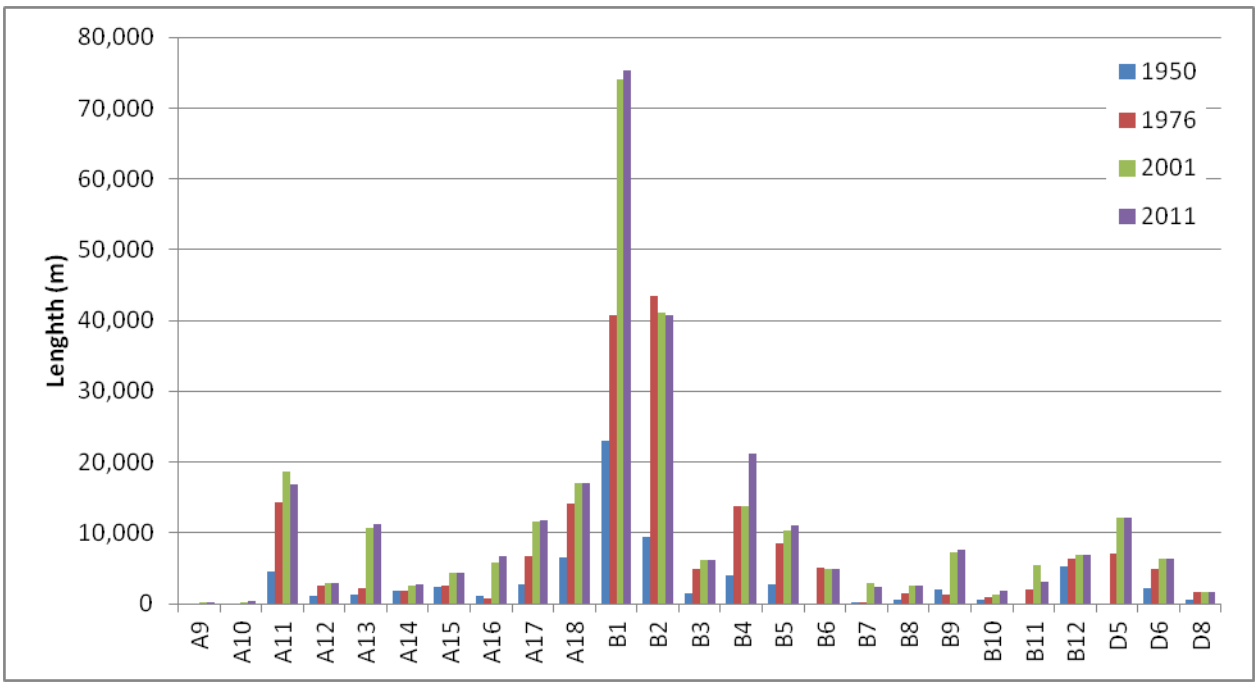

Figure 13. Sum of calculated lengths of land protected by Physical Features Timeline Stream Stabilization features. Note that these totals are greater than the actual lengths of the features because a feature may protect more than one type of land use.

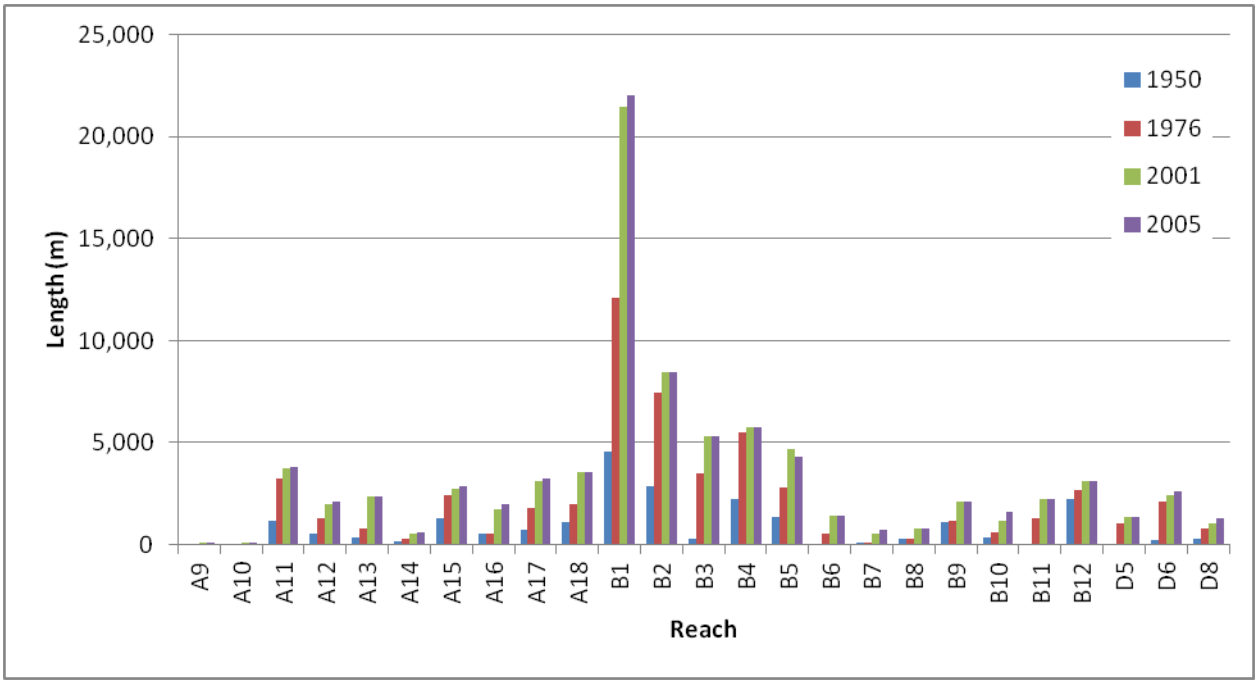

Figure 14. Sum of actual lengths by reach for mapped Physical Features Timeline Stream Stabilization features.

	Year			
Reach	**1950 (m)**	**1976 (m)**	**2001 (m)**	**2005 (m)**
A9			88	88
A10		20	108	108
A11	1,161	3,242	3,738	3,806
A12	528	1,296	1,990	2,099
A13	325	808	2,362	2,362
A14	173	308	556	622
A15	1,274	2,435	2,733	2,854
A16	528	528	1,716	1,992
A17	696	1,823	3,085	3,265
A18	1,093	1,994	3,537	3,537
B1	4,533	12,112	21,476	22,045
B2	2,873	7,468	8,454	8,454
B3	278	3,508	5,286	5,286
B4	2,207	5,496	5,724	5,724
B5	1,364	2,793	4,688	4,278
B6		519	1,427	1,427
B7	73	73	561	704
B8	308	308	780	780
B9	1,108	1,142	2,113	2,113
B10	319	596	1,172	1,595
B11		1,260	2,212	2,212
B12	2,239	2,641	3,103	3,103
D5		1,011	1,327	1,327
D6	222	2,110	2,444	2,626
D8	293	781	1,046	1,270
Grand Total	**21,593**	**54,275**	**81,726**	**83,678**

Table 4. Total length in meters of Physical Features Timeline features by reach and year (DTM and AGI, 2008).

Figure 15 shows the resulting distribution of land uses being protected by the Physical Features Timeline (PFTL) mapped features by year. Key points include:

- The amount of land uses protected by physical features increases through time. This reflects both an increase in the amount of bank protection, as well as an increase in the nested land uses behind physical features.
- The largest increase in many land use categories is between 1950 and 1976.
- Flood Irrigated lands show the greatest increase in bank protection. This may reflect the fact that Flood Irrigated lands along the Yellowstone constitute the majority of Agricultural land, are typically in close proximity to the channel margins, and have enough value to support an investment in erosion control. But it is also a reflection of the growth of Flood Irrigated lands and associated conversions from Non-Irrigated lands throughout the corridor.

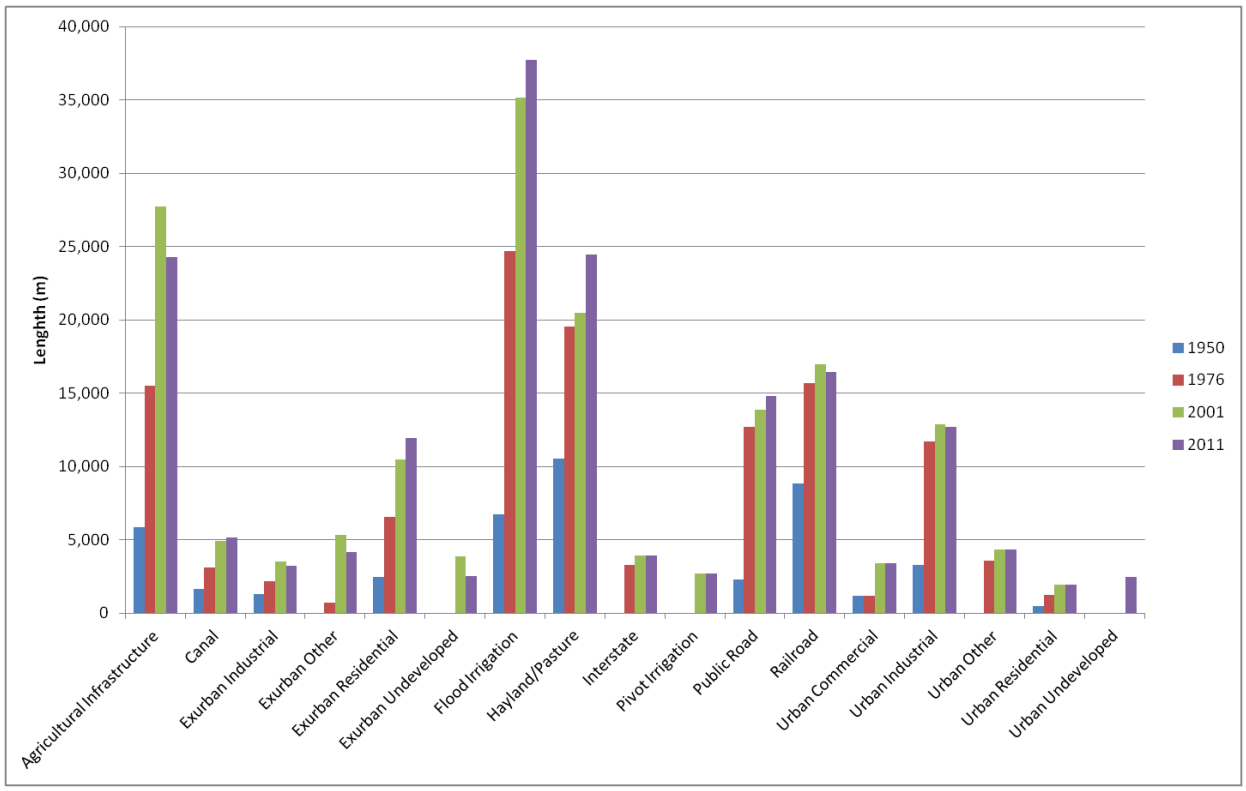

Figure 15. Distribution of land uses proximal to Physical Features Timeline mapping (Stillwater, Yellowstone, and Dawson Counties).

3.2.2 Intended Land Use for 2001 Physical Features

While a physical feature may be associated with or protect more than one land use, in most cases the intent of the feature is to protect a single land use. There is no way to completely automate assigning a primary land use to each feature. As such, visually inspecting each feature in the GIS is the most consistent way to develop these data. To streamline this process, the primary land use for each feature was initially determined by prioritizing land uses into a hierarchy and assigning the highest priority land use within a buffer distance to each feature. For example, if both Railroad and Multiple-Use land use categories are both within a feature's buffer, the feature is likely intended to protect the railroad. The greatest challenge is ranking the land uses. For this exercise, the 2001 Tier 2 and Tier 3 land uses were used with the 2001 Physical Features Inventory to provide an initial indication of the physical features' intent throughout the corridor (Park County is not included in the Physical Features Inventory). Again, only Stream Stabilization features were used. Each feature was then inspected in the GIS to confirm the intent, or to make modifications to the intent. If more than one land use was determined as the intent of the physical feature, then additional records were added to the resulting table and the length of the physical feature associated with each land use was allocated proportionally.

Table 5 and Figure 16 show the distribution of mapped 2001 Physical Features Inventory (the entire river corridor, excluding Park County) bank stabilization features by Tier 2 and Tier 3 land uses. The Investigated Length is the sum of feature lengths assigned to each intended land use. This shows that the greatest proportion of bank stabilization activity is associated with Irrigated fields (43,582 meters) and the Railroad (55,375 meters). This is further broken down by reach in Figure 17 and Figure 18.

	2001 Investigated Length	
	Meters	**Miles**
Agricultural Infrastructure	**12,200**	**7.58**
Canal	3,146	**1.95**
Diversion	1,555	**0.97**
Other Infrastructure	7,499	**4.66**
Agricultural Land	**58,148**	**36.13**
Diversion	141	**0.09**
Irrigated Field	43,582	**27.08**
Non-Irrigated Field	14,425	**8.96**
Exurban	**8,128**	**5.05**
Exurban Industrial	2,544	**1.58**
Exurban Other	1,631	**1.01**
Exurban Residential	3,953	**2.46**
Urban	**9,203**	**5.72**
Urban Commercial	387	**0.24**
Urban Industrial	5,761	**3.58**
Urban Other	1,028	**0.64**
Urban Residential	2,027	**1.26**
Transportation	**65,404**	**40.64**
Interstate	1,546	**0.96**
Public Road	8,483	**5.27**
Railroad	55,375	**34.41**
Grand Total	**153,083**	**95.12**

Table 5. Total length of mapped 2001 Physical Features Inventory bank stabilization features by Tier 2 and Tier 3 land uses based on the original intent of the feature.

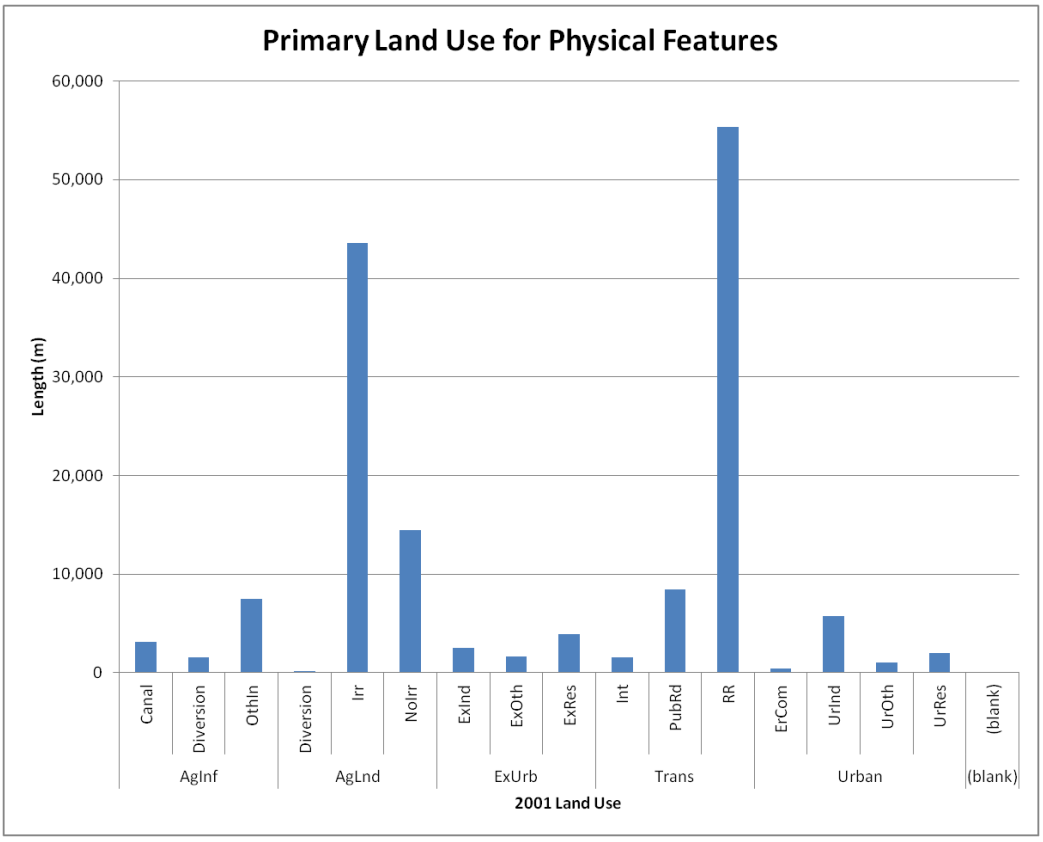

Figure 16. Distribution of mapped 2001 Physical Features Inventory bank stabilization features by Tier 2 and Tier 3 land uses.

	Investigated Length (m)					
Reach	**Agri Infrastruct**	**Agri Land**	**Exurban**	**Transport**	**Urban**	**Grand Total**
A1		1,316		990		2,306
A2	367	1,909		943		3,219
A3		1,428				1,428
A4	687	483	139		412	1,721
A5	162	714				876
A6		600	47			647
A7	443	2,495		562		3,500
A8	151	1,309		637		2,097
A9		1,705		433		2,138
A10		51		29		80
A11	547	722		2,164		3,433
A12		307		1,617		1,924
A13		87	166	1,538	387	2,178
A14		95		3,475		3,570
A15	1,092	172				1,264
A16	630	346	758			1,734
A17	582	977		368		1,927
A18	1,115	888	500	693		3,196
Region A Totals:	**5,776**	**15,604**	**1,610**	**13,449**	**799**	**37,238**
B1	1,465	8,857	4,250	1,866		16,438
B2	807	589		618	4,394	6,408
B3		442	725		1,420	2,587
B4	1,000	2,749		7,227		10,976
B5	521	1,842	145	373		2,881
B6	147	961				1,108
B7	88					88
B8		202		576		778
B9				1,965		1,965
B10	273			200		473
B11		1,140				1,140
B12		374		2,347		2,721
Region B Totals:	**4,301**	**17,156**	**5,120**	**15,172**	**5,814**	**47,563**
C1	300			144		444
C2		356		7,533		7,889
C3	150	2,395		1,318		3,863
C4		1,325				1,325
C6		930				930
C7		662				662
C8		1,002				1,002
C9	406	1,652				2,058
C10		526		1,761	1,134	3,421
C11		842		7,286		8,128
C12		460		93	14	567
C13		2,808		2,908		5,716
C14		3,386		4,839		8,225
C15		115		2,283		2,398
C16		1,136		1,651	668	3,455
C17	186	545		622	774	2,127
C19				783		783
C20				1,041		1,041
C21				1,541		1,541
Region C Totals:	**1,042**	**18,140**	**0**	**33,803**	**2,590**	**55,575**
D1				365		365
D2				205		205
D3		182		275		457
D5	100	1,024		420		1,544
D6		302		726		1,028
D8	293	233		969		1,495
D10		678				678
D12	252	1,197				1,449
D13	300	3,031	963	20		4,314
D14	136	601	435			1,172
Region D Totals:	**1,081**	**7,248**	**1,398**	**2,980**	**0**	**12,707**
Grand Total	**12,200**	**58,148**	**8,128**	**65,404**	**9,203**	**153,083**

Table 6. Total length of mapped 2001 Physical Features Inventory by Reach and Tier 2 land uses based on the intent of the feature.

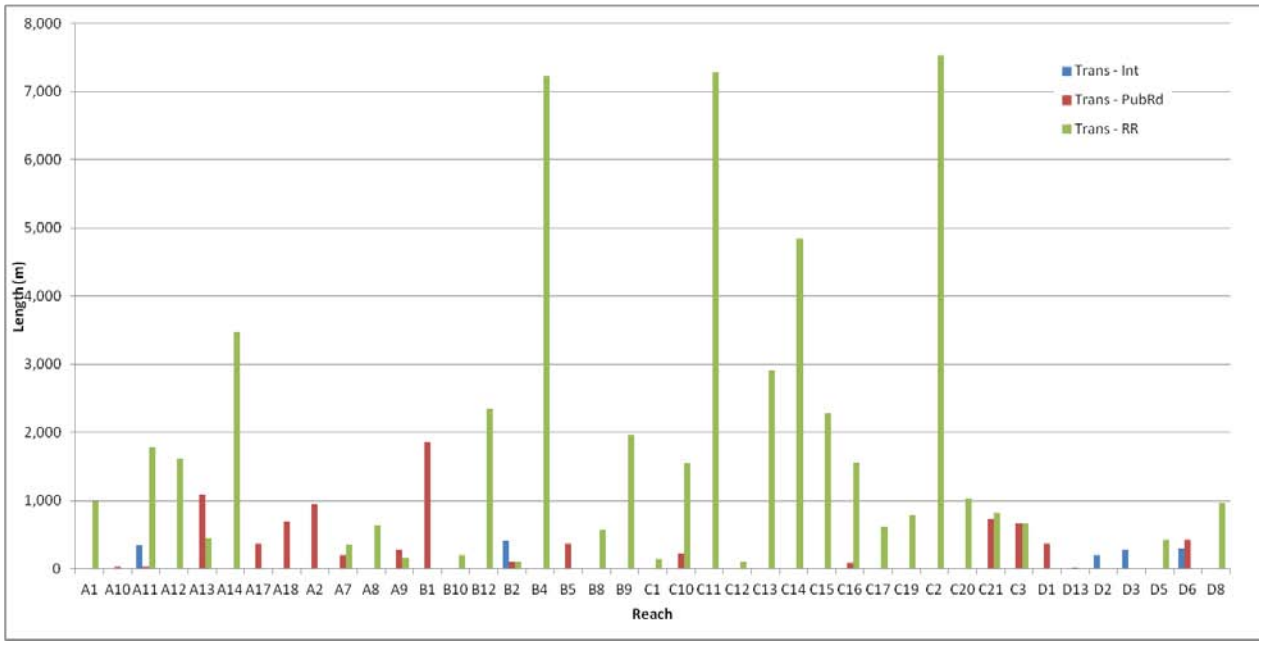

Figure 17. Length of bank stabilization intended to protect Transportation land uses by reach.

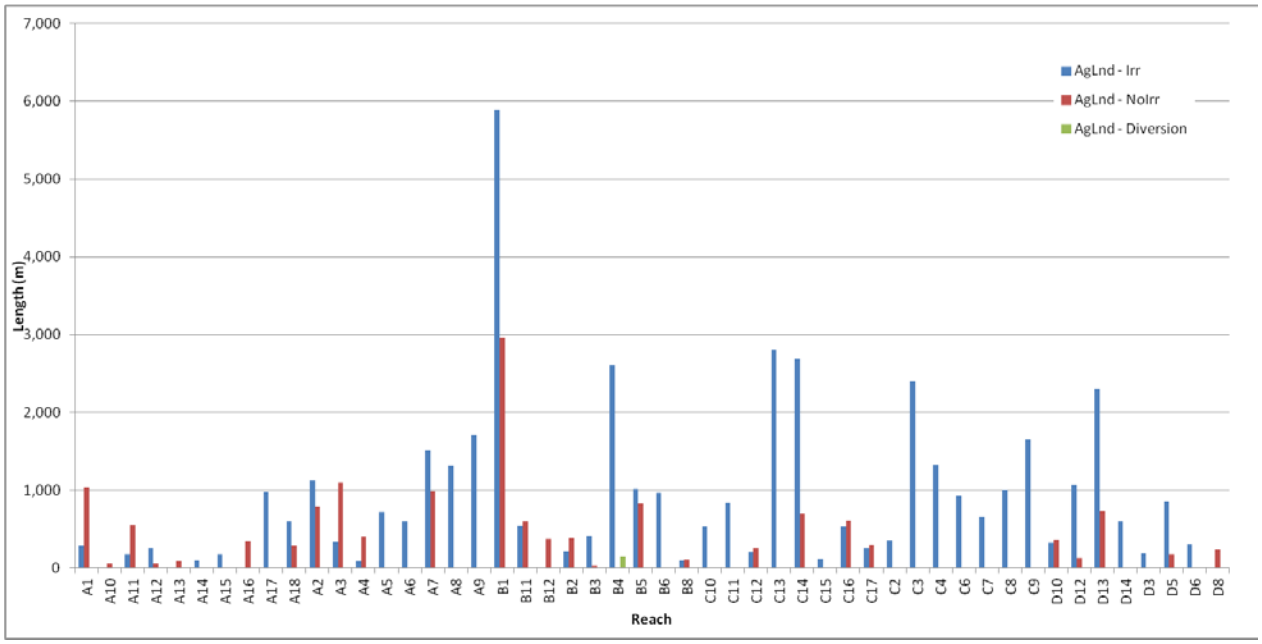

Figure 18. Length of bank stabilization intended to protect Agricultural land uses by reach.

3.3 Land Use vs. Riparian

Riparian areas provide important habitat for a variety of species, help to stabilize stream banks, and provide a variety of other important ecological functions. While the absolute conversions of land area from riparian to non-riparian was covered in the 2008 Riparian Scope of Work (DTM, 2008), the new land use mapping allows exploration of the character of those changes in respect to land use. Note that the riparian mapping did not include Park County.

Of key importance are the conversions from riparian to Agricultural, Urban, or Exurban categories as these generally represent conversions from a natural state to a more intensively managed state. Figure 19 shows the conversions between the 1950s and 2011. The 1950s riparian mapping categories are shown on the x-axis by region. The herbaceous category has been removed as this correlates very closely with the Multiple-Use use mapping. The bars represent the acres of land from each riparian mapping category that were mapped in the 2011 Tier 2 land use mapping. Table 7 shows the breakdown of acreages.

	2011 Land Use		
1950s Land Use and Riparian	Irrigated	Non-Irrigated	Other Infrastruture
Region A	**11,673**	**10,421**	**634**
Irr	**9,971**	**2,008**	**323**
H	9,710	1,808	307
S	159	97	7
TC	72	44	4
TO	30	59	6
NoIrr	**1,702**	**8,413**	**311**
H	1,488	4,549	232
S	85	598	2
TC	56	2,682	32
TO	74	584	44
Region B	**9,608**	**10,163**	**486**
Irr	**6,002**	**1,251**	**189**
H	5,953	1,209	186
S	32	27	0
TC	9	10	0
TO	7	4	2
NoIrr	**3,606**	**8,912**	**297**
H	3,342	5,299	207
S	75	1,090	28
TC	50	1,749	21
TO	139	774	41
Region C	**44,252**	**33,831**	**1,347**
Irr	**36,030**	**5,881**	**753**
H	35,426	5,599	741
S	231	152	8
TC	204	80	4
TO	169	50	0
NoIrr	**8,222**	**27,950**	**594**
H	6,126	17,304	504
S	412	2,511	31
TC	918	6,049	49
TO	765	2,086	11
D	**19,813**	**25,202**	**534**
Irr	**11,797**	**819**	**183**
H	11,503	785	178
S	231	26	2
TC	24	7	3
TO	39	2	0
NoIrr	**8,016**	**24,383**	**351**
H	5,409	13,429	281
S	1,612	5,035	25
TC	855	4,620	30
TO	140	1,298	15

Table 7. Acreage of 1950s riparian land converted to Agricultural land use in 2011.

The following are the key pieces of information:

- Throughout the corridor, large areas of riparian habitat were converted to channel through channel migration and avulsion processes.
- Throughout the corridor, but especially in Regions C and D, large areas of riparian were converted to Agricultural land use.
- Relatively little riparian area was converted to Agricultural Infrastructure, Urban, Exurban, or Transportation land uses.

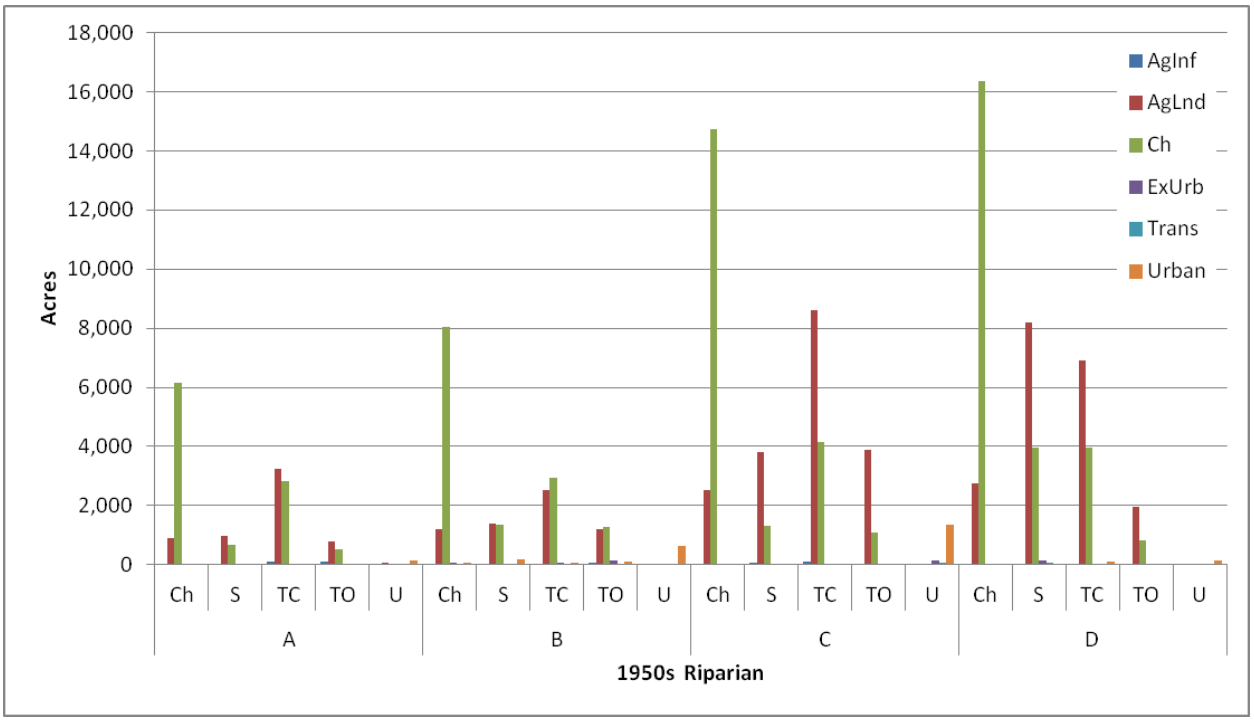

Figure 19. Conversion of 1950s riparian mapping (Channel, Shrub, Timber Closed, Timber Open, Urban) to 2011 Tier 2 Land use by region.

Drilling further into the relationships between the 1950s riparian and current land use provides additional details on the conversions (Figure 20). The data show that large areas of 1950s Irrigated/Herbaceous land in all regions, but particularly in Region C, remain in Irrigated land use in 2011. This reflects that fact that irrigated lands reflect a *land use* that is most often considered to be an herbaceous *land cover* type. Thus this relationship tends to be auto-correlating. Of more interest are where the Non-Irrigated riparian areas in the 1950s are converted to Agricultural fields (Irrigated and Non-Irrigated) in 2011. For example, Region D shows just over 5,000 acres of Non-Irrigated Herbaceous land from the 1950s converted to Irrigated Agricultural land in by 2011. This demonstrates a conversion of both *land use* and *land cover* with a conversion from natural riparian habitat to agriculture.

The following conclusions can be drawn:

- Regions C and D show the greatest amount of conversions from riparian land to Irrigated or Non-Irrigated fields.

- In all regions, more acres of 1950s Non-Irrigated Herbaceous riparian areas were converted to Agricultural fields (Irrigated and Non-Irrigated) than any other riparian vegetation category.
- In all regions, conversion from riparian to Agricultural was mostly to Non-Irrigated fields.
- Both Closed and Open Timber 1950s riparian were converted to both Irrigated and Non-Irrigated fields. This occurred in the greatest amounts in Regions C (8,265 acres) and D (5,927 acres).

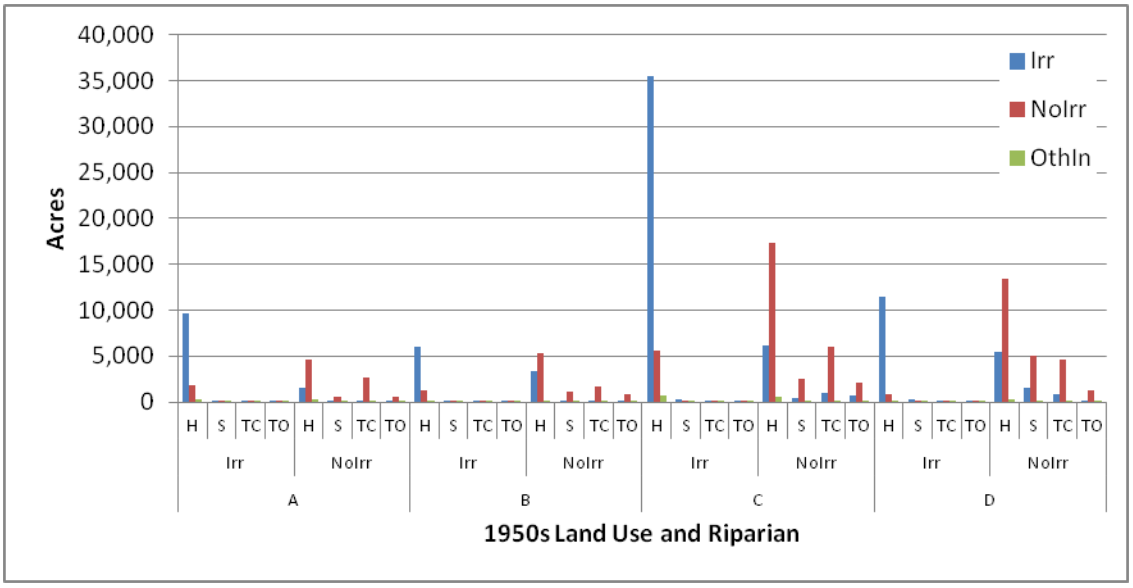

Figure 20. Conversion of 1950s riparian areas (Channel, Shrub, Timber Closed, Timber Open, Urban) within 1950s Irrigated/Non-Irrigated lands to 2011 Irrigated/Non-Irrigated land use by region.

To understand if these conversion numbers are significant, it is also important to look at the number of acres and the percentage of 1950s riparian area that has been converted to higher land uses such as Irrigation, Urban, Exurban, and Transportation. Figure 21 and Table 8 detail the conversion of 1950s mapped riparian areas to higher levels of land use in 2011. Any areas mapped as Irrigated in the 1950s land use are excluded from the data set, as these areas tended to remain in irrigation in 2011. This allows only those areas that converted from a more natural riparian land use (Open Timber, Closed Timber or Shrubs) to be summarized. Figure 22 shows a section of Reach C14 where large areas of non-herbaceous riparian habitat were converted to flood irrigation. Comparing the percent of conversion from riparian to other land uses with higher levels of use with the actual 1950s riparian mapping areas gives a degree of the amount of impact. Reaches that indicate a high level of conversion of riparian land *and* a large amount of mapped riparian area are actually the reaches with the greatest impact (e.g. C14, D13, and D14).

Key results include:

- Reach B2 lost 50% of its mapped riparian area to Urban land uses, though it started out with only 625 riparian acres in the 1950s mapping.
- The remaining highly-impacted reaches saw a majority of their conversions of riparian area to Irrigated land use, with C14, D6, D13, and D14 being the most impacted.

- Reaches A5 and A6, though they show around a 25% loss in riparian area to Irrigated land uses, had less than 75 acres of mapped riparian area to start with. So small conversions to other land uses show up as highly impacted.

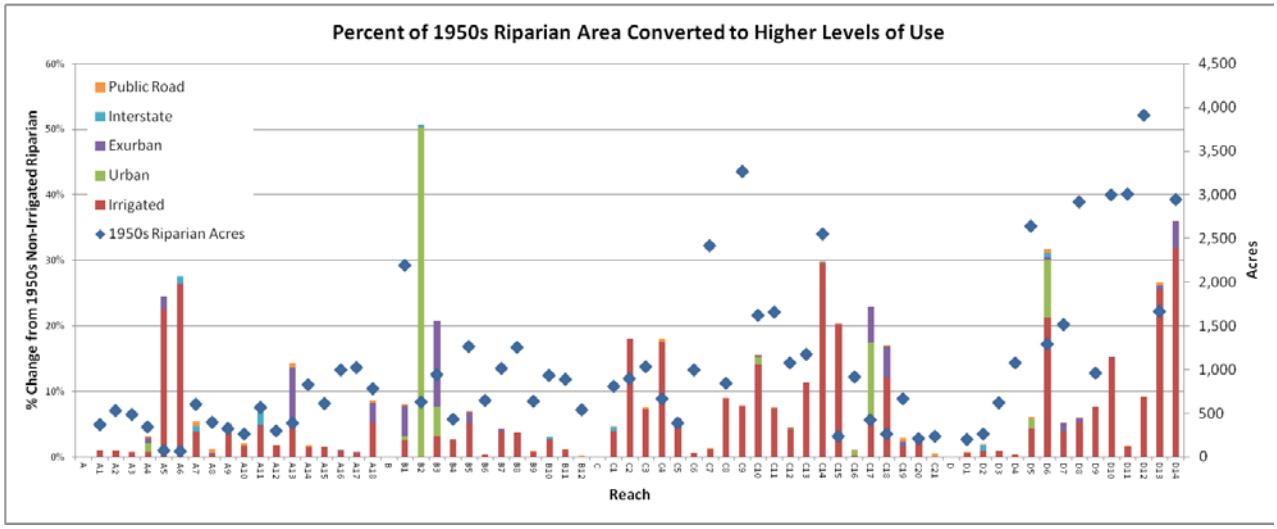

Figure 21. Percent change from 1950s Non-Irrigated/Non-Herbaceous riparian habitat to 2011 land use.

	2011 Land Use Conversions from 1950s Non-Irrigated Riparian (Acres)						Total Non-Irr	Percent of 1950s Non-Irrigated Riparian					
	Irrigated	Urban	Exurban	Interstate	Public Road	Total	1950s Rip Acres	Irrigated	Urban	Exurban	Interstate	Public Road	Total Change
A	216.6	4.5	69.0	17.4	21.1	328.6	8894.3	2.44%	0.05%	0.78%	0.20%	0.24%	3.69%
A1	3.7					3.7	**363.3**	1.02%	0.00%	0.00%	0.00%	0.00%	1.02%
A2	4.3				0.8	5.1	**524.7**	0.83%	0.00%	0.00%	0.00%	0.14%	0.97%
A3	3.6					3.6	**487.8**	0.75%	0.00%	0.00%	0.00%	0.00%	0.75%
A4	2.4	4.4	2.9		0.9	10.6	**336.6**	0.72%	1.30%	0.85%	0.00%	0.27%	3.15%
A5	16.6		1.4			18.0	**73.4**	22.58%	0.00%	1.90%	0.00%	0.00%	24.48%
A6	16.9		0.0	0.8		17.7	**63.9**	26.39%	0.00%	0.02%	1.22%	0.00%	27.63%
A7	22.8			5.4	4.4	32.5	**599.0**	3.80%	0.00%	0.00%	0.90%	0.73%	5.43%
A8	1.1		1.4	0.0	2.2	4.7	**391.9**	0.29%	0.00%	0.36%	0.00%	0.55%	1.21%
A9	16.2					16.2	**319.2**	5.09%	0.00%	0.00%	0.00%	0.00%	5.09%
A10	4.3				1.1	5.4	**258.8**	1.66%	0.00%	0.00%	0.00%	0.41%	2.07%
A11	26.6		1.1	11.3	2.5	41.5	**563.2**	4.72%	0.00%	0.20%	2.00%	0.45%	7.37%
A12	5.3					5.3	**298.1**	1.79%	0.00%	0.00%	0.00%	0.00%	1.79%
A13	18.9	0.1	33.8		2.8	55.6	**386.7**	4.88%	0.04%	8.73%	0.00%	0.74%	14.38%
A14	11.7				3.2	14.9	**825.8**	1.41%	0.00%	0.00%	0.00%	0.39%	1.80%
A15	9.1				0.1	9.3	**606.9**	1.50%	0.00%	0.00%	0.00%	0.02%	1.52%
A16	7.2		2.9		0.6	10.6	**994.2**	0.72%	0.00%	0.29%	0.00%	0.06%	1.07%
A17	6.0		0.8			6.8	**1021.8**	0.59%	0.00%	0.08%	0.00%	0.00%	0.66%
A18	39.9		24.7		2.5	67.2	**778.8**	5.12%	0.00%	3.17%	0.00%	0.33%	8.62%
B	290.0	369.3	248.7	5.9	12.1	925.9	11341.8	2.56%	3.26%	2.19%	0.05%	0.11%	8.16%
B1	57.0	12.6	101.4		5.5	176.4	**2191.6**	2.60%	0.57%	4.63%	0.00%	0.25%	8.05%
B2		313.6		2.2	1.4	317.3	**624.7**	0.00%	50.21%	0.00%	0.36%	0.22%	50.78%
B3	29.6	43.1	123.1			195.8	**944.0**	3.13%	4.57%	13.04%	0.00%	0.00%	20.74%
B4	11.4					11.4	**431.2**	2.64%	0.00%	0.00%	0.00%	0.00%	2.64%
B5	65.9		19.9		2.2	88.1	**1262.9**	5.22%	0.00%	1.58%	0.00%	0.18%	6.97%
B6	1.9				1.0	2.8	**647.6**	0.29%	0.00%	0.00%	0.00%	0.15%	0.44%
B7	37.7		4.3		0.7	42.6	**1007.8**	3.74%	0.00%	0.42%	0.00%	0.06%	4.23%
B8	46.9					46.9	**1251.4**	3.75%	0.00%	0.00%	0.00%	0.00%	3.75%
B9	4.9				0.5	5.4	**632.0**	0.77%	0.00%	0.00%	0.00%	0.08%	0.85%
B10	24.9			3.7		28.5	**926.8**	2.68%	0.00%	0.00%	0.40%	0.00%	3.08%
B11	9.9		0.0		0.1	10.1	**884.4**	1.12%	0.00%	0.00%	0.00%	0.02%	1.14%
B12					0.6	0.6	**537.5**	0.00%	0.00%	0.00%	0.00%	0.12%	0.12%
C	2178.3	78.6	45.1	8.3	17.2	2327.6	22297.9	9.77%	0.35%	0.20%	0.04%	0.08%	10.44%
C1	31.9			5.1	0.5	37.5	**806.3**	3.95%	0.00%	0.00%	0.63%	0.07%	4.66%
C2	161.7					161.7	**896.8**	18.03%	0.00%	0.00%	0.00%	0.00%	18.03%
C3	75.3		0.6		1.8	77.7	**1031.0**	7.30%	0.00%	0.06%	0.00%	0.17%	7.53%
C4	116.0				3.3	119.3	**661.3**	17.53%	0.00%	0.00%	0.00%	0.50%	18.03%
C5	22.8					22.8	**386.9**	5.90%	0.00%	0.00%	0.00%	0.00%	5.90%
C6	5.9					5.9	**991.3**	0.59%	0.00%	0.00%	0.00%	0.00%	0.59%
C7	29.7				0.4	30.1	**2412.2**	1.23%	0.00%	0.00%	0.00%	0.02%	1.25%
C8	75.4					75.4	**837.2**	9.00%	0.00%	0.00%	0.00%	0.00%	9.00%
C9	253.9					253.9	**3268.2**	7.77%	0.00%	0.00%	0.00%	0.00%	7.77%
C10	230.0	17.1	2.4		1.0	250.5	**1623.8**	14.16%	1.05%	0.15%	0.00%	0.06%	15.43%
C11	123.5				1.7	125.1	**1651.2**	7.48%	0.00%	0.00%	0.00%	0.10%	7.58%
C12	45.4	1.4	0.9		0.2	47.9	**1076.1**	4.22%	0.13%	0.08%	0.00%	0.01%	4.45%
C13	133.3					133.3	**1176.0**	11.33%	0.00%	0.00%	0.00%	0.00%	11.33%
C14	755.3			3.2	1.6	760.1	**2550.3**	29.61%	0.00%	0.00%	0.13%	0.06%	29.80%
C15	48.0					48.0	**236.3**	20.32%	0.00%	0.00%	0.00%	0.00%	20.32%
C16	1.2	8.0			0.4	9.5	**909.9**	0.13%	0.88%	0.00%	0.00%	0.04%	1.05%
C17	21.6	52.1	23.4			97.1	**423.8**	5.10%	12.30%	5.53%	0.00%	0.00%	22.92%
C18	31.8		12.3		0.8	44.8	**261.4**	12.16%	0.00%	4.69%	0.00%	0.29%	17.15%
C19	10.4		5.0		3.3	18.8	**660.8**	1.58%	0.00%	0.76%	0.00%	0.50%	2.84%
C20	5.4		0.5		1.1	7.0	**203.8**	2.65%	0.00%	0.23%	0.00%	0.53%	3.41%
C21					1.2	1.2	**233.4**	0.00%	0.00%	0.00%	0.00%	0.52%	0.52%
D	2902.8	151.9	174.2	11.8	35.1	3275.8	25973.8	11.18%	0.58%	0.67%	0.05%	0.14%	12.61%
D1	1.2				0.2	1.4	**195.9**	0.61%	0.00%	0.00%	0.00%	0.13%	0.74%
D2	2.4			2.4	0.4	5.2	**263.4**	0.89%	0.00%	0.00%	0.92%	0.15%	1.96%
D3	5.3					5.3	**617.1**	0.86%	0.00%	0.00%	0.00%	0.00%	0.86%
D4	3.1				0.2	3.3	**1070.4**	0.29%	0.00%	0.00%	0.00%	0.02%	0.31%
D5	114.0	38.8	0.0		7.9	160.8	**2639.8**	4.32%	1.47%	0.00%	0.00%	0.30%	6.09%
D6	274.9	113.0	4.4	9.4	7.4	409.2	**1290.0**	21.31%	8.76%	0.34%	0.73%	0.58%	31.72%
D7	57.6		19.8			77.4	**1511.6**	3.81%	0.00%	1.31%	0.00%	0.00%	5.12%
D8	151.6		18.1		5.1	174.8	**2913.4**	5.20%	0.00%	0.62%	0.00%	0.17%	6.00%
D9	73.2					73.2	**953.4**	7.68%	0.00%	0.00%	0.00%	0.00%	7.68%
D10	455.3		2.2			457.5	**3001.3**	15.17%	0.00%	0.07%	0.00%	0.00%	15.24%
D11	46.2				0.2	46.3	**3002.5**	1.54%	0.00%	0.00%	0.00%	0.01%	1.54%
D12	353.9				0.8	354.7	**3906.4**	9.06%	0.00%	0.00%	0.00%	0.02%	9.08%
D13	424.0		10.9		8.5	443.4	**1662.0**	25.51%	0.00%	0.65%	0.00%	0.51%	26.68%
D14	940.2		118.7		4.4	1063.3	**2946.5**	31.91%	0.00%	4.03%	0.00%	0.15%	36.09%
Grand Tot	5587.7	604.3	537.0	43.5	85.5	6858.0	68507.8	8.16%	0.88%	0.78%	0.06%	0.12%	10.01%

Table 8. Acre and percent change from 1950s Non-Irrigated/Non-Herbaceous riparian habitat to 2011 land use.

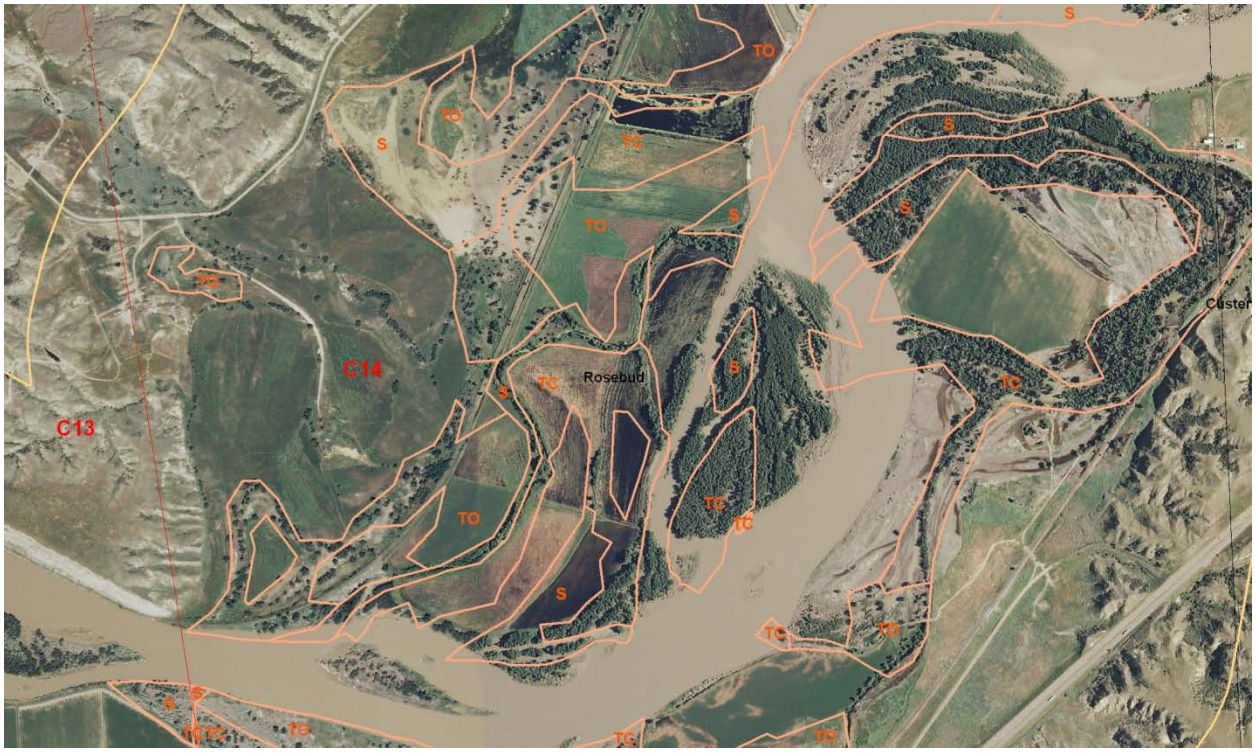

Figure 22. 1950s non-herbaceous riparian polygons shown on 2011 NAIP imagery in Reach C14. This shows large areas of Open, Timber Closed Timber, and Shrubs being converted to Irrigated land use.

3.4 Urban and Exurban Development, Subdivisions, and Potential Future Development

Because of multiple and often conflicting factors, projecting future growth for a region is challenging. Economic drivers such as housing markets or job availability, access to amenities such as shopping or airports, existing infrastructure, and other factors can drive the conversion from one land use type to another.

There are a few data sets that allow for some assessment of the character of the past and present development, as well as allow for some projection into the future. Each dataset was developed for a specific purpose, leading to limitations in using the dataset to assess trends or project future growth, or for combining them for analysis. This study uses the following datasets which are also discussed in Section 2.3.9.2:

- **Cadastral** – The Cadastral dataset is maintained by the Montana State Library. This polygon data layer represents platted property subdivisions, along with some associated attributes such as taxable value, owner, and type (residential, commercial, etc.) that are brought in from the CAMA database described below. The maximum parcel size is 1 square mile (640 acres), thus contiguous ownership of large tracks of land may be split across multiple cadastral records. This dataset represents a point in time and has no history of if and when a parcel was subdivided or what the original configuration of parcels looked like prior to subdivision. As such, it cannot be used for assess historic trends.

- **CAMA** – The CAMA (Computer Assisted Mass Appraisal) database is maintained by the Department of Revenue (DOR) and contains all maintained information on every parcel in Montana. It is maintained in a custom enterprise database called Orion and contains detailed information on each property such as owner name, taxable value, type of property, and improvements. The information in CAMA can be associated with the Cadastral parcel records through a unique property ID. As with the Cadastral dataset, the records in this database represent a point in time and cannot be directly used to assess development trends. CAMA supports the DOR's assessment of property values for taxation. To accomplish this, it uses a specific set of definitions for property types. These definitions do not always allow for easy analysis of development patterns. For example, very little land within the Yellowstone corridor qualifies as "vacant" since it is developed, even minimally, for agriculture. Additionally, some fields such as subdivision information and rural/urban are maintained inconsistently, making analysis difficult. There is some information in CAMA of when a parcel was "improved", though it is difficult to determine exactly what the "improvement" was. For example, the improvement date may reflect the most recent improvement (e.g. building a new home), while the parcel has actually had a residence for a much longer time.

  The challenge with CAMA/Orion is with the complexity of the database itself. It is comprised of dozens of tables that can be related in order to extract information on a parcel. Specialized knowledge of the database structure, relationships, codes, definitions, and appropriate usage is required to extract the information on parcels. Past efforts to work with this dataset have proved challenging, even with the assistance of the data stewards.

- **Land Use Mapping** – These are the datasets developed for this study. The resulting land use polygons do not follow parcel boundaries, rather they reflect the actual land use shown in the imagery. In areas such as Exurban Residential development this often results in the development footprint of a homesite (the buildings, driveways, lawns, etc.) being mapped as Exurban Residential, while the rest of the property may be a mix of other land uses (Irrigated, Multiple-Use, etc.). As such it is difficult to relate the areas with land use mapped as developed (Residential, Commercial, Industrial, etc.) to corresponding cadastral parcels.

- **Subdivisions** – For this study, the parcel boundaries were used to develop a corridor-wide subdivision layer to help with the analysis of potential future development scenarios. It was generated through a combination of attribute analysis and visual interpretation of the data. The cadastral data were displayed according to whether a parcel was residential or commercial, and whether there was a subdivision name associated with the parcel. This tended to highlight clusters of parcel polygons that are likely in subdivisions. Similarly sized adjacent parcels were then grouped and attributed with one of five classes defining the average size of the individual lots that comprise the subdivided area. The classes are derived from the regulations in the Montana Subdivision and Platting Act (1974) and the Montana Code Annotated that apply to subdivisions:
  - < 1 Acre – Average lot size is less than 1 acre.
  - 1 - 5 Acres – Average lot size is between 1 and 5 acres.

- 5 – 20 Acres – Average lot size is between 5 and 20 acres.
- 20 Acres – Average lot size is at or slightly greater than 20 acres.
- 20 – 160 Acres – Average lot size is between 20 and 160 acres.

This subdivision layer was overlaid with the final 2011 land use data set and used to identify available land for future development, either Urban or Exurban during the data analysis phase of this study.

What follows is an assessment of the mapped land use patterns for 1950, 1976, 2001, and 2011 and their relationship to existing subdivisions and cadastral mapping within the corridor.

3.4.1 Cadastral Analysis

All parcels that intersected the study area boundary (a 500-meter buffer around the 100-yr inundation boundary) were selected from the cadastral data set. Within the GIS, these parcels contain information about the property type and level of development as listed in the cadastral database. From this dataset we see that only a small portion of the land within the corridor is considered "vacant land", either rural or urban (Figure 23; Table 9) (Note that definitions for the cadastral land use categories are found in Appendix D). The other property type categories listed in Figure 23 are included to demonstrate the broad range of DOR-defined property types found within the corridor and were interpreted as any property that is *not* vacant.

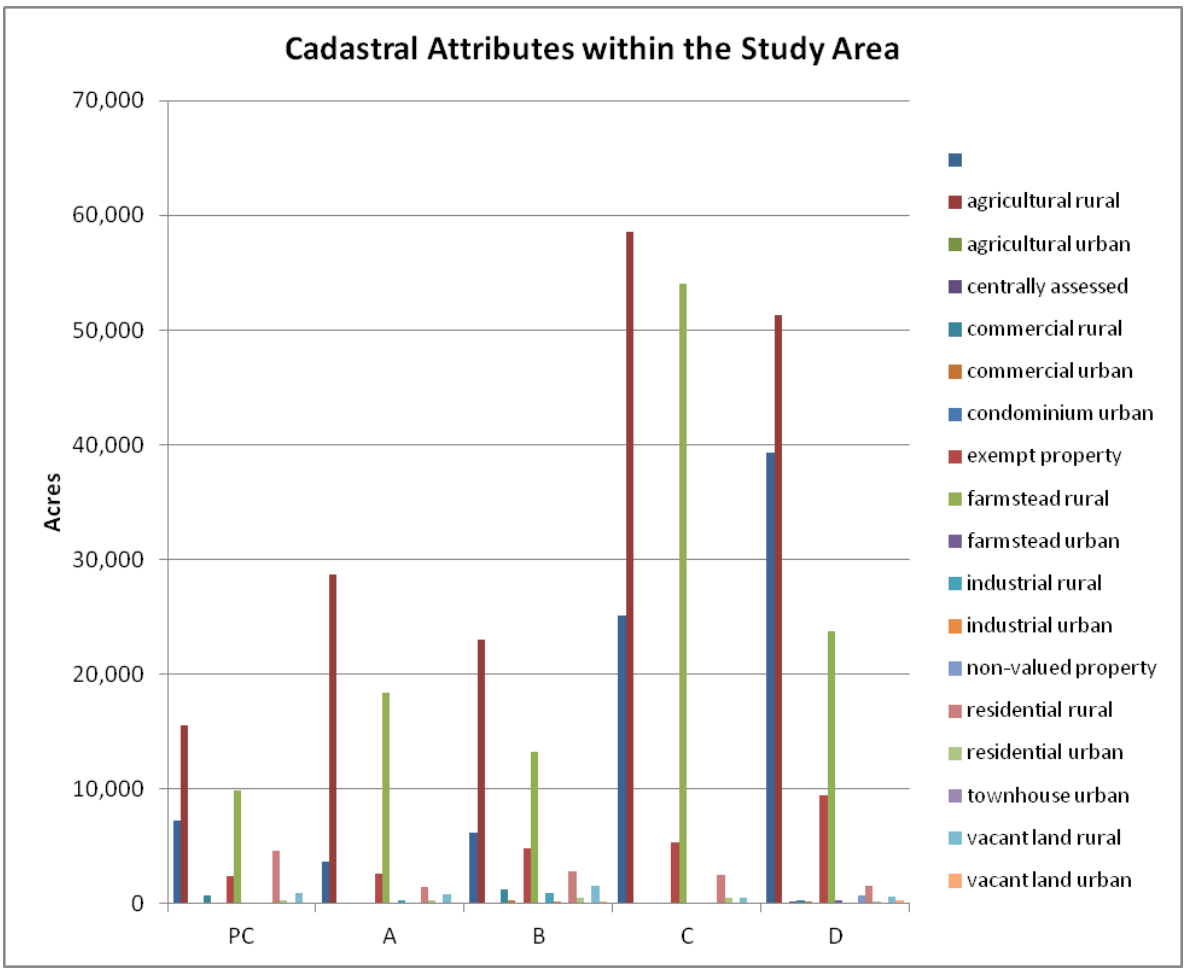

Figure 23. Distribution of designated Montana Cadastral Dataset property types for parcels within the study area.

Row Labels	Sum of Acres
PC	**41,754.5**
Cad Developed	40,842.6
Cad Vacant	912.0
A	**56,442.8**
Cad Developed	55,611.6
Cad Vacant	831.2
B	**54,983.7**
Cad Developed	53,204.9
Cad Vacant	1,778.8
C	**147,038.2**
Cad Developed	146,394.9
Cad Vacant	643.3
D	**128,222.9**
Cad Developed	127,358.1
Cad Vacant	864.8
Grand Total	**428,442.1**

Table 9. Developed vs. Vacant land within the study area as indicated in the Montana Cadastral Dataset.

The data show that there is a very poor correlation between the land attributed as developed in the cadastral dataset and land mapped as developed in the land use dataset developed by this project (Figure 24). This graph shows the overlay of the cadastral (2009) and land use (2011) datasets. If there was strong correlation, the areas in the cadastral dataset that are attributed as developed (Cad Dev) and the areas in the land use dataset that are attribute as developed (LU Dev), along with the cadastral vacant (Cad Vacant) and land use vacant (LU Vacant) would be the highest bars. Figure 24 shows that there is as much or more land in mapped as developed in the cadastral dataset (Cad Dev), but vacant in the land use dataset (LU Vacant) as there is mapped as developed in each dataset. Similarly, there is a large amount of vacant land in the cadastral database (Cad Vacant) that is mapped as developed in the land use dataset (LU Dev). This information indicates an overall poor correlation between the two datasets.

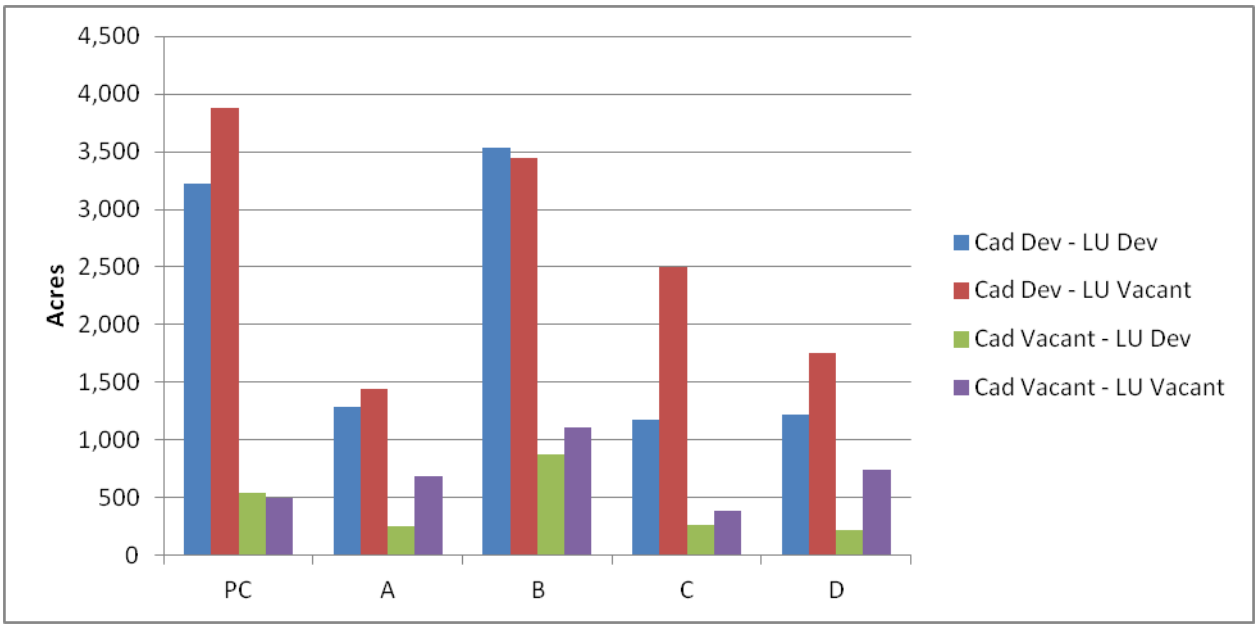

Figure 24. Correlation between development attributes in the Land Use mapping and Cadastral datasets. Poor correlation overall due to differences in definitions of developed in the land use and cadastral mapping.

3.4.2 Subdivision Analysis

As discussed in Section 3.4, the cadastral and associated CAMA datasets have little directly usable information about subdivided lands. What information is included, essentially just the name of the subdivision, is often not filled in or is not consistently filled in for a group of subdivided properties. To address this data gap, this project developed a subdivision layer that merged parcels of similar sizes and attributed them according to the average parcel size. For this study, subdivided/not-subdivided land refers to this new dataset.

Of the developed land in the cadastral dataset, the majority of it is not part of any subdivision defined in this study (Figure 25). This indicates that non-vacant land in the cadastral dataset (see the categories listed in Figure 23 and defined in Appendix D) includes land that is under agricultural production. It may be possible to better distinguish vacant and developed land in the cadastral dataset by joining the extended attributes from the DOR CAMA database, but that step is beyond the scope of this analysis.

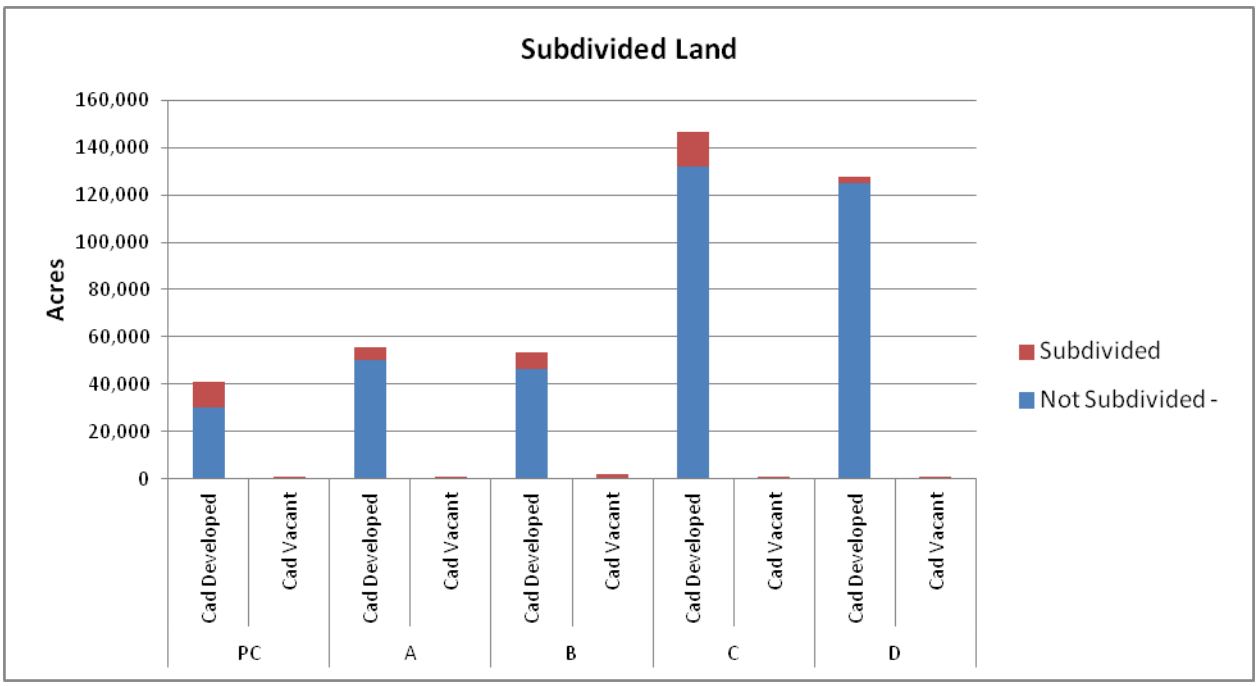

Figure 25. Distribution of subdivided land as defined in this study vs. Developed and Vacant land as defined by the cadastral dataset.

As noted above, the subdivided land identified in this project is attributed with the average lot size within a subdivided area. Figure 26 shows the distribution of subdivision sizes and the amount of subdivided land in each region. The following is observed in the data:

- Park County has a high percentage of lots that are 20 acres or greater.
- Region B shows that a majority of subdivision is in lots with less than 1 acre. This reflects the urban development within the region.
- Region C shows a large portion of subdivided parcels in the 20-160 acre category. Examination of the 2011 air photo set indicates that these are not residential lots, but more closely match irrigated field boundaries.

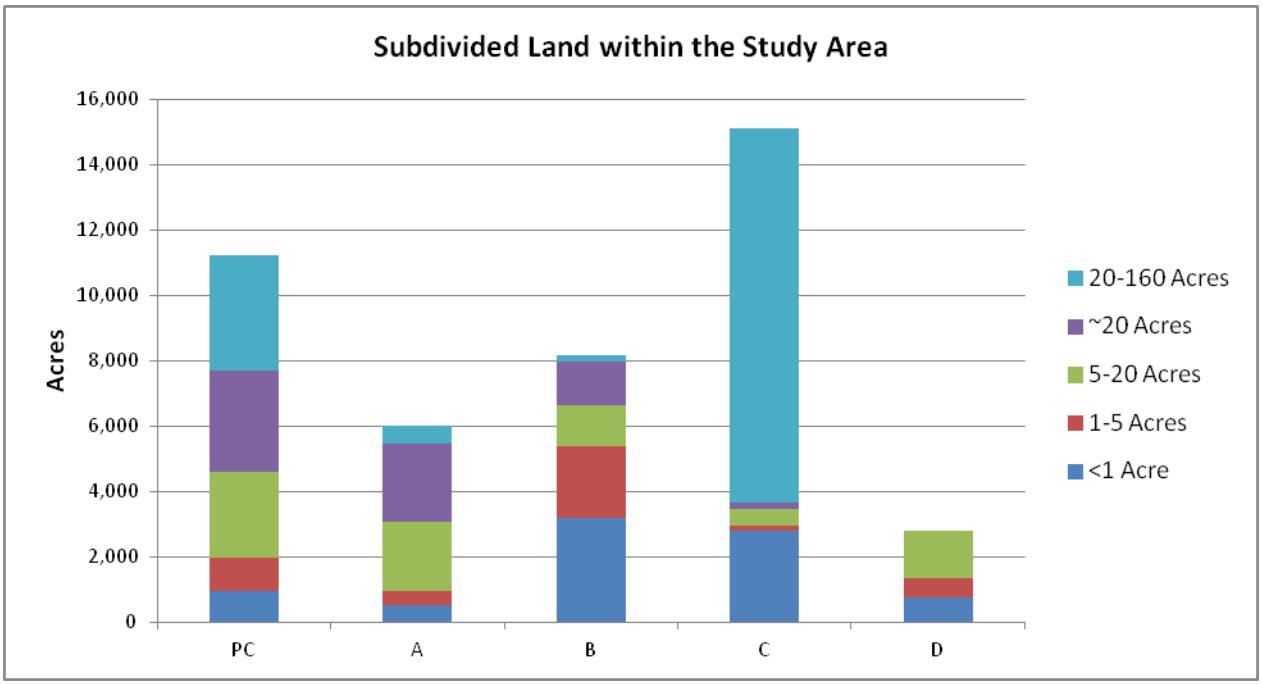

Figure 26. Subdivided land within the study area by average lot size as defined in this study.

Figure 27 further breaks down the information in Figure 26 by whether the subdivided land is inside or outside of the mapped 100-year inundation boundary. The following observations can be made:

- Most of the subdivided land in all reaches is outside of the 100-year inundation boundary.
- Small lots (<1 Acres) in Region B are evenly divided inside and outside of the 100-year inundation boundary. This suggests that a large number of residential lots may be subject to flooding if no flood control structure (dike or levee) is present. Since the inundation boundary mapping is blind to flood control structures, the FEMA flood mapping would perhaps be a better indication of subdivided land that is subject to flooding.
- Region C has twice as much subdivided land inside the inundation boundary as it does outside. This reflects the large fields that are often defined as individual parcels in the region.

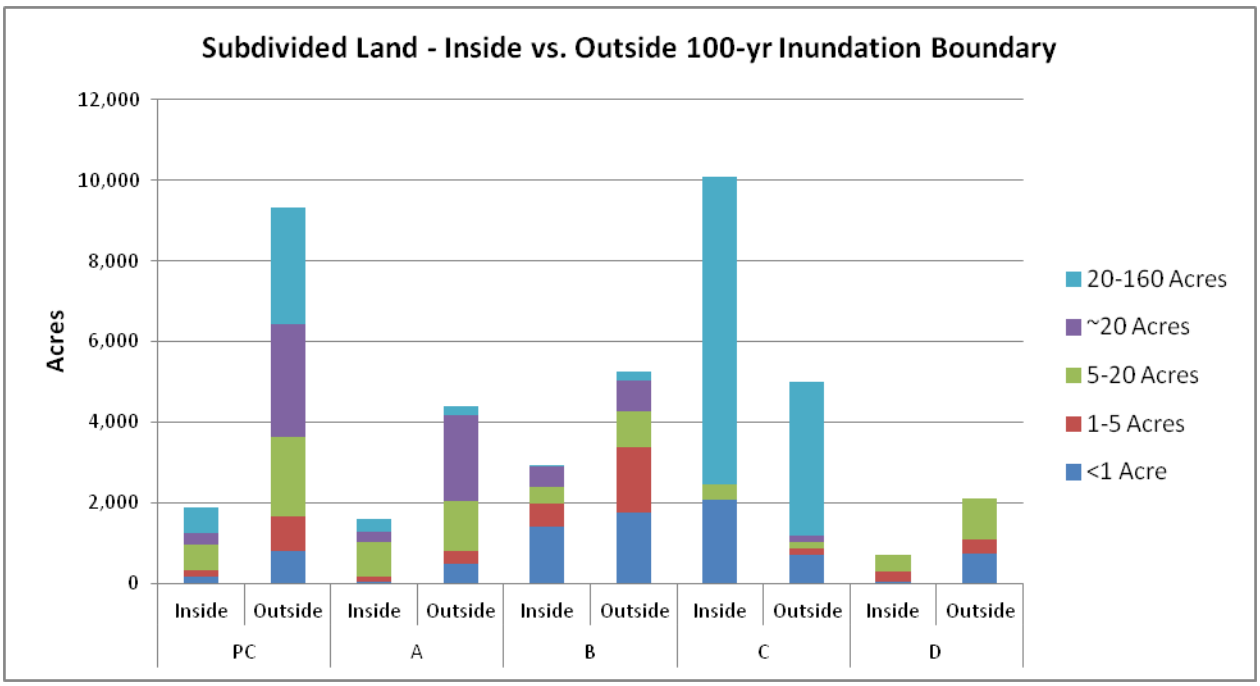

Figure 27. Average lot size as defined in this study of subdivided land inside and outside of the 100-year inundation boundary.

Figure 28 again breaks down the information in Figure 26 by whether the subdivided land is inside or outside of the mapped Channel Migration Zone (CMZ). The following observations can be made:

- In all regions the subdivided lands are mostly located outside of the mapped Channel Migration Zone.
- All regions, though, do have a considerable acreage of subdivided land located inside of the Channel Migration Zone, making it potentially subject to river hazards such as bank erosion and avulsion.

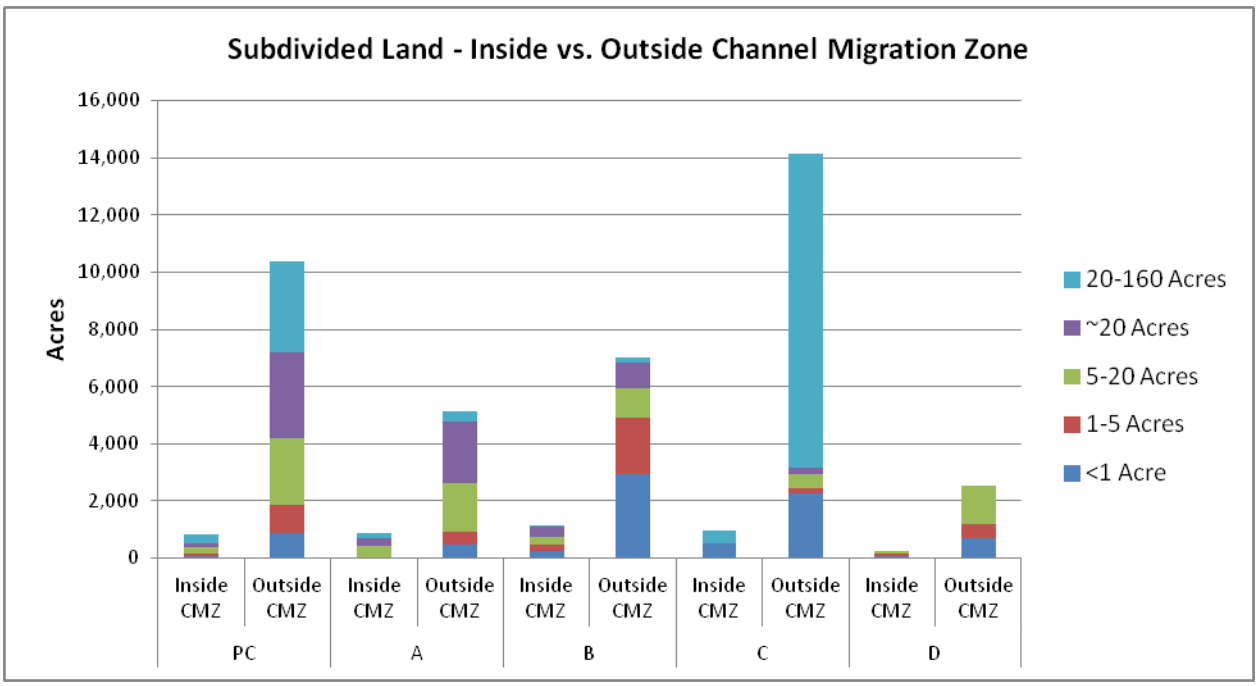

Figure 28. Average lot size as defined in this study of subdivided land inside and outside of the Channel Migration Zone.

Figure 29 shows the distribution of 2011 Exurban, Urban, Irrigated and Non-Irrigated land uses within the land areas mapped as subdivided. The following patterns are evident:

- In Park County and Region A, a majority of the subdivided land is in Exurban Residential, with the second largest area being in the Non-Irrigated category. This is consistent with conversions of former Agricultural lands to large residential parcels. Some of this area of these large, Exurban parcel remains in Agricultural uses (Irrigated and Non-Irrigated) that are either associated with an existing home or are parts of undeveloped parcels (Figure 30).
- For Region B, which contains Billings, Laurel and other heavily-developed regions, the majority of the subdivided lands are comprised of areas attributed as Urban in the land use mapping. As with Park County and Region A, there is a large area of subdivided land that does not appear to be developed.
- Region C is unique in that there is a large area of subdivided land (large >20 acre parcels) that is currently Irrigated (Figure 31). Some large area land owners subdivided land in anticipation of changes in Montana subdivision law. These parcels may reflect some of that process.
- In Region D, most of the subdivided land is already in Urban land uses. Very little Irrigated land is subdivided.

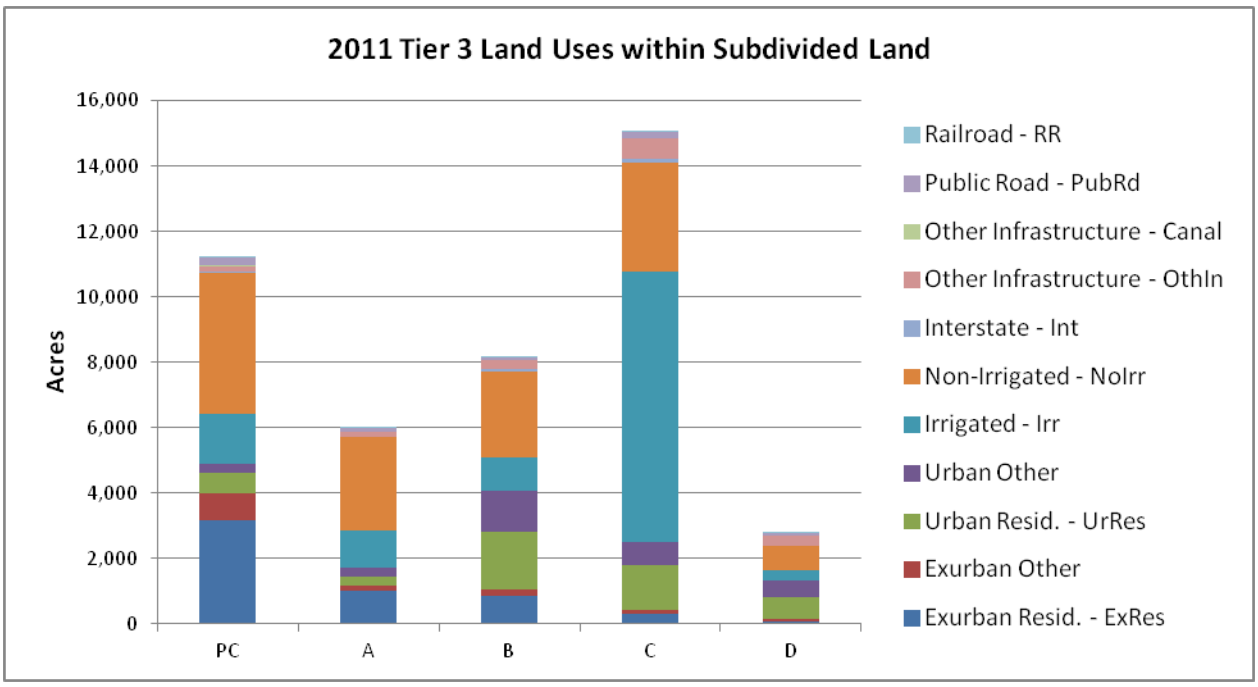

Figure 29. 2011 Tier 3 Land Use within subdivided lands.

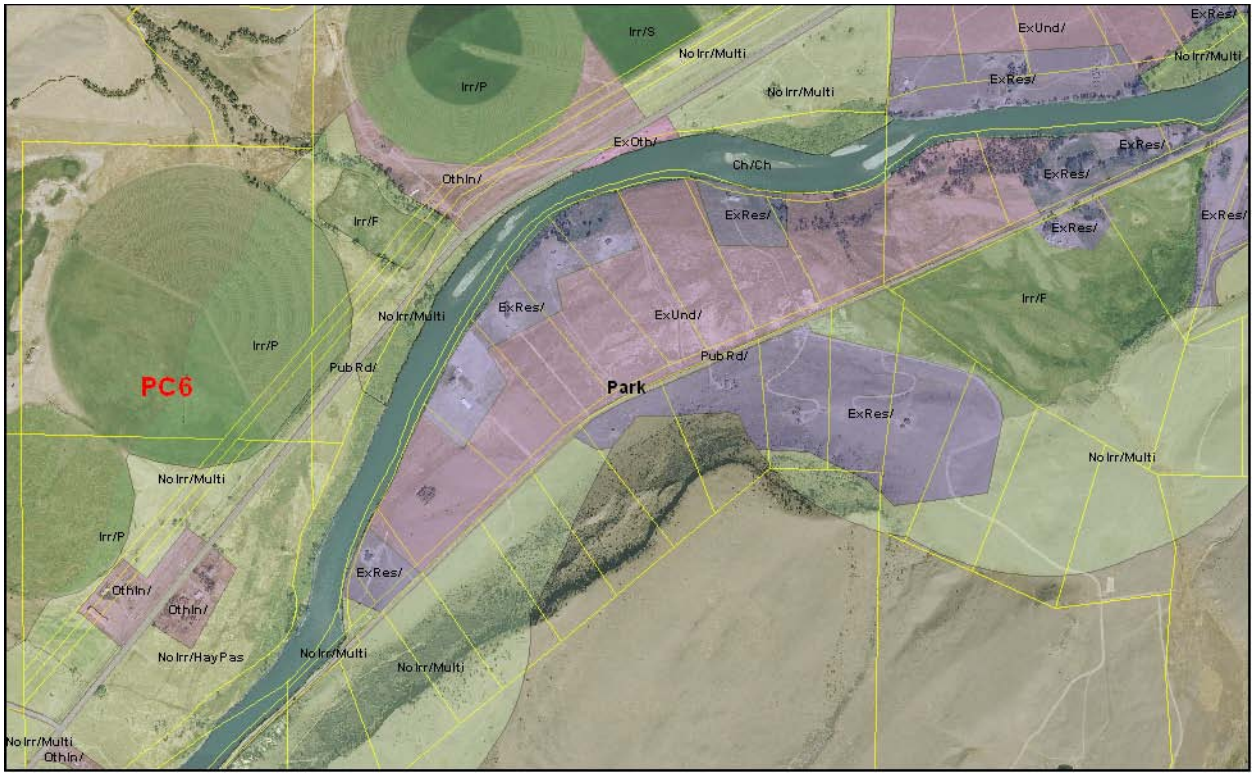

Figure 30. Tier 3/4 land use shown with cadastral parcel boundaries.

Figure 31. Large areas of Region C are subdivided (20-160 Ac parcels), bust still in Irrigated land use.

3.5 Land Use Conversions

The previous sections detailed land use trends and conversions in relation to another data set (e.g. physical features, 100-year inundation boundary, etc.). This section looks only at the land use conversions defined by the entire land use mapping data set. Specifically, the Agricultural conversions between 1950 to 2001 are investigated.

Between 1950 and 2011 land use throughout the corridor show both increasing area in production and an increase in the intensity of agricultural practices as evidenced through a conversion from Multiple-Use and Hayland/Pasture area to Irrigated lands, and from Flood Irrigation to Sprinker and Pivot systems (Figure 32; Table 10).

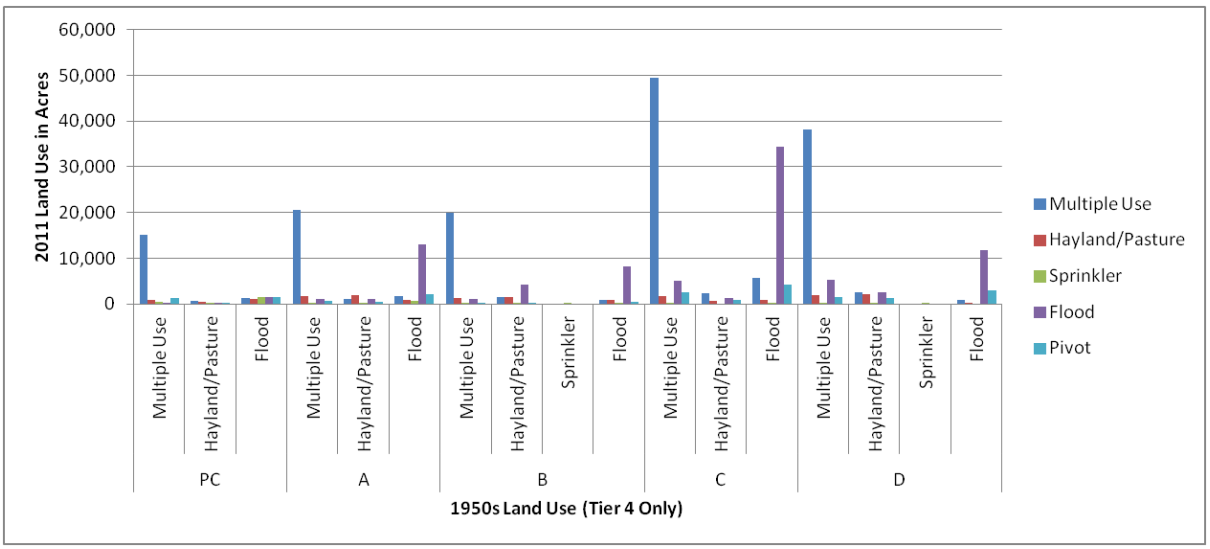

Figure 32. Conversion of Tier 4 land uses from 1950s to 2011.

	2001 Land Use				
1950s Land Use (Tier 4 Only)	**Multiple-Use**	**Hayland/ Pasture**	**Sprinkler**	**Flood**	**Pivot**
PC					
Multiple-Use	15,149	926	397	196	1,320
Hayland/Pasture	681	500	134	115	218
Flood	1,251	1,187	1,576	1,429	1,551
A					
Multiple-Use	20,538	1,787	41	1,131	673
Hayland/Pasture	1,204	1,926	49	1,124	423
Flood	1,710	980	683	12,944	2,115
B					
Multiple-Use	20,014	1,320	31	1,087	348
Hayland/Pasture	1,489	1,552	4	4,191	285
Sprinkler	0	0	6	0	0
Flood	808	919	114	8,262	411
C					
Multiple-Use	49,388	1,840	20	5,168	2,497
Hayland/Pasture	2,368	687	0	1,422	804
Flood	5,685	808	59	34,482	4,276
D					
Multiple-Use	38,180	2,020	177	5,212	1,587
Hayland/Pasture	2,598	2,203	48	2,611	1,368
Sprinkler	0	0	7	0	0
Flood	866	275	0	11,746	2,912

Table 10. Conversion of Tier 4 land uses from 1950s to 2011

Figure 33 shows conversions of 1950s Tier 1 Agricultural lands to 2011 Non-Agricultural land uses. The following information is evident:

- Park County, Region A and Region C show large areas of Agricultural land that were converted to Residential land uses. In Region B the residential growth is in both Urban and Exurban Residential categories. Much of the larger Exurban Residential does remain in small-scale agricultural production.
- The interstate construction starting in 1976 impacted Region A the most, with lesser amounts in Regions B, C, and D.
- Region B saw around 1,300 acres of Agricultural land converted to Industrial uses. This reflects the growth of both the refineries and gravel pits in the Billings area.
- Regions C and D show relatively little change.

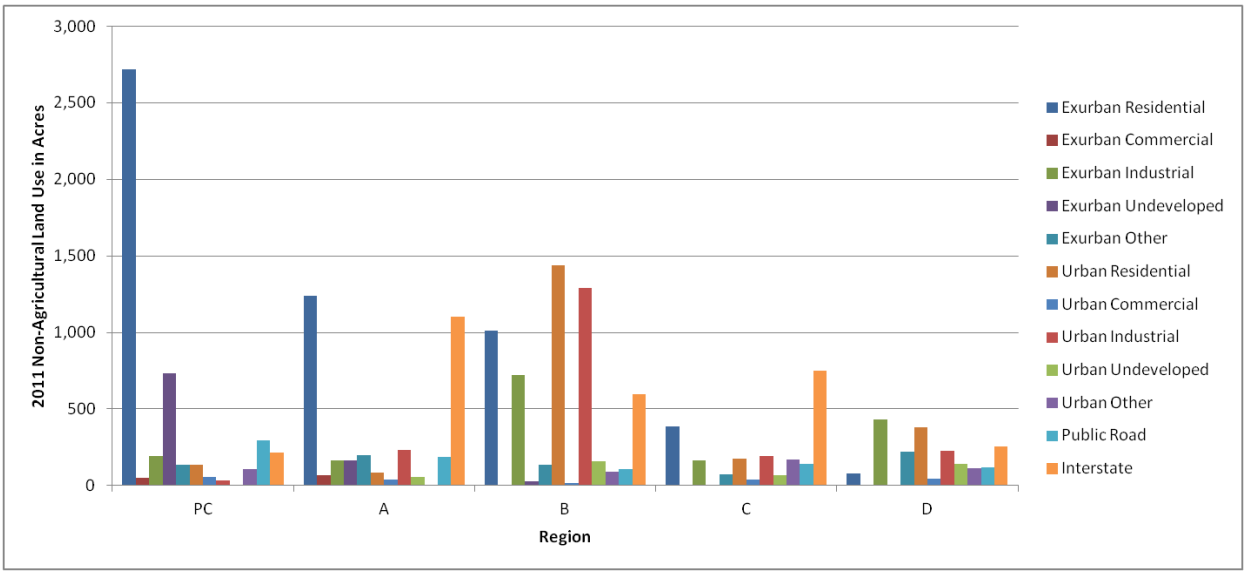

Figure 33. Conversions of 1950s Tier 1 Agricultural land to 2011 Non-Agricultural uses.

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5 Appendix A: Reach Descriptions

From Work Order #3: Geomorphic Parameters and GIS Development – Yellowstone River (DTM and AGI, 2007).

Reach Identification	*Length (km)*	*County*	*Classification*	*Comments*
PC1	7.6	Park	CS: Confined straight	*Gardiner* to *Little Trail Cr.*
PC2	5.0	Park	CM: Confined meandering	*Devil's Slide* area
PC3	16.6	Park	CS: Confined straight	*Corwin Springs* to *Carbella*; *Yankee Jim Canyon*
PC4	5.8	Park	CM: Confined meandering	*Carbella* to *Hwy 89 Br.*
PC5	6.2	Park	PCA: Partially confined anabranching	*Hwy 89 Br.* to *Big Creek*
PC6	6.9	Park	CM: Confined meandering	*Big Creek* to *Six Mile Cr*
PC7	9.9	Park	PCA: Partially confined anabranching	*Six Mile Cr* to *Grey Owl*
PC8	20.3	Park	CM: Confined meandering	*Grey Owl* to just below *Mallard's Rest*; very sinuous, confined
PC9	3.1	Park	PCA: Partially confined anabranching	To *Pine Creek*
PC10	5.6	Park	PCM: Partially confined meandering	To downstream of *Deep Creek*; *Weeping wall, Jumping Rainbow*; onset of *spring creeks*
PC11	3.8	Park	PCA: Partially confined anabranching	To near *Suce Cr*, Wineglass Mtn to west
PC12	3.2	Park	PCM: Partially confined meandering	To *Carters Bridge*
PC13	2.5	Park	PCB: Partially confined braided	Through canyon upstream of Livingston
PC14	5.6	Park	PCA: Partially confined anabranching	Through Interstate bridge crossing to *Livingston*; multiple threads
PC15	2.9	Park	PCS: Partially confined straight	To *Mayors Landing*; moderate south valley wall control
PC16	6.9	Park	PCA: Partially confined anabranching	To just upstream of *Hwy 89 bridge*
PC17	3.2	Park	PCB: Partially confined braided	Through Hwy 89 bridge crossing to *Shields River*
PC18	8.5	Park	UA: Unconfined anabranching	To below *Mission Creek*; multiple channels
PC19	4.4	Park	CS: Confined straight	To near *Locke Cr*; railroad closely borders to south
PC20	7.2	Park	PCS: Partially confined straight	Moderately confined canyon section; railroad closely borders to south
PC21	3.7	Park	PCA: Partially confined anabranching	To *Springdale*; multiple threads

A1	5.4	Sweetgrass	PCB: Partially confined braided	*Springdale*: Low primary sinuosity; large open bar area; extensive armoring
A2	11.1	Sweetgrass	UB: Unconfined braided	*Grey Bear* fishing access
A3	8.6	Sweetgrass	PCB: Partially confined braided	Upstream of *Big Timber*; Hell Creek Formation valley wall
A4	5.6	Sweetgrass	UB: Unconfined braided	To *Boulder River* confluence; encroachment at Big Timber; extensive armor
A5	5.2	Sweetgrass	UB: Unconfined braided	Low Qat1 terrace on right bank
A6	4.8	Sweetgrass	PCS: Partially confined straight	Channel closely follows left valley wall
A7	15.9	Sweetgrass	PCB: Partially confined braided	*Greycliff*: Narrow valley bottom with alluvial fan margins
A8	8.2	Sweetgrass	PCB: Partially confined braided	Floodplain isolation behind interstate and R/R
A9	6.2	Sweetgrass Stillwater	UA: Unconfined anabranching	To *Reed Pt*; extensive secondary channels in corridor
A10	6.9	Stillwater	PCS: Partially confined straight	Channel closely follows left valley wall
A11	11.2	Stillwater	PCB: Partially confined braided	High right bank terrace with bedrock toe; *I-90 bridge* crossing
A12	9.8	Stillwater	PCB: Partially confined braided	To *Stillwater* confluence
A13	5.8	Stillwater	PCA: Partially confined anabranching	*Columbus*; extensive armoring, broad islands
A14	12.5	Stillwater	PCA: Partially confined anabranching	Valley bottom crossover
A15	9.5	Stillwater, Carbon	PCB: Partially confined braided	Follows Stillwater/Carbon County line
A16	12.4	Stillwater, Carbon	PCA: Partially confined anabranching	*Park City*: Major shift in land use, and increase in valley bottom width
A17	10.4	Yellowstone Carbon	UA: Unconfined anabranching	To *Laurel;* WAI Reach A
A18	3.8	Yellowstone	UA: Unconfined anabranching	To Clark Fork; land use change to row crops; WAI Reach A
B1	24.6	Yellowstone	UB: Unconfined braided	Extensive armoring *u/s Billings*; WAI Reaches B,C,D
B2	9.8	Yellowstone	PCB: Partially confined braided	*Billings*; WAI Reach E
B3	7.0	Yellowstone	UB: Unconfined braided	Wide corridor d/s *Billings*; WAI Reach F
B4	6.1	Yellowstone	PCS: Partially confined straight	Channel closely follows right valley wall; extensive bank armor
B5	12.0	Yellowstone	UA: Unconfined anabranching	*Huntley:* includes *Spraklin Island*
B6	9.9	Yellowstone	PCB: Partially confined braided	Channel closely follows left valley wall
B7	13.9	Yellowstone	UB: Unconfined braided	Unconfined reach
B8	14.7	Yellowstone	PCA: Partially confined anabranching	*Pompey's Pillar*
B9	7.5	Yellowstone	UA: Unconfined anabranching	Meander cutoff isolated by railroad
B10	11.6	Yellowstone	PCM: Partially confined meandering	Encroached
B11	13.1	Yellowstone	PCA: Partially confined anabranching	To *Custer Bridge*

B12	7.3	Yellowstone	UA: Unconfined anabranching	To *Bighorn River* confluence
C1	9.5	Treasure	UA: Unconfined anabranching	From *Bighorn* confluence: Includes 1 mile of left bank valley wall control; Extensive bank protection.
C2	8.9	Treasure	PCB: Partially confined braided	To *Myers Br* (RM 285.5); Railroad adjacent to channel on valley wall; low sinuosity
C3	7.6	Treasure	UA: Unconfined anabranching	To *Yellowstone Diversion*: very sinuous; large meanders, extensive bars; historic avulsion
C4	6.1	Treasure	PCB: Partially confined braided	Below *Yellowstone Diversion*
C5	5.1	Treasure	PCS: Partially confined straight	*Hysham*
C6	9.1	Treasure	UA: Unconfined anabranching	*Mission Valley*
C7	14.7	Treasure	UA: Unconfined anabranching	*Mission Valley*
C8	10.4	Treasure Rosebud	PCS: Partially confined straight	Rosebud/Treasure County Line
C9	17.2	Rosebud	UA: Unconfined anabranching	*Hammond Valley*
C10	11.0	Rosebud	PCM: Partially confined meandering	*Forsyth*
C11	18.3	Rosebud	PCM/I: Partially confined meandering/islands	To *Cartersville Bridge*
C12	16.2	Rosebud	PCM/I: Partially confined meandering/islands	*Rosebud*; numerous meander cutoffs
C13	10.8	Rosebud	PCM/I: Partially confined meandering/islands	Valley bottom crossover
C14	19.6	Rosebud Custer	PCM/I: Partially confined meandering/islands	Series of meander bends
C15	6.0	Custer	PCS: Partially confined straight	Very low riparian vegetation
C16	11.6	Custer	PCM/I: Partially confined meandering/islands	to *Miles City*
C17	7.2	Custer	PCS: Partially confined straight	*Miles City; Tongue River*
C18	5.2	Custer	PCS: Partially confined straight	Channel follows left valley wall
C19	17.9	Custer	CS: Confined straight	Confined
C20	12.2	Custer Prairie	CS: Confined straight	Confined
C21	15.2	Custer Prairie	CM: Confined meandering	To *Powder River;* confined
D1	19.5	Prairie	CM: Confined meandering	To *Terry Bridge*; confined
D2	17.0	Prairie	CM: Confined meandering	To *Fallon, I-90 Bridge*; confined
D3	13.4	Prairie Dawson	PCS: Partially confined straight	Hugs right bank wall; into Dawson County
D4	17.7	Dawson	PCM/I: Partially confined meandering/islands	
D5	20.3	Dawson	PCA: Partially confined anabranching	Long secondary channels; to *Glendive*
D6	8.9	Dawson	PCM/I: Partially confined meandering/islands	*Glendive*
D7	12.3	Dawson	PCA: Partially confined anabranching	
D8	16.4	Dawson	PCA: Partially confined anabranching	To *Intake*

D9	5.6	Dawson	PCM/I: Partially confined meandering/islands	Downstream of *Intake*
D10	18.3	Dawson Wibaux Richland	PCA: Partially confined anabranching	Vegetated islands
D11	10.3	Richland	PCA: Partially confined anabranching	*Elk Island:* Very wide riparian; marked change in channel course since 1981 geologic map base
D12	21.9	Richland	PCA: Partially confined anabranching	Secondary channel on valley wall; Sinuous; long abandoned secondary channel
D13	13.8	Richland	PCM/I: Partially confined meandering/islands	
D14	23.1	Richland, McKenzie	PCM/I: Partially confined meandering/islands	Into *McKenzie County, North Dakota*: High sinuosity
D15	9.6	McKenzie	PCM/I: Partially confined meandering/islands	
D16	11.9	McKenzie	US/I: Unconfined straight/islands	*To mouth*: low sinuosity; alternate bars; vegetated islands

6 Appendix B: Land Use By Reach (Tier 3)

Appendix B shows reach-based summaries of the mapping data for Tiers 2 and 3. Tier 4 is not included as it relates only to the AgLnd (Agricultural Land) category, and including it in these summaries would expand out all other categories unnecessarily, making the table much longer. Appendix B expands out only the AgLnd category to Tier 4.

The totals at the bottom of each reach section (e.g. PC3 Total) should be the same for all years. This area represents the mappable footprint of the reach as defined by the common aerial photo extents for the reach. Only those areas that were mapped in each of the four years were used for analysis. The exception for this rule is in Reaches D15 and D16 which are in McKenzie County, North Dakota, where there is no 1976 photographic coverage. As such, the "Change between Years" is shown for 1950 to 2001 instead of 1950 to 1976 and 1976 to 2001.

The "% of Reach Area" calculations represent the percent of the mappable footprint for each land use category. The "Change Between Years" is simply the difference between the "% of Reach Area" for each pair of mapping data.

Tier 1 (LU1)	Tier 2 (LU2)	Tier 3 (LU3)
Agricultural (AG)	**Agricultural Land (AgLnd)** (Areas that show defined field boundaries, usually due to tilling, cropping, or other practices.)	**Irrigated (Irr)** (Determined by visual clues and associated data sets)
		Non-Irrigated (NoIrr) (Determined by visual clues and associated data sets)
	Ag Infrastrucure (AgInf)	**Canal (Can)** (Clearly-defined irrigation canals. Minor distribution ditches are not included)
		Roads (AgRds) (interpreted as non-public)
		Other (OthIn) (Feed Lot, Storage Bins, Corrals, Equipment Lots, etc.)
Non-Agricultural (NonAG)	**Urban (Urban)** (Within or associated with city limits. Note that boundaries do not exist for most cities.)	**Residential (UrRes)** (Determined by photo interpretation. Includes surface raods.)
		Commercial (UrCom) (Central business districts as determined by photo interpretation)
		Industrial (UrInd) (Larger buildings, lots, etc.; usually on the edges of Commercial areas or city limits.)
		Undeveloped (UrUnd) (Undeveloped land nested within largely urban development)
		Other (UrOth) (Park, Golf Course, Race Track, etc.)
	Exurban (ExUrb) (Outside city limits. Note that boundaries do not exist for most cities.)	**Residential (ExRes)** (Determined by photo interpretation. Includes surface raods.)
		Commercial (ExCom) (Central business districts as determined by photo interpretation)
		Industrial (ExInd) (Larger buildings, lots, etc.; usually on the edges of Commercial areas or city limits.)
		Undeveloped (UrUnd) (Undeveloped land nested within largely urban development)
		Other (ExOth) (Park, Golf Course, Race Track, etc.)
	Transportation (Trans) (Only public or interpreted key connector roads)	**Interstate (Int)**
		Public Road (PubRd) (May be paved or un-paved)
		Railroad (RR)

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
PC1	AgLnd	Irr	42.4	35.1	36.0	36.0	2.23%	1.85%	1.89%	1.89%	-0.38%	0.04%	0.00%	-0.34%
		NoIrr	1,605.4	1,432.8	1,361.7	1,363.5	84.49%	75.41%	71.66%	71.76%	-9.08%	-3.74%	0.10%	-12.73%
	AgLnd Total		**1,647.8**	**1,467.9**	**1,397.6**	**1,399.5**	**86.72%**	**77.26%**	**73.56%**	**73.65%**	-9.46%	-3.70%	0.10%	-13.07%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	1.8	1.8	1.8	0.0	0.09%	0.10%	0.10%	0.00%	0.00%	0.00%	-0.10%	-0.09%
	AgInf Total		**1.8**	**1.8**	**1.8**	**0.0**	**0.09%**	**0.10%**	**0.10%**	**0.00%**	0.00%	0.00%	-0.10%	-0.09%
	Ch	Ch	107.2	110.1	110.1	110.1	5.64%	5.80%	5.80%	5.80%	0.15%	0.00%	0.00%	0.15%
	Ch Total		**107.2**	**110.1**	**110.1**	**110.1**	**5.64%**	**5.80%**	**5.80%**	**5.80%**	0.15%	0.00%	0.00%	0.15%
	Urban	UrRes	16.4	30.1	76.5	76.5	0.86%	1.58%	4.03%	4.03%	0.72%	2.45%	0.00%	3.17%
		UrCom	30.0	57.0	70.9	70.9	1.58%	3.00%	3.73%	3.73%	1.42%	0.73%	0.00%	2.15%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	3.9	10.3	0.0	0.0	0.21%	0.54%	0.00%	0.00%	0.34%	-0.54%	0.00%	-0.21%
		UrOth	1.3	27.1	27.1	27.1	0.07%	1.43%	1.43%	1.43%	1.36%	0.00%	0.00%	1.36%
	Urban Total		**51.6**	**124.6**	**174.6**	**174.6**	**2.72%**	**6.56%**	**9.19%**	**9.19%**	3.84%	2.63%	0.00%	6.47%
	ExUrb	ExRes	0.0	25.1	26.8	26.8	0.00%	1.32%	1.41%	1.41%	1.32%	0.09%	0.00%	1.41%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	31.5	106.9	106.9	106.9	1.66%	5.63%	5.63%	5.63%	3.97%	0.00%	0.00%	3.97%
		ExUnd	0.0	0.0	18.5	18.5	0.00%	0.00%	0.97%	0.97%	0.00%	0.97%	0.00%	0.97%
		ExOth	0.0	5.6	5.6	5.6	0.00%	0.30%	0.30%	0.30%	0.30%	0.00%	0.00%	0.30%
	ExUrb Total		**31.5**	**137.6**	**157.9**	**157.9**	**1.66%**	**7.24%**	**8.31%**	**8.31%**	5.59%	1.07%	0.00%	6.65%
	Trans	Int	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		PubRd	60.1	58.0	58.0	58.0	3.16%	3.05%	3.05%	3.05%	-0.11%	0.00%	0.00%	-0.11%
		RR	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**60.1**	**58.0**	**58.0**	**58.0**	**3.16%**	**3.05%**	**3.05%**	**3.05%**	-0.11%	0.00%	0.00%	-0.11%
PC1 Total			**1,900.1**	**1,900.1**	**1,900.1**	**1,900.1**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
PC2	AgLnd	Irr	250.9	223.0	156.4	194.2	18.83%	16.74%	11.74%	14.58%	-2.09%	-5.00%	2.84%	-4.25%
		NoIrr	908.1	882.0	858.7	832.6	68.18%	66.22%	64.47%	62.51%	-1.96%	-1.75%	-1.96%	-5.67%
	AgLnd Total		**1,158.9**	**1,105.0**	**1,015.1**	**1,026.8**	**87.01%**	**82.96%**	**76.21%**	**77.10%**	-4.05%	-6.75%	0.88%	-9.92%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	20.8	31.9	35.9	24.1	1.56%	2.40%	2.69%	1.81%	0.84%	0.30%	-0.88%	0.25%
	AgInf Total		**20.8**	**31.9**	**35.9**	**24.1**	**1.56%**	**2.40%**	**2.69%**	**1.81%**	0.84%	0.30%	-0.88%	0.25%
	Ch	Ch	107.2	99.7	99.7	99.7	8.05%	7.48%	7.48%	7.48%	-0.57%	0.00%	0.00%	-0.57%
	Ch Total		**107.2**	**99.7**	**99.7**	**99.7**	**8.05%**	**7.48%**	**7.48%**	**7.48%**	-0.57%	0.00%	0.00%	-0.57%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	9.2	34.3	129.4	129.4	0.69%	2.58%	9.72%	9.72%	1.89%	7.14%	0.00%	9.03%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	9.1	0.0	0.0	0.00%	0.69%	0.00%	0.00%	0.69%	-0.69%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	16.0	16.0	16.0	0.00%	1.20%	1.20%	1.20%	1.20%	0.00%	0.00%	1.20%
	ExUrb Total		**9.2**	**59.5**	**145.5**	**145.5**	**0.69%**	**4.47%**	**10.92%**	**10.92%**	3.78%	6.45%	0.00%	10.23%
	Trans	Int	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		PubRd	35.8	35.8	35.8	35.8	2.69%	2.69%	2.69%	2.69%	0.00%	0.00%	0.00%	0.00%
		RR	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**35.8**	**35.8**	**35.8**	**35.8**	**2.69%**	**2.69%**	**2.69%**	**2.69%**	0.00%	0.00%	0.00%	0.00%
PC2 Total			**1,331.9**	**1,331.9**	**1,331.9**	**1,331.9**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
PC3	AgLnd	Irr	250.9	223.0	156.4	194.2	5.54%	4.93%	3.45%	4.29%	-0.62%	-1.47%	0.84%	-1.25%
		NoIrr	908.1	882.0	858.7	832.6	20.06%	19.49%	18.97%	18.39%	-0.58%	-0.51%	-0.58%	-1.67%
	AgLnd Total		**1,158.9**	**1,105.0**	**1,015.1**	**1,026.8**	**25.61%**	**24.41%**	**22.43%**	**22.69%**	-1.19%	-1.99%	0.26%	-2.92%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	20.8	31.9	35.9	24.1	0.46%	0.71%	0.79%	0.53%	0.25%	0.09%	-0.26%	0.07%
	AgInf Total		**20.8**	**31.9**	**35.9**	**24.1**	**0.46%**	**0.71%**	**0.79%**	**0.53%**	0.25%	0.09%	-0.26%	0.07%
	Ch	Ch	107.2	99.7	99.7	99.7	2.37%	2.20%	2.20%	2.20%	-0.17%	0.00%	0.00%	-0.17%
	Ch Total		**107.2**	**99.7**	**99.7**	**99.7**	**2.37%**	**2.20%**	**2.20%**	**2.20%**	-0.17%	0.00%	0.00%	-0.17%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	9.2	34.3	129.4	129.4	0.20%	0.76%	2.86%	2.86%	0.56%	2.10%	0.00%	2.66%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	9.1	0.0	0.0	0.00%	0.20%	0.00%	0.00%	0.20%	-0.20%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	16.0	16.0	16.0	0.00%	0.35%	0.35%	0.35%	0.35%	0.00%	0.00%	0.35%
	ExUrb Total		**9.2**	**59.5**	**145.5**	**145.5**	**0.20%**	**1.31%**	**3.21%**	**3.21%**	1.11%	1.90%	0.00%	3.01%
	Trans	Int	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		PubRd	35.8	35.8	35.8	35.8	0.79%	0.79%	0.79%	0.79%	0.00%	0.00%	0.00%	0.00%
		RR	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**35.8**	**35.8**	**35.8**	**35.8**	**0.79%**	**0.79%**	**0.79%**	**0.79%**	0.00%	0.00%	0.00%	0.00%
PC3 Total			**4,526.1**	**4,526.1**	**4,526.1**	**4,526.1**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
PC4	AgLnd	Irr	62.7	166.8	63.0	189.9	3.70%	9.85%	3.72%	11.21%	6.14%	-6.13%	7.49%	7.50%
		NoIrr	1,408.3	1,293.6	1,391.7	1,252.8	83.11%	76.34%	82.13%	73.94%	-6.77%	5.79%	-8.20%	-9.18%
	AgLnd Total		**1,471.0**	**1,460.5**	**1,454.7**	**1,442.7**	**86.81%**	**86.19%**	**85.85%**	**85.14%**	-0.62%	-0.34%	-0.71%	-1.67%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.1	0.1	0.00%	0.00%	0.01%	0.01%	0.00%	0.01%	0.00%	0.01%
		OthIn	8.0	2.4	3.7	3.7	0.47%	0.14%	0.22%	0.22%	-0.33%	0.07%	0.00%	-0.26%
	AgInf Total		**8.0**	**2.4**	**3.8**	**3.8**	**0.47%**	**0.14%**	**0.22%**	**0.22%**	-0.33%	0.08%	0.00%	-0.25%
	Ch	Ch	186.0	179.1	179.7	181.1	10.98%	10.57%	10.61%	10.69%	-0.41%	0.04%	0.08%	-0.29%
	Ch Total		**186.0**	**179.1**	**179.7**	**181.1**	**10.98%**	**10.57%**	**10.61%**	**10.69%**	-0.41%	0.04%	0.08%	-0.29%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	8.9	12.6	21.6	0.00%	0.52%	0.74%	1.27%	0.52%	0.22%	0.53%	1.27%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	0.0	1.7	0.00%	0.00%	0.00%	0.10%	0.00%	0.00%	0.10%	0.10%
	ExUrb Total		**0.0**	**8.9**	**12.6**	**23.2**	**0.00%**	**0.52%**	**0.74%**	**1.37%**	0.52%	0.22%	0.63%	1.37%
	Trans	Int	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		PubRd	29.4	43.6	43.6	43.6	1.73%	2.57%	2.57%	2.57%	0.84%	0.00%	0.00%	0.84%
		RR	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**29.4**	**43.6**	**43.6**	**43.6**	**1.73%**	**2.57%**	**2.57%**	**2.57%**	0.84%	0.00%	0.00%	0.84%
PC4 Total			**1,694.4**	**1,694.4**	**1,694.4**	**1,694.4**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
PC5	AgLnd	Irr	188.3	100.2	102.0	335.3	14.30%	7.61%	7.75%	25.47%	-6.69%	0.14%	17.72%	11.17%
		NoIrr	806.3	894.6	780.6	557.5	61.26%	67.97%	59.31%	42.35%	6.71%	-8.66%	-16.95%	-18.90%
	AgLnd Total		**994.5**	**994.8**	**882.7**	**892.7**	**75.56%**	**75.58%**	**67.06%**	**67.83%**	0.02%	-8.52%	0.77%	-7.73%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.2	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%	0.02%	0.02%
		OthIn	0.0	9.9	26.4	13.6	0.00%	0.75%	2.01%	1.03%	0.75%	1.25%	-0.97%	1.03%
	AgInf Total		**0.0**	**9.9**	**26.4**	**13.8**	**0.00%**	**0.75%**	**2.01%**	**1.05%**	0.75%	1.25%	-0.96%	1.05%
	Ch	Ch	287.0	252.0	253.5	258.3	21.80%	19.15%	19.26%	19.62%	-2.66%	0.11%	0.37%	-2.18%
	Ch Total		**287.0**	**252.0**	**253.5**	**258.3**	**21.80%**	**19.15%**	**19.26%**	**19.62%**	-2.66%	0.11%	0.37%	-2.18%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	3.3	71.3	62.2	0.00%	0.25%	5.42%	4.72%	0.25%	5.17%	-0.69%	4.72%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	6.5	6.5	0.00%	0.00%	0.50%	0.50%	0.00%	0.50%	0.00%	0.50%
		ExUnd	0.0	0.0	6.4	13.6	0.00%	0.00%	0.49%	1.03%	0.00%	0.49%	0.54%	1.03%
		ExOth	0.0	7.3	20.0	20.0	0.00%	0.56%	1.52%	1.52%	0.56%	0.96%	0.00%	1.52%
	ExUrb Total		**0.0**	**10.6**	**104.3**	**102.2**	**0.00%**	**0.81%**	**7.92%**	**7.77%**	0.81%	7.12%	-0.16%	7.77%
	Trans	Int	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		PubRd	34.7	48.9	49.4	49.2	2.64%	3.71%	3.75%	3.73%	1.08%	0.04%	-0.02%	1.10%
		RR	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**34.7**	**48.9**	**49.4**	**49.2**	**2.64%**	**3.71%**	**3.75%**	**3.73%**	1.08%	0.04%	-0.02%	1.10%
PC5 Total			**1,316.2**	**1,316.2**	**1,316.2**	**1,316.2**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
PC6	AgLnd	Irr	409.1	430.2	204.7	355.0	26.70%	28.08%	13.36%	23.17%	1.38%	-14.72%	9.81%	-3.53%
		NoIrr	869.3	800.1	902.6	415.1	56.73%	52.22%	58.90%	27.09%	-4.51%	6.68%	-31.81%	-29.64%
	AgLnd Total		**1,278.4**	**1,230.4**	**1,107.2**	**770.1**	**83.43%**	**80.29%**	**72.26%**	**50.26%**	-3.14%	-8.03%	-22.00%	-33.17%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	17.3	67.8	75.1	85.9	1.13%	4.42%	4.90%	5.60%	3.29%	0.48%	0.70%	4.47%
	AgInf Total		**17.3**	**67.8**	**75.1**	**85.9**	**1.13%**	**4.42%**	**4.90%**	**5.60%**	3.29%	0.48%	0.70%	4.47%
	Ch	Ch	191.8	188.0	188.1	188.1	12.52%	12.27%	12.28%	12.28%	-0.25%	0.01%	0.00%	-0.24%
	Ch Total		**191.8**	**188.0**	**188.1**	**188.1**	**12.52%**	**12.27%**	**12.28%**	**12.28%**	-0.25%	0.01%	0.00%	-0.24%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	0.0	104.0	210.6	0.00%	0.00%	6.79%	13.75%	0.00%	6.79%	6.96%	13.75%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	4.0	4.2	15.8	232.7	0.26%	0.27%	1.03%	15.18%	0.01%	0.76%	14.16%	14.92%
		ExOth	0.0	0.0	0.0	2.8	0.00%	0.00%	0.00%	0.19%	0.00%	0.00%	0.19%	0.19%
	ExUrb Total		**4.0**	**4.2**	**119.8**	**446.2**	**0.26%**	**0.27%**	**7.82%**	**29.12%**	0.01%	7.55%	21.30%	28.85%
	Trans	Int	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		PubRd	40.7	42.1	42.1	42.1	2.66%	2.75%	2.75%	2.75%	0.09%	0.00%	0.00%	0.09%
		RR	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**40.7**	**42.1**	**42.1**	**42.1**	**2.66%**	**2.75%**	**2.75%**	**2.75%**	0.09%	0.00%	0.00%	0.09%
PC6 Total			**1,532.3**	**1,532.3**	**1,532.3**	**1,532.3**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
PC7	AgLnd	Irr	414.7	315.4	264.9	237.3	15.21%	11.56%	9.71%	8.70%	-3.64%	-1.85%	-1.01%	-6.50%
		NoIrr	1,487.3	1,430.2	1,282.3	1,271.4	54.53%	52.44%	47.01%	46.61%	-2.09%	-5.42%	-0.40%	-7.92%
	AgLnd Total		**1,902.0**	**1,745.6**	**1,547.1**	**1,508.7**	**69.74%**	**64.00%**	**56.73%**	**55.32%**	-5.73%	-7.28%	-1.41%	-14.42%
	AgInf	Canal	32.5	33.0	32.9	32.8	1.19%	1.21%	1.21%	1.20%	0.02%	0.00%	0.00%	0.01%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	28.0	53.9	49.3	62.4	1.03%	1.98%	1.81%	2.29%	0.95%	-0.17%	0.48%	1.26%
	AgInf Total		**60.5**	**86.9**	**82.2**	**95.1**	**2.22%**	**3.19%**	**3.01%**	**3.49%**	0.97%	-0.17%	0.47%	1.27%
	Ch	Ch	701.4	721.4	765.7	767.4	25.72%	26.45%	28.07%	28.14%	0.73%	1.62%	0.06%	2.42%
	Ch Total		**701.4**	**721.4**	**765.7**	**767.4**	**25.72%**	**26.45%**	**28.07%**	**28.14%**	0.73%	1.62%	0.06%	2.42%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	21.9	93.7	236.0	251.2	0.80%	3.44%	8.65%	9.21%	2.63%	5.22%	0.56%	8.41%
		ExCom	0.0	21.1	29.9	29.9	0.00%	0.77%	1.10%	1.10%	0.77%	0.32%	0.00%	1.10%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	3.0	0.0	4.5	13.1	0.11%	0.00%	0.17%	0.48%	-0.11%	0.17%	0.32%	0.37%
		ExOth	0.0	1.4	3.5	3.5	0.00%	0.05%	0.13%	0.13%	0.05%	0.08%	0.00%	0.13%
	ExUrb Total		**24.9**	**116.2**	**273.9**	**297.7**	**0.91%**	**4.26%**	**10.04%**	**10.91%**	3.35%	5.78%	0.87%	10.00%
	Trans	Int	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		PubRd	38.7	57.4	58.5	58.5	1.42%	2.10%	2.15%	2.15%	0.69%	0.04%	0.00%	0.73%
		RR	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**38.7**	**57.4**	**58.5**	**58.5**	**1.42%**	**2.10%**	**2.15%**	**2.15%**	0.69%	0.04%	0.00%	0.73%
PC7 Total			**2,727.4**	**2,727.4**	**2,727.4**	**2,727.4**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
PC8	AgLnd	Irr	1,368.9	977.9	1,436.0	1,406.5	27.66%	19.76%	29.01%	28.42%	-7.90%	9.26%	-0.60%	0.76%
		NoIrr	2,965.8	3,113.8	1,985.2	1,431.6	59.92%	62.91%	40.11%	28.93%	2.99%	-22.80%	-11.18%	-31.00%
	AgLnd Total		**4,334.7**	**4,091.6**	**3,421.3**	**2,838.2**	**87.58%**	**82.67%**	**69.12%**	**57.34%**	-4.91%	-13.54%	-11.78%	-30.24%
	AgInf	Canal	40.8	40.8	40.7	40.7	0.82%	0.82%	0.82%	0.82%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	32.1	60.0	61.4	59.3	0.65%	1.21%	1.24%	1.20%	0.56%	0.03%	-0.04%	0.55%
	AgInf Total		**72.8**	**100.7**	**102.1**	**100.0**	**1.47%**	**2.03%**	**2.06%**	**2.02%**	0.56%	0.03%	-0.04%	0.55%
	Ch	Ch	511.2	493.0	510.4	511.1	10.33%	9.96%	10.31%	10.33%	-0.37%	0.35%	0.01%	0.00%
	Ch Total		**511.2**	**493.0**	**510.4**	**511.1**	**10.33%**	**9.96%**	**10.31%**	**10.33%**	-0.37%	0.35%	0.01%	0.00%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	1.9	1.9	3.5	0.00%	0.04%	0.04%	0.07%	0.04%	0.00%	0.03%	0.07%
	Urban Total		**0.0**	**1.9**	**1.9**	**3.5**	**0.00%**	**0.04%**	**0.04%**	**0.07%**	0.04%	0.00%	0.03%	0.07%
	ExUrb	ExRes	13.6	163.7	743.0	978.5	0.27%	3.31%	15.01%	19.77%	3.03%	11.70%	4.76%	19.50%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	68.2	415.6	0.00%	0.00%	1.38%	8.40%	0.00%	1.38%	7.02%	8.40%
		ExOth	0.0	35.8	39.0	38.9	0.00%	0.72%	0.79%	0.79%	0.72%	0.06%	0.00%	0.79%
	ExUrb Total		**13.6**	**199.5**	**850.1**	**1,433.0**	**0.27%**	**4.03%**	**17.18%**	**28.95%**	3.76%	13.14%	11.78%	28.68%
	Trans	Int	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		PubRd	17.1	62.6	63.7	63.7	0.35%	1.27%	1.29%	1.29%	0.92%	0.02%	0.00%	0.94%
		RR	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**17.1**	**62.6**	**63.7**	**63.7**	**0.35%**	**1.27%**	**1.29%**	**1.29%**	0.92%	0.02%	0.00%	0.94%
PC8 Total			**4,949.4**	**4,949.4**	**4,949.4**	**4,949.4**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
PC9	AgLnd	Irr	198.1	296.2	358.1	262.5	20.44%	30.56%	36.95%	27.09%	10.11%	6.39%	-9.86%	6.64%
		NoIrr	558.4	422.1	268.5	352.9	57.62%	43.55%	27.70%	36.41%	-14.07%	-15.85%	8.71%	-21.21%
	AgLnd Total		**756.6**	**718.2**	**626.6**	**615.4**	**78.07%**	**74.11%**	**64.65%**	**63.50%**	-3.96%	-9.46%	-1.15%	-14.57%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	4.2	19.6	43.0	39.3	0.43%	2.02%	4.44%	4.05%	1.59%	2.42%	-0.39%	3.62%
	AgInf Total		**4.2**	**19.6**	**43.0**	**39.3**	**0.43%**	**2.02%**	**4.44%**	**4.05%**	1.59%	2.42%	-0.39%	3.62%
	Ch	Ch	203.6	226.7	228.9	228.9	21.01%	23.39%	23.61%	23.61%	2.38%	0.23%	0.00%	2.61%
	Ch Total		**203.6**	**226.7**	**228.9**	**228.9**	**21.01%**	**23.39%**	**23.61%**	**23.61%**	2.38%	0.23%	0.00%	2.61%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	0.0	66.7	81.6	0.00%	0.00%	6.88%	8.42%	0.00%	6.88%	1.54%	8.42%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**0.0**	**0.0**	**66.7**	**81.6**	**0.00%**	**0.00%**	**6.88%**	**8.42%**	0.00%	6.88%	1.54%	8.42%
	Trans	Int	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		PubRd	4.8	4.7	4.1	4.1	0.49%	0.48%	0.42%	0.42%	-0.01%	-0.06%	0.00%	-0.07%
		RR	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**4.8**	**4.7**	**4.1**	**4.1**	**0.49%**	**0.48%**	**0.42%**	**0.42%**	-0.01%	-0.06%	0.00%	-0.07%
PC9 Total			**969.2**	**969.2**	**969.2**	**969.2**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
PC10	AgLnd	Irr	512.4	424.8	189.8	209.2	33.61%	27.87%	12.45%	13.72%	-5.75%	-15.41%	1.27%	-19.89%
		NoIrr	817.5	864.0	894.9	851.9	53.62%	56.67%	58.71%	55.88%	3.05%	2.03%	-2.82%	2.26%
	AgLnd Total		**1,329.9**	**1,288.8**	**1,084.8**	**1,061.1**	**87.24%**	**84.54%**	**71.16%**	**69.61%**	-2.70%	-13.38%	-1.55%	-17.63%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	30.9	48.8	62.2	54.8	2.03%	3.20%	4.08%	3.59%	1.18%	0.88%	-0.48%	1.57%
	AgInf Total		**30.9**	**48.8**	**62.2**	**54.8**	**2.03%**	**3.20%**	**4.08%**	**3.59%**	1.18%	0.88%	-0.48%	1.57%
	Ch	Ch	162.9	186.1	213.6	228.7	10.69%	12.21%	14.01%	15.00%	1.52%	1.81%	0.99%	4.32%
	Ch Total		**162.9**	**186.1**	**213.6**	**228.7**	**10.69%**	**12.21%**	**14.01%**	**15.00%**	1.52%	1.81%	0.99%	4.32%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	0.0	62.1	150.2	0.00%	0.00%	4.07%	9.85%	0.00%	4.07%	5.78%	9.85%
		ExCom	0.0	0.0	15.8	15.8	0.00%	0.00%	1.03%	1.03%	0.00%	1.03%	0.00%	1.03%
		ExInd	0.0	0.0	11.4	11.4	0.00%	0.00%	0.75%	0.75%	0.00%	0.75%	0.00%	0.75%
		ExUnd	0.0	0.0	72.1	0.0	0.00%	0.00%	4.73%	0.00%	0.00%	4.73%	-4.73%	0.00%
		ExOth	0.0	0.0	1.5	1.5	0.00%	0.00%	0.10%	0.10%	0.00%	0.10%	0.00%	0.10%
	ExUrb Total		**0.0**	**0.0**	**162.9**	**178.9**	**0.00%**	**0.00%**	**10.69%**	**11.73%**	0.00%	10.69%	1.05%	11.73%
	Trans	Int	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		PubRd	0.8	0.8	1.0	1.0	0.05%	0.05%	0.06%	0.06%	0.00%	0.01%	0.00%	0.01%
		RR	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**0.8**	**0.8**	**1.0**	**1.0**	**0.05%**	**0.05%**	**0.06%**	**0.06%**	0.00%	0.01%	0.00%	0.01%
PC10 Total			**1,524.4**	**1,524.4**	**1,524.4**	**1,524.4**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
PC11	AgLnd	Irr	501.0	446.8	391.9	320.2	40.20%	35.86%	31.45%	25.69%	-4.34%	-4.41%	-5.76%	-14.51%
		NoIrr	556.0	472.3	471.6	613.4	44.62%	37.90%	37.84%	49.22%	-6.71%	-0.06%	11.38%	4.60%
	AgLnd Total		**1,057.0**	**919.2**	**863.5**	**933.5**	**84.82%**	**73.76%**	**69.29%**	**74.91%**	-11.06%	-4.47%	5.62%	-9.90%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	18.7	75.7	74.8	64.2	1.50%	6.07%	6.00%	5.15%	4.57%	-0.07%	-0.85%	3.65%
	AgInf Total		**18.7**	**75.7**	**74.8**	**64.2**	**1.50%**	**6.07%**	**6.00%**	**5.15%**	4.57%	-0.07%	-0.85%	3.65%
	Ch	Ch	164.4	237.4	291.8	232.3	13.19%	19.05%	23.41%	18.64%	5.85%	4.37%	-4.77%	5.45%
	Ch Total		**164.4**	**237.4**	**291.8**	**232.3**	**13.19%**	**19.05%**	**23.41%**	**18.64%**	5.85%	4.37%	-4.77%	5.45%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	0.0	2.2	2.2	0.00%	0.00%	0.17%	0.17%	0.00%	0.17%	0.00%	0.17%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**0.0**	**0.0**	**2.2**	**2.2**	**0.00%**	**0.00%**	**0.17%**	**0.17%**	0.00%	0.17%	0.00%	0.17%
	Trans	Int	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		PubRd	6.1	14.0	14.0	14.0	0.49%	1.12%	1.12%	1.12%	0.63%	0.00%	0.00%	0.63%
		RR	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**6.1**	**14.0**	**14.0**	**14.0**	**0.49%**	**1.12%**	**1.12%**	**1.12%**	0.63%	0.00%	0.00%	0.63%
PC11 Total			**1,246.2**	**1,246.2**	**1,246.2**	**1,246.2**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
PC12	AgLnd	Irr	343.0	333.8	284.6	306.8	32.72%	31.83%	27.14%	29.26%	-0.88%	-4.69%	2.11%	-3.46%
		NoIrr	482.0	461.4	470.8	442.5	45.97%	44.01%	44.90%	42.20%	-1.96%	0.89%	-2.70%	-3.77%
	AgLnd Total		**825.0**	**795.2**	**755.4**	**749.2**	**78.69%**	**75.84%**	**72.04%**	**71.46%**	-2.85%	-3.80%	-0.58%	-7.23%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	2.5	2.5	0.00%	0.00%	0.24%	0.24%	0.00%	0.24%	0.00%	0.24%
		OthIn	39.0	40.8	51.5	54.6	3.72%	3.89%	4.91%	5.21%	0.17%	1.02%	0.30%	1.48%
	AgInf Total		**39.0**	**40.8**	**54.0**	**57.1**	**3.72%**	**3.89%**	**5.15%**	**5.44%**	0.17%	1.25%	0.30%	1.72%
	Ch	Ch	165.1	162.6	169.7	172.4	15.75%	15.51%	16.18%	16.44%	-0.23%	0.67%	0.26%	0.69%
	Ch Total		**165.1**	**162.6**	**169.7**	**172.4**	**15.75%**	**15.51%**	**16.18%**	**16.44%**	-0.23%	0.67%	0.26%	0.69%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	27.6	44.3	44.6	0.00%	2.64%	4.23%	4.25%	2.64%	1.59%	0.02%	4.25%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	3.2	3.0	3.0	0.00%	0.31%	0.29%	0.29%	0.31%	-0.02%	0.00%	0.29%
		ExOth	0.0	0.0	3.2	3.2	0.00%	0.00%	0.30%	0.30%	0.00%	0.30%	0.00%	0.30%
	ExUrb Total		**0.0**	**30.9**	**50.5**	**50.8**	**0.00%**	**2.94%**	**4.82%**	**4.84%**	2.94%	1.87%	0.02%	4.84%
	Trans	Int	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		PubRd	19.3	19.0	19.0	19.0	1.84%	1.81%	1.81%	1.81%	-0.03%	0.00%	0.00%	-0.03%
		RR	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**19.3**	**19.0**	**19.0**	**19.0**	**1.84%**	**1.81%**	**1.81%**	**1.81%**	-0.03%	0.00%	0.00%	-0.03%
PC12 Total			**1,048.5**	**1,048.5**	**1,048.5**	**1,048.5**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
PC13	AgLnd	Irr	35.9	0.0	11.3	4.2	7.70%	0.00%	2.43%	0.91%	-7.70%	2.43%	-1.52%	-6.79%
		NoIrr	255.7	225.4	205.2	208.1	54.76%	48.28%	43.95%	44.58%	-6.49%	-4.32%	0.63%	-10.18%
	AgLnd Total		**291.6**	**225.4**	**216.5**	**212.4**	**62.46%**	**48.28%**	**46.38%**	**45.48%**	-14.18%	-1.89%	-0.90%	-16.98%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	1.6	2.6	3.9	3.9	0.33%	0.56%	0.84%	0.84%	0.23%	0.28%	0.00%	0.51%
	AgInf Total		**1.6**	**2.6**	**3.9**	**3.9**	**0.33%**	**0.56%**	**0.84%**	**0.84%**	0.23%	0.28%	0.00%	0.51%
	Ch	Ch	156.5	153.4	152.7	156.9	33.51%	32.86%	32.71%	33.61%	-0.65%	-0.15%	0.90%	0.09%
	Ch Total		**156.5**	**153.4**	**152.7**	**156.9**	**33.51%**	**32.86%**	**32.71%**	**33.61%**	-0.65%	-0.15%	0.90%	0.09%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	3.4	70.1	77.7	79.9	0.73%	15.01%	16.64%	17.12%	14.27%	1.63%	0.48%	16.38%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	2.2	2.2	0.0	0.00%	0.48%	0.48%	0.00%	0.48%	0.00%	-0.48%	0.00%
		ExOth	1.5	1.5	2.1	2.1	0.33%	0.33%	0.46%	0.46%	0.00%	0.13%	0.00%	0.13%
	ExUrb Total		**5.0**	**73.8**	**82.1**	**82.1**	**1.06%**	**15.81%**	**17.58%**	**17.58%**	14.75%	1.76%	0.00%	16.51%
	Trans	Int	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		PubRd	12.3	11.6	11.6	11.6	2.63%	2.49%	2.49%	2.49%	-0.14%	0.00%	0.00%	-0.14%
		RR	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**12.3**	**11.6**	**11.6**	**11.6**	**2.63%**	**2.49%**	**2.49%**	**2.49%**	-0.14%	0.00%	0.00%	-0.14%
PC13 Total			466.9	466.9	466.9	466.9								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
PC14	AgLnd	Irr	149.7	26.5	33.7	33.7	9.58%	1.69%	2.16%	2.16%	-7.88%	0.46%	0.00%	-7.42%
		NoIrr	661.5	493.9	415.3	410.3	42.33%	31.60%	26.57%	26.26%	-10.73%	-5.03%	-0.31%	-16.07%
	AgLnd Total		**811.2**	**520.4**	**449.0**	**444.1**	**51.91%**	**33.30%**	**28.73%**	**28.41%**	-18.61%	-4.57%	-0.31%	-23.49%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	2.1	1.4	1.4	1.4	0.14%	0.09%	0.09%	0.09%	-0.05%	0.00%	0.00%	-0.05%
	AgInf Total		**2.1**	**1.4**	**1.4**	**1.4**	**0.14%**	**0.09%**	**0.09%**	**0.09%**	-0.05%	0.00%	0.00%	-0.05%
	Ch	Ch	416.5	431.8	443.1	448.0	26.65%	27.63%	28.35%	28.67%	0.98%	0.72%	0.31%	2.02%
	Ch Total		**416.5**	**431.8**	**443.1**	**448.0**	**26.65%**	**27.63%**	**28.35%**	**28.67%**	0.98%	0.72%	0.31%	2.02%
	Urban	UrRes	182.9	226.0	226.0	226.0	11.71%	14.46%	14.46%	14.46%	2.75%	0.00%	0.00%	2.75%
		UrCom	19.5	41.6	41.6	41.6	1.25%	2.66%	2.66%	2.66%	1.41%	0.00%	0.00%	1.41%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	25.3	0.0	0.0	0.0	1.62%	0.00%	0.00%	0.00%	-1.62%	0.00%	0.00%	-1.62%
		UrOth	49.4	60.6	60.6	60.6	3.16%	3.88%	3.88%	3.88%	0.72%	0.00%	0.00%	0.72%
	Urban Total		**277.1**	**328.2**	**328.2**	**328.2**	**17.73%**	**21.00%**	**21.00%**	**21.00%**	3.27%	0.00%	0.00%	3.27%
	ExUrb	ExRes	28.2	85.3	140.4	140.4	1.81%	5.46%	8.99%	8.99%	3.65%	3.53%	0.00%	7.18%
		ExCom	0.0	18.5	27.9	27.9	0.00%	1.18%	1.79%	1.79%	1.18%	0.60%	0.00%	1.79%
		ExInd	0.7	94.3	94.3	94.3	0.05%	6.03%	6.03%	6.03%	5.99%	0.00%	0.00%	5.99%
		ExUnd	0.0	15.5	3.8	3.8	0.00%	0.99%	0.24%	0.24%	0.99%	-0.75%	0.00%	0.24%
		ExOth	8.5	0.0	0.0	0.0	0.54%	0.00%	0.00%	0.00%	-0.54%	0.00%	0.00%	-0.54%
	ExUrb Total		**37.5**	**213.6**	**266.5**	**266.5**	**2.40%**	**13.67%**	**17.05%**	**17.05%**	11.27%	3.38%	0.00%	14.65%
	Trans	Int	0.0	34.0	34.0	34.0	0.00%	2.18%	2.18%	2.18%	2.18%	0.00%	0.00%	2.18%
		PubRd	18.4	33.5	40.7	40.7	1.18%	2.14%	2.60%	2.60%	0.96%	0.46%	0.00%	1.43%
		RR	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**18.4**	**67.5**	**74.7**	**74.7**	**1.18%**	**4.32%**	**4.78%**	**4.78%**	3.14%	0.46%	0.00%	3.60%
PC14 Total			1,562.8	1,562.8	1,562.8	1,562.8								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
PC15	AgLnd	Irr	13.5	18.1	18.1	18.1	1.29%	1.73%	1.73%	1.73%	0.44%	0.00%	0.00%	0.44%
		NoIrr	504.0	412.6	309.6	350.4	48.11%	39.38%	29.55%	33.44%	-8.72%	-9.84%	3.89%	-14.66%
	AgLnd Total		**517.5**	**430.8**	**327.7**	**368.5**	**49.40%**	**41.12%**	**31.28%**	**35.17%**	-8.28%	-9.84%	3.89%	-14.22%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	6.7	12.7	25.6	25.6	0.64%	1.21%	2.44%	2.44%	0.57%	1.23%	0.00%	1.80%
	AgInf Total		**6.7**	**12.7**	**25.6**	**25.6**	**0.64%**	**1.21%**	**2.44%**	**2.44%**	0.57%	1.23%	0.00%	1.80%
	Ch	Ch	90.7	97.0	109.2	106.0	8.66%	9.25%	10.42%	10.12%	0.60%	1.17%	-0.31%	1.46%
	Ch Total		**90.7**	**97.0**	**109.2**	**106.0**	**8.66%**	**9.25%**	**10.42%**	**10.12%**	0.60%	1.17%	-0.31%	1.46%
	Urban	UrRes	204.8	236.0	246.0	246.0	19.55%	22.53%	23.48%	23.48%	2.98%	0.95%	0.00%	3.92%
		UrCom	48.7	68.4	68.4	48.7	4.65%	6.53%	6.53%	4.65%	1.88%	0.00%	-1.88%	0.00%
		UrInd	40.7	45.1	45.7	45.7	3.88%	4.31%	4.37%	4.37%	0.42%	0.06%	0.00%	0.48%
		UrUnd	78.0	17.4	0.0	0.0	7.44%	1.66%	0.00%	0.00%	-5.79%	-1.66%	0.00%	-7.44%
		UrOth	21.3	85.5	122.9	122.9	2.03%	8.17%	11.73%	11.73%	6.13%	3.56%	0.00%	9.69%
	Urban Total		**393.6**	**452.5**	**483.0**	**463.3**	**37.57%**	**43.19%**	**46.11%**	**44.22%**	5.63%	2.91%	-1.88%	6.66%
	ExUrb	ExRes	0.0	3.9	17.1	17.1	0.00%	0.37%	1.63%	1.63%	0.37%	1.26%	0.00%	1.63%
		ExCom	0.0	0.0	0.0	19.7	0.00%	0.00%	0.00%	1.88%	0.00%	0.00%	1.88%	1.88%
		ExInd	2.7	16.6	51.5	13.9	0.26%	1.59%	4.91%	1.33%	1.33%	3.33%	-3.59%	1.07%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	5.0	0.0	0.0	0.0	0.48%	0.00%	0.00%	0.00%	-0.48%	0.00%	0.00%	-0.48%
	ExUrb Total		**7.7**	**20.5**	**68.5**	**50.7**	**0.74%**	**1.96%**	**6.54%**	**4.84%**	1.22%	4.58%	-1.70%	4.10%
	Trans	Int	0.0	2.9	2.9	2.9	0.00%	0.27%	0.27%	0.27%	0.27%	0.00%	0.00%	0.27%
		PubRd	17.8	17.8	17.8	17.8	1.70%	1.70%	1.70%	1.70%	-0.01%	0.00%	0.00%	-0.01%
		RR	13.6	13.6	13.0	13.0	1.30%	1.30%	1.24%	1.24%	0.00%	-0.06%	0.00%	-0.06%
	Trans Total		**31.5**	**34.2**	**33.6**	**33.6**	**3.00%**	**3.27%**	**3.21%**	**3.21%**	0.26%	-0.06%	0.00%	0.21%
PC15 Total			1,047.7	1,047.7	1,047.7	1,047.7								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
PC16	AgLnd	Irr	662.0	801.6	708.4	488.4	26.67%	32.30%	28.54%	19.68%	5.63%	-3.76%	-8.86%	-6.99%
		NoIrr	1,299.2	956.5	823.7	1,041.7	52.35%	38.54%	33.19%	41.97%	-13.81%	-5.35%	8.78%	-10.38%
	AgLnd Total		**1,961.2**	**1,758.1**	**1,532.0**	**1,530.1**	**79.02%**	**70.84%**	**61.73%**	**61.65%**	-8.18%	-9.11%	-0.08%	-17.37%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	46.6	130.0	181.5	155.8	1.88%	5.24%	7.31%	6.28%	3.36%	2.08%	-1.04%	4.40%
	AgInf Total		**46.6**	**130.0**	**181.5**	**155.8**	**1.88%**	**5.24%**	**7.31%**	**6.28%**	3.36%	2.08%	-1.04%	4.40%
	Ch	Ch	433.1	388.3	462.7	485.4	17.45%	15.65%	18.64%	19.56%	-1.80%	3.00%	0.91%	2.11%
	Ch Total		**433.1**	**388.3**	**462.7**	**485.4**	**17.45%**	**15.65%**	**18.64%**	**19.56%**	-1.80%	3.00%	0.91%	2.11%
	Urban	UrRes	7.7	24.1	36.7	36.7	0.31%	0.97%	1.48%	1.48%	0.66%	0.51%	0.00%	1.17%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	32.7	32.7	0.00%	0.00%	1.32%	1.32%	0.00%	1.32%	0.00%	1.32%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**7.7**	**24.1**	**69.4**	**69.4**	**0.31%**	**0.97%**	**2.80%**	**2.80%**	0.66%	1.83%	0.00%	2.49%
	ExUrb	ExRes	1.0	100.1	203.4	208.4	0.04%	4.03%	8.20%	8.40%	3.99%	4.17%	0.20%	8.36%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	31.1	0.0	0.0	0.00%	1.25%	0.00%	0.00%	1.25%	-1.25%	0.00%	0.00%
		ExUnd	0.0	17.5	0.0	0.0	0.00%	0.70%	0.00%	0.00%	0.70%	-0.70%	0.00%	0.00%
		ExOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**1.0**	**148.6**	**203.4**	**208.4**	**0.04%**	**5.99%**	**8.20%**	**8.40%**	5.95%	2.21%	0.20%	8.36%
	Trans	Int	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		PubRd	27.4	27.9	27.9	27.9	1.11%	1.12%	1.12%	1.12%	0.02%	0.00%	0.00%	0.02%
		RR	5.0	4.9	4.9	4.9	0.20%	0.20%	0.20%	0.20%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**32.4**	**32.8**	**32.8**	**32.8**	**1.30%**	**1.32%**	**1.32%**	**1.32%**	0.02%	0.00%	0.00%	0.02%
PC16 Total			**2,481.9**	**2,481.9**	**2,481.9**	**2,481.9**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
PC17	AgLnd	Irr	383.7	255.0	254.8	125.4	39.49%	26.25%	26.23%	12.91%	-13.24%	-0.02%	-13.32%	-26.59%
		NoIrr	462.3	520.6	493.0	610.7	47.59%	53.59%	50.75%	62.87%	6.00%	-2.84%	12.12%	15.28%
	AgLnd Total		**845.9**	**775.6**	**747.8**	**736.1**	**87.08%**	**79.85%**	**76.98%**	**75.78%**	-7.24%	-2.86%	-1.20%	-11.30%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	10.9	31.5	37.5	43.6	1.12%	3.24%	3.86%	4.49%	2.12%	0.63%	0.62%	3.37%
	AgInf Total		**10.9**	**31.5**	**37.5**	**43.6**	**1.12%**	**3.24%**	**3.86%**	**4.49%**	2.12%	0.63%	0.62%	3.37%
	Ch	Ch	96.2	125.8	130.7	132.0	9.90%	12.95%	13.45%	13.59%	3.05%	0.50%	0.14%	3.69%
	Ch Total		**96.2**	**125.8**	**130.7**	**132.0**	**9.90%**	**12.95%**	**13.45%**	**13.59%**	3.05%	0.50%	0.14%	3.69%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	1.1	17.4	21.6	0.00%	0.11%	1.79%	2.23%	0.11%	1.68%	0.44%	2.23%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	8.2	8.2	8.2	0.00%	0.84%	0.84%	0.84%	0.84%	0.00%	0.00%	0.84%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	9.2	9.8	9.8	0.00%	0.95%	1.01%	1.01%	0.95%	0.06%	0.00%	1.01%
	ExUrb Total		**0.0**	**18.5**	**35.4**	**39.7**	**0.00%**	**1.90%**	**3.64%**	**4.08%**	1.90%	1.74%	0.44%	4.08%
	Trans	Int	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		PubRd	11.4	20.0	20.0	20.0	1.18%	2.06%	2.06%	2.06%	0.88%	0.00%	0.00%	0.88%
		RR	7.0	0.0	0.0	0.0	0.72%	0.00%	0.00%	0.00%	-0.72%	0.00%	0.00%	-0.72%
	Trans Total		**18.4**	**20.0**	**20.0**	**20.0**	**1.89%**	**2.06%**	**2.06%**	**2.06%**	0.17%	0.00%	0.00%	0.17%
PC17 Total			**971.4**	**971.4**	**971.4**	**971.4**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
PC18	AgLnd	Irr	1,364.7	1,350.6	1,124.0	843.1	35.98%	35.61%	29.64%	22.23%	-0.37%	-5.98%	-7.41%	-13.75%
		NoIrr	1,728.0	1,662.9	1,671.1	1,885.0	45.57%	43.85%	44.07%	49.70%	-1.72%	0.22%	5.64%	4.14%
	AgLnd Total		**3,092.7**	**3,013.6**	**2,795.2**	**2,728.1**	**81.55%**	**79.46%**	**73.71%**	**71.94%**	-2.09%	-5.76%	-1.77%	-9.61%
	AgInf	Canal	22.7	23.0	23.1	23.1	0.60%	0.61%	0.61%	0.61%	0.01%	0.00%	0.00%	0.01%
		AgRds	0.0	0.0	6.0	6.0	0.00%	0.00%	0.16%	0.16%	0.00%	0.16%	0.00%	0.16%
		OthIn	63.6	92.4	131.2	141.5	1.68%	2.44%	3.46%	3.73%	0.76%	1.02%	0.27%	2.06%
	AgInf Total		**86.3**	**115.4**	**160.3**	**170.6**	**2.28%**	**3.04%**	**4.23%**	**4.50%**	0.77%	1.18%	0.27%	2.22%
	Ch	Ch	529.8	528.3	565.4	583.1	13.97%	13.93%	14.91%	15.38%	-0.04%	0.98%	0.47%	1.41%
	Ch Total		**529.8**	**528.3**	**565.4**	**583.1**	**13.97%**	**13.93%**	**14.91%**	**15.38%**	-0.04%	0.98%	0.47%	1.41%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	23.2	104.2	143.2	0.00%	0.61%	2.75%	3.78%	0.61%	2.14%	1.03%	3.78%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	12.1	12.1	0.00%	0.00%	0.32%	0.32%	0.00%	0.32%	0.00%	0.32%
		ExOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**0.0**	**23.2**	**116.3**	**155.3**	**0.00%**	**0.61%**	**3.07%**	**4.10%**	0.61%	2.46%	1.03%	4.10%
	Trans	Int	0.0	67.0	87.5	87.5	0.00%	1.77%	2.31%	2.31%	1.77%	0.54%	0.00%	2.31%
		PubRd	62.4	23.8	46.6	46.6	1.65%	0.63%	1.23%	1.23%	-1.02%	0.60%	0.00%	-0.42%
		RR	21.2	21.2	21.2	21.2	0.56%	0.56%	0.56%	0.56%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**83.6**	**111.9**	**155.2**	**155.2**	**2.20%**	**2.95%**	**4.09%**	**4.09%**	0.75%	1.14%	0.00%	1.89%
PC18 Total			**3,792.4**	**3,792.4**	**3,792.4**	**3,792.4**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
PC19	AgLnd	Irr	685.8	612.6	611.1	653.7	40.47%	36.15%	36.06%	38.57%	-4.32%	-0.09%	2.51%	-1.89%
		NoIrr	836.6	885.0	842.0	796.6	49.37%	52.22%	49.69%	47.01%	2.85%	-2.53%	-2.68%	-2.36%
	AgLnd Total		**1,522.4**	**1,497.6**	**1,453.1**	**1,450.2**	**89.83%**	**88.37%**	**85.75%**	**85.58%**	-1.46%	-2.62%	-0.17%	-4.26%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	9.0	16.3	19.3	22.2	0.53%	0.96%	1.14%	1.31%	0.43%	0.18%	0.17%	0.78%
	AgInf Total		**9.0**	**16.3**	**19.3**	**22.2**	**0.53%**	**0.96%**	**1.14%**	**1.31%**	0.43%	0.18%	0.17%	0.78%
	Ch	Ch	116.3	118.7	119.3	119.3	6.86%	7.00%	7.04%	7.04%	0.14%	0.04%	0.00%	0.18%
	Ch Total		**116.3**	**118.7**	**119.3**	**119.3**	**6.86%**	**7.00%**	**7.04%**	**7.04%**	0.14%	0.04%	0.00%	0.18%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	1.0	0.0	0.0	0.00%	0.06%	0.00%	0.00%	0.06%	-0.06%	0.00%	0.00%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**0.0**	**1.0**	**0.0**	**0.0**	**0.00%**	**0.06%**	**0.00%**	**0.00%**	0.06%	-0.06%	0.00%	0.00%
	Trans	Int	0.0	0.0	72.1	72.1	0.00%	0.00%	4.26%	4.26%	0.00%	4.26%	0.00%	4.26%
		PubRd	30.9	45.0	14.7	14.7	1.82%	2.65%	0.86%	0.86%	0.83%	-1.79%	0.00%	-0.96%
		RR	16.1	16.1	16.1	16.1	0.95%	0.95%	0.95%	0.95%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**47.0**	**61.0**	**102.8**	**102.8**	**2.77%**	**3.60%**	**6.07%**	**6.07%**	0.83%	2.47%	0.00%	3.30%
PC19 Total			**1,694.6**	**1,694.6**	**1,694.6**	**1,694.6**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
PC20	AgLnd	Irr	133.5	117.2	193.4	203.2	5.22%	4.59%	7.57%	7.95%	-0.64%	2.98%	0.38%	2.73%
		NoIrr	2,032.2	1,986.6	1,818.5	1,784.2	79.52%	77.73%	71.16%	69.81%	-1.79%	-6.58%	-1.34%	-9.71%
	AgLnd Total		**2,165.7**	**2,103.8**	**2,011.9**	**1,987.4**	**84.74%**	**82.32%**	**78.72%**	**77.76%**	-2.42%	-3.59%	-0.96%	-6.98%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	27.4	32.9	60.1	71.6	1.07%	1.29%	2.35%	2.80%	0.22%	1.06%	0.45%	1.73%
	AgInf Total		**27.4**	**32.9**	**60.1**	**71.6**	**1.07%**	**1.29%**	**2.35%**	**2.80%**	0.22%	1.06%	0.45%	1.73%
	Ch	Ch	280.9	311.6	333.1	346.2	10.99%	12.19%	13.04%	13.55%	1.20%	0.84%	0.51%	2.55%
	Ch Total		**280.9**	**311.6**	**333.1**	**346.2**	**10.99%**	**12.19%**	**13.04%**	**13.55%**	1.20%	0.84%	0.51%	2.55%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	Trans	Int	0.0	81.2	111.8	111.8	0.00%	3.18%	4.37%	4.37%	3.18%	1.20%	0.00%	4.37%
		PubRd	53.6	0.0	12.6	12.6	2.10%	0.00%	0.49%	0.49%	-2.10%	0.49%	0.00%	-1.60%
		RR	28.0	26.2	26.1	26.1	1.10%	1.02%	1.02%	1.02%	-0.07%	0.00%	0.00%	-0.07%
	Trans Total		**81.6**	**107.4**	**150.5**	**150.5**	**3.19%**	**4.20%**	**5.89%**	**5.89%**	1.01%	1.69%	0.00%	2.70%
PC20 Total			**2,555.7**	**2,555.7**	**2,555.7**	**2,555.7**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
PC21	AgLnd	Irr	148.2	264.1	290.8	335.6	12.12%	21.60%	23.79%	27.45%	9.48%	2.19%	3.66%	15.33%
		NoIrr	770.1	623.0	554.8	496.5	63.00%	50.97%	45.39%	40.61%	-12.03%	-5.58%	-4.77%	-22.39%
	AgLnd Total		**918.3**	**887.1**	**845.6**	**832.0**	**75.12%**	**72.57%**	**69.18%**	**68.07%**	-2.55%	-3.39%	-1.11%	-7.06%
	AgInf	Canal	18.2	19.6	20.1	19.9	1.49%	1.60%	1.65%	1.63%	0.12%	0.04%	-0.02%	0.14%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	0.0	17.3	28.1	53.9	0.00%	1.41%	2.30%	4.41%	1.41%	0.89%	2.11%	4.41%
	AgInf Total		**18.2**	**36.9**	**48.2**	**73.8**	**1.49%**	**3.02%**	**3.95%**	**6.04%**	1.53%	0.93%	2.09%	4.55%
	Ch	Ch	235.3	230.7	249.0	236.9	19.25%	18.87%	20.37%	19.38%	-0.38%	1.50%	-0.99%	0.13%
	Ch Total		**235.3**	**230.7**	**249.0**	**236.9**	**19.25%**	**18.87%**	**20.37%**	**19.38%**	-0.38%	1.50%	-0.99%	0.13%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	12.5	12.5	14.6	14.6	1.03%	1.03%	1.20%	1.20%	0.00%	0.17%	0.00%	0.17%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	6.6	6.7	0.00%	0.00%	0.54%	0.54%	0.00%	0.54%	0.01%	0.54%
	ExUrb Total		**12.5**	**12.5**	**21.2**	**21.3**	**1.03%**	**1.03%**	**1.73%**	**1.74%**	0.00%	0.71%	0.01%	0.72%
	Trans	Int	0.0	43.5	43.5	43.5	0.00%	3.56%	3.56%	3.56%	3.56%	0.00%	0.00%	3.56%
		PubRd	28.4	3.0	6.2	6.2	2.33%	0.25%	0.51%	0.51%	-2.08%	0.26%	0.00%	-1.82%
		RR	9.6	8.7	8.7	8.7	0.79%	0.71%	0.71%	0.71%	-0.08%	0.00%	0.00%	-0.08%
	Trans Total		**38.1**	**55.2**	**58.3**	**58.3**	**3.11%**	**4.51%**	**4.77%**	**4.77%**	1.40%	0.26%	0.00%	1.66%
PC21 Total			**1,222.4**	**1,222.4**	**1,222.4**	**1,222.4**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
A1	AgLnd	Irr	803.4	766.3	699.8	678.3	34.66%	33.06%	30.19%	29.26%	-1.60%	-2.87%	-0.93%	-5.40%
		NoIrr	1,189.4	1,206.8	1,152.2	1,111.5	51.30%	52.05%	49.70%	47.94%	0.75%	-2.35%	-1.76%	-3.36%
	AgLnd Total		**1,992.8**	**1,973.1**	**1,852.0**	**1,789.8**	**85.96%**	**85.11%**	**79.88%**	**77.20%**	-0.85%	-5.22%	-2.68%	-8.76%
	AgInf	Canal	16.3	16.3	16.3	16.3	0.70%	0.70%	0.70%	0.70%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	35.8	33.3	65.2	93.1	1.55%	1.44%	2.81%	4.02%	-0.11%	1.37%	1.20%	2.47%
	AgInf Total		**52.1**	**49.6**	**81.4**	**109.4**	**2.25%**	**2.14%**	**3.51%**	**4.72%**	-0.11%	1.37%	1.20%	2.47%
	Ch	Ch	220.4	242.7	298.0	332.2	9.51%	10.47%	12.85%	14.33%	0.96%	2.39%	1.48%	4.82%
	Ch Total		**220.4**	**242.7**	**298.0**	**332.2**	**9.51%**	**10.47%**	**12.85%**	**14.33%**	0.96%	2.39%	1.48%	4.82%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	5.4	5.4	5.4	5.4	0.23%	0.23%	0.23%	0.23%	0.00%	0.00%	0.00%	0.00%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**5.4**	**5.4**	**5.4**	**5.4**	**0.23%**	**0.23%**	**0.23%**	**0.23%**	0.00%	0.00%	0.00%	0.00%
	Trans	Int	0.0	0.0	47.6	47.6	0.00%	0.00%	2.05%	2.05%	0.00%	2.05%	0.00%	2.05%
		PubRd	28.0	28.0	14.4	14.4	1.21%	1.21%	0.62%	0.62%	0.00%	-0.59%	0.00%	-0.59%
		RR	19.6	19.6	19.6	19.6	0.85%	0.85%	0.85%	0.85%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**47.6**	**47.6**	**81.5**	**81.5**	**2.05%**	**2.05%**	**3.52%**	**3.52%**	0.00%	1.46%	0.00%	1.46%
A1 Total			**2,318.4**	**2,318.4**	**2,318.4**	**2,318.4**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
A2	AgLnd	Irr	2,014.7	2,327.3	2,114.2	2,044.2	44.24%	51.10%	46.43%	44.89%	6.86%	-4.68%	-1.54%	0.65%
		NoIrr	1,698.6	1,339.5	1,531.3	1,504.6	37.30%	29.41%	33.62%	33.04%	-7.89%	4.21%	-0.59%	-4.26%
	AgLnd Total		**3,713.3**	**3,666.7**	**3,645.6**	**3,548.8**	**81.54%**	**80.52%**	**80.05%**	**77.93%**	-1.02%	-0.47%	-2.12%	-3.61%
	AgInf	Canal	54.6	54.7	54.4	54.4	1.20%	1.20%	1.19%	1.19%	0.00%	-0.01%	0.00%	-0.01%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	86.4	118.8	128.7	163.5	1.90%	2.61%	2.83%	3.59%	0.71%	0.22%	0.76%	1.69%
	AgInf Total		**141.0**	**173.6**	**183.1**	**217.9**	**3.10%**	**3.81%**	**4.02%**	**4.78%**	0.71%	0.21%	0.76%	1.69%
	Ch	Ch	608.2	622.4	575.3	623.5	13.35%	13.67%	12.63%	13.69%	0.31%	-1.03%	1.06%	0.34%
	Ch Total		**608.2**	**622.4**	**575.3**	**623.5**	**13.35%**	**13.67%**	**12.63%**	**13.69%**	0.31%	-1.03%	1.06%	0.34%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	0.0	0.0	13.4	0.00%	0.00%	0.00%	0.29%	0.00%	0.00%	0.29%	0.29%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**0.0**	**0.0**	**0.0**	**13.4**	**0.00%**	**0.00%**	**0.00%**	**0.29%**	0.00%	0.00%	0.29%	0.29%
	Trans	Int	0.0	0.0	61.6	61.6	0.00%	0.00%	1.35%	1.35%	0.00%	1.35%	0.00%	1.35%
		PubRd	51.8	51.7	48.7	49.1	1.14%	1.13%	1.07%	1.08%	0.00%	-0.06%	0.01%	-0.06%
		RR	39.7	39.7	39.7	39.7	0.87%	0.87%	0.87%	0.87%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**91.6**	**91.4**	**150.1**	**150.5**	**2.01%**	**2.01%**	**3.30%**	**3.30%**	0.00%	1.29%	0.01%	1.29%
A2 Total			**4,554.1**	**4,554.1**	**4,554.1**	**4,554.1**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
A3	AgLnd	Irr	1,492.4	1,626.7	1,668.5	1,670.4	41.38%	45.10%	46.26%	46.31%	3.72%	1.16%	0.05%	4.93%
		NoIrr	1,557.7	1,350.7	1,315.5	1,310.8	43.19%	37.45%	36.47%	36.34%	-5.74%	-0.98%	-0.13%	-6.84%
	AgLnd Total		**3,050.1**	**2,977.4**	**2,984.0**	**2,981.2**	**84.57%**	**82.55%**	**82.73%**	**82.66%**	-2.01%	0.18%	-0.08%	-1.91%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	7.3	12.2	22.0	22.0	0.20%	0.34%	0.61%	0.61%	0.14%	0.27%	0.00%	0.41%
	AgInf Total		**7.3**	**12.2**	**22.0**	**22.0**	**0.20%**	**0.34%**	**0.61%**	**0.61%**	0.14%	0.27%	0.00%	0.41%
	Ch	Ch	546.0	611.3	594.4	597.2	15.14%	16.95%	16.48%	16.56%	1.81%	-0.47%	0.08%	1.42%
	Ch Total		**546.0**	**611.3**	**594.4**	**597.2**	**15.14%**	**16.95%**	**16.48%**	**16.56%**	1.81%	-0.47%	0.08%	1.42%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	Trans	Int	0.0	0.0	0.1	0.1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		PubRd	1.0	3.4	3.9	3.9	0.03%	0.09%	0.11%	0.11%	0.06%	0.01%	0.00%	0.08%
		RR	2.3	2.3	2.3	2.3	0.06%	0.06%	0.06%	0.06%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**3.3**	**5.7**	**6.3**	**6.3**	**0.09%**	**0.16%**	**0.17%**	**0.17%**	0.06%	0.02%	0.00%	0.08%
A3 Total			**3,606.7**	**3,606.7**	**3,606.7**	**3,606.7**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
A4	AgLnd	Irr	1,161.8	858.3	899.8	881.5	38.33%	28.32%	29.69%	29.08%	-10.01%	1.37%	-0.60%	-9.25%
		NoIrr	1,219.0	1,430.9	1,248.5	1,273.4	40.22%	47.21%	41.19%	42.01%	6.99%	-6.02%	0.82%	1.80%
	AgLnd Total		**2,380.8**	**2,289.1**	**2,148.4**	**2,154.9**	**78.55%**	**75.52%**	**70.88%**	**71.10%**	-3.02%	-4.64%	0.22%	-7.45%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	112.7	146.5	128.8	138.6	3.72%	4.83%	4.25%	4.57%	1.11%	-0.58%	0.33%	0.86%
	AgInf Total		**112.7**	**146.5**	**128.8**	**138.6**	**3.72%**	**4.83%**	**4.25%**	**4.57%**	1.11%	-0.58%	0.33%	0.86%
	Ch	Ch	278.0	282.7	292.1	299.2	9.17%	9.33%	9.64%	9.87%	0.16%	0.31%	0.24%	0.70%
	Ch Total		**278.0**	**282.7**	**292.1**	**299.2**	**9.17%**	**9.33%**	**9.64%**	**9.87%**	0.16%	0.31%	0.24%	0.70%
	Urban	UrRes	61.1	60.3	77.6	77.6	2.02%	1.99%	2.56%	2.56%	-0.03%	0.57%	0.00%	0.54%
		UrCom	50.1	88.6	142.0	119.9	1.65%	2.92%	4.68%	3.96%	1.27%	1.76%	-0.73%	2.30%
		UrInd	0.0	17.2	5.0	5.0	0.00%	0.57%	0.17%	0.17%	0.57%	-0.40%	0.00%	0.17%
		UrUnd	65.4	62.8	53.2	66.1	2.16%	2.07%	1.75%	2.18%	-0.09%	-0.32%	0.43%	0.02%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**176.6**	**228.9**	**277.8**	**268.6**	**5.83%**	**7.55%**	**9.16%**	**8.86%**	1.72%	1.61%	-0.30%	3.04%
	ExUrb	ExRes	0.0	0.4	42.1	42.1	0.00%	0.01%	1.39%	1.39%	0.01%	1.38%	0.00%	1.39%
		ExCom	22.3	22.3	35.5	44.5	0.73%	0.73%	1.17%	1.47%	0.00%	0.44%	0.29%	0.73%
		ExInd	0.0	0.0	14.4	0.0	0.00%	0.00%	0.48%	0.00%	0.00%	0.48%	-0.48%	0.00%
		ExUnd	0.0	0.0	27.6	18.7	0.00%	0.00%	0.91%	0.62%	0.00%	0.91%	-0.29%	0.62%
		ExOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**22.3**	**22.6**	**119.6**	**105.2**	**0.73%**	**0.75%**	**3.95%**	**3.47%**	0.01%	3.20%	-0.48%	2.74%
	Trans	Int	0.0	0.0	1.0	1.0	0.00%	0.00%	0.03%	0.03%	0.00%	0.03%	0.00%	0.03%
		PubRd	42.0	42.4	44.5	44.5	1.38%	1.40%	1.47%	1.47%	0.02%	0.07%	0.00%	0.09%
		RR	18.8	18.8	18.8	18.8	0.62%	0.62%	0.62%	0.62%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**60.8**	**61.3**	**64.4**	**64.4**	**2.01%**	**2.02%**	**2.12%**	**2.12%**	0.02%	0.10%	0.00%	0.12%
A4 Total			**3,031.0**	**3,031.0**	**3,031.0**	**3,031.0**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
A5	AgLnd	Irr	733.8	745.8	543.1	554.2	40.40%	41.06%	29.90%	30.51%	0.66%	-11.16%	0.61%	-9.89%
		NoIrr	847.0	798.0	935.9	892.8	46.63%	43.93%	51.52%	49.15%	-2.70%	7.59%	-2.37%	2.52%
	AgLnd Total		**1,580.8**	**1,543.8**	**1,478.9**	**1,447.0**	**87.02%**	**84.98%**	**81.42%**	**79.66%**	-2.04%	-3.57%	-1.76%	-7.36%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	18.0	34.1	62.2	62.8	0.99%	1.88%	3.42%	3.45%	0.88%	1.55%	0.03%	2.46%
	AgInf Total		**18.0**	**34.1**	**62.2**	**62.8**	**0.99%**	**1.88%**	**3.42%**	**3.45%**	0.88%	1.55%	0.03%	2.46%
	Ch	Ch	209.8	218.8	236.0	235.5	11.55%	12.05%	12.99%	12.96%	0.50%	0.95%	-0.03%	1.42%
	Ch Total		**209.8**	**218.8**	**236.0**	**235.5**	**11.55%**	**12.05%**	**12.99%**	**12.96%**	0.50%	0.95%	-0.03%	1.42%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	0.0	5.5	33.1	0.00%	0.00%	0.30%	1.82%	0.00%	0.30%	1.52%	1.82%
		ExCom	0.8	12.8	18.2	18.2	0.05%	0.70%	1.00%	1.00%	0.66%	0.30%	0.00%	0.96%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	3.1	7.4	0.00%	0.00%	0.17%	0.41%	0.00%	0.17%	0.24%	0.41%
		ExOth	0.0	0.0	5.5	5.5	0.00%	0.00%	0.30%	0.30%	0.00%	0.30%	0.00%	0.30%
	ExUrb Total		**0.8**	**12.8**	**32.3**	**64.2**	**0.05%**	**0.70%**	**1.78%**	**3.53%**	0.66%	1.07%	1.76%	3.49%
	Trans	Int	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		PubRd	4.2	4.2	4.2	4.2	0.23%	0.23%	0.23%	0.23%	0.00%	0.00%	0.00%	0.00%
		RR	2.9	2.9	2.9	2.9	0.16%	0.16%	0.16%	0.16%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**7.1**	**7.1**	**7.1**	**7.1**	**0.39%**	**0.39%**	**0.39%**	**0.39%**	0.00%	0.00%	0.00%	0.00%
A5 Total			**1,816.5**	**1,816.5**	**1,816.5**	**1,816.5**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
A6	AgLnd	Irr	936.4	869.9	834.3	825.2	46.27%	42.99%	41.23%	40.78%	-3.28%	-1.76%	-0.45%	-5.49%
		NoIrr	885.5	947.5	805.0	713.6	43.76%	46.82%	39.78%	35.27%	3.06%	-7.04%	-4.52%	-8.49%
	AgLnd Total		**1,821.9**	**1,817.4**	**1,639.3**	**1,538.8**	**90.03%**	**89.81%**	**81.01%**	**76.05%**	-0.22%	-8.80%	-4.97%	-13.99%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	16.8	22.5	22.1	6.4	0.83%	1.11%	1.09%	0.32%	0.28%	-0.02%	-0.77%	-0.51%
	AgInf Total		**16.8**	**22.5**	**22.1**	**6.4**	**0.83%**	**1.11%**	**1.09%**	**0.32%**	0.28%	-0.02%	-0.77%	-0.51%
	Ch	Ch	165.7	164.5	181.0	202.4	8.19%	8.13%	8.95%	10.00%	-0.06%	0.81%	1.05%	1.81%
	Ch Total		**165.7**	**164.5**	**181.0**	**202.4**	**8.19%**	**8.13%**	**8.95%**	**10.00%**	-0.06%	0.81%	1.05%	1.81%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	0.0	103.7	161.8	0.00%	0.00%	5.12%	8.00%	0.00%	5.12%	2.87%	8.00%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	36.7	0.00%	0.00%	0.00%	1.81%	0.00%	0.00%	1.81%	1.81%
		ExOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**0.0**	**0.0**	**103.7**	**198.5**	**0.00%**	**0.00%**	**5.12%**	**9.81%**	0.00%	5.12%	4.69%	9.81%
	Trans	Int	0.0	0.0	58.3	58.3	0.00%	0.00%	2.88%	2.88%	0.00%	2.88%	0.00%	2.88%
		PubRd	6.6	6.6	6.6	6.6	0.33%	0.33%	0.33%	0.33%	0.00%	0.00%	0.00%	0.00%
		RR	12.5	12.5	12.5	12.5	0.62%	0.62%	0.62%	0.62%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**19.1**	**19.1**	**77.4**	**77.4**	**0.95%**	**0.95%**	**3.83%**	**3.83%**	0.00%	2.88%	0.00%	2.88%
A6 Total			**2,023.5**	**2,023.5**	**2,023.5**	**2,023.5**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
A7	AgLnd	Irr	2,027.4	2,203.2	2,663.5	2,604.0	30.84%	33.52%	40.52%	39.61%	2.67%	7.00%	-0.90%	8.77%
		NoIrr	3,625.5	3,237.9	2,560.1	2,550.6	55.15%	49.26%	38.94%	38.80%	-5.90%	-10.31%	-0.14%	-16.35%
	AgLnd Total		**5,652.9**	**5,441.2**	**5,223.6**	**5,154.6**	**85.99%**	**82.77%**	**79.46%**	**78.41%**	-3.22%	-3.31%	-1.05%	-7.58%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	1.4	6.8	0.00%	0.00%	0.02%	0.10%	0.00%	0.02%	0.08%	0.10%
		OthIn	77.6	106.6	160.9	160.9	1.18%	1.62%	2.45%	2.45%	0.44%	0.83%	0.00%	1.27%
	AgInf Total		**77.6**	**106.6**	**162.3**	**167.7**	**1.18%**	**1.62%**	**2.47%**	**2.55%**	0.44%	0.85%	0.08%	1.37%
	Ch	Ch	715.8	759.9	762.7	817.2	10.89%	11.56%	11.60%	12.43%	0.67%	0.04%	0.83%	1.54%
	Ch Total		**715.8**	**759.9**	**762.7**	**817.2**	**10.89%**	**11.56%**	**11.60%**	**12.43%**	0.67%	0.04%	0.83%	1.54%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	17.2	20.0	107.2	113.1	0.26%	0.30%	1.63%	1.72%	0.04%	1.33%	0.09%	1.46%
		ExCom	0.0	0.0	7.9	12.5	0.00%	0.00%	0.12%	0.19%	0.00%	0.12%	0.07%	0.19%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	6.0	0.0	0.00%	0.00%	0.09%	0.00%	0.00%	0.09%	-0.09%	0.00%
		ExOth	0.0	5.0	8.5	12.7	0.00%	0.08%	0.13%	0.19%	0.08%	0.05%	0.06%	0.19%
	ExUrb Total		**17.2**	**25.0**	**129.6**	**138.4**	**0.26%**	**0.38%**	**1.97%**	**2.10%**	0.12%	1.59%	0.13%	1.84%
	Trans	Int	0.0	111.9	162.3	162.3	0.00%	1.70%	2.47%	2.47%	1.70%	0.77%	0.00%	2.47%
		PubRd	63.8	82.8	86.9	87.3	0.97%	1.26%	1.32%	1.33%	0.29%	0.06%	0.01%	0.36%
		RR	46.3	46.3	46.3	46.3	0.70%	0.70%	0.70%	0.70%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**110.1**	**241.0**	**295.5**	**295.9**	**1.68%**	**3.67%**	**4.50%**	**4.50%**	1.99%	0.83%	0.01%	2.83%
A7 Total			**6,573.7**	**6,573.7**	**6,573.7**	**6,573.7**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
A8	AgLnd	Irr	1,161.0	1,097.6	947.0	959.5	29.06%	27.47%	23.71%	24.02%	-1.59%	-3.77%	0.31%	-5.04%
		NoIrr	2,124.2	2,010.5	2,111.6	2,060.2	53.17%	50.33%	52.86%	51.57%	-2.85%	2.53%	-1.29%	-1.60%
	AgLnd Total		**3,285.3**	**3,108.1**	**3,058.7**	**3,019.8**	**82.23%**	**77.80%**	**76.56%**	**75.59%**	-4.44%	-1.24%	-0.97%	-6.65%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	63.0	76.3	109.8	128.0	1.58%	1.91%	2.75%	3.20%	0.33%	0.84%	0.45%	1.63%
	AgInf Total		**63.0**	**76.3**	**109.8**	**128.0**	**1.58%**	**1.91%**	**2.75%**	**3.20%**	0.33%	0.84%	0.45%	1.63%
	Ch	Ch	592.1	587.7	587.5	608.3	14.82%	14.71%	14.71%	15.23%	-0.11%	0.00%	0.52%	0.40%
	Ch Total		**592.1**	**587.7**	**587.5**	**608.3**	**14.82%**	**14.71%**	**14.71%**	**15.23%**	-0.11%	0.00%	0.52%	0.40%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	0.0	7.1	7.1	0.00%	0.00%	0.18%	0.18%	0.00%	0.18%	0.00%	0.18%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	3.1	3.1	3.1	0.00%	0.08%	0.08%	0.08%	0.08%	0.00%	0.00%	0.08%
	ExUrb Total		**0.0**	**3.1**	**10.2**	**10.2**	**0.00%**	**0.08%**	**0.25%**	**0.25%**	0.08%	0.18%	0.00%	0.25%
	Trans	Int	0.0	140.5	140.5	140.5	0.00%	3.52%	3.52%	3.52%	3.52%	0.00%	0.00%	3.52%
		PubRd	27.6	52.4	61.3	61.3	0.69%	1.31%	1.54%	1.54%	0.62%	0.22%	0.00%	0.84%
		RR	26.9	26.9	26.9	26.9	0.67%	0.67%	0.67%	0.67%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**54.6**	**219.9**	**228.8**	**228.8**	**1.37%**	**5.50%**	**5.73%**	**5.73%**	4.14%	0.22%	0.00%	4.36%
A8 Total			**3,995.0**	**3,995.0**	**3,995.0**	**3,995.0**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
A9	AgLnd	Irr	462.8	450.1	490.6	614.0	16.96%	16.49%	17.98%	22.50%	-0.47%	1.48%	4.52%	5.54%
		NoIrr	1,546.5	1,440.8	1,318.7	1,146.1	56.67%	52.80%	48.32%	42.00%	-3.87%	-4.47%	-6.33%	-14.67%
	AgLnd Total		**2,009.3**	**1,890.9**	**1,809.4**	**1,760.1**	**73.63%**	**69.29%**	**66.30%**	**64.50%**	-4.34%	-2.99%	-1.80%	-9.13%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	27.7	17.2	24.2	26.9	1.02%	0.63%	0.89%	0.98%	-0.39%	0.26%	0.10%	-0.03%
	AgInf Total		**27.7**	**17.2**	**24.2**	**26.9**	**1.02%**	**0.63%**	**0.89%**	**0.98%**	-0.39%	0.26%	0.10%	-0.03%
	Ch	Ch	621.8	624.3	621.7	657.5	22.79%	22.88%	22.78%	24.09%	0.09%	-0.10%	1.31%	1.31%
	Ch Total		**621.8**	**624.3**	**621.7**	**657.5**	**22.79%**	**22.88%**	**22.78%**	**24.09%**	0.09%	-0.10%	1.31%	1.31%
	Urban	UrRes	15.6	10.8	16.1	16.1	0.57%	0.40%	0.59%	0.59%	-0.18%	0.19%	0.00%	0.02%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	6.5	27.6	27.2	0.00%	0.24%	1.01%	1.00%	0.24%	0.77%	-0.01%	1.00%
		UrUnd	0.0	0.0	13.6	2.4	0.00%	0.00%	0.50%	0.09%	0.00%	0.50%	-0.41%	0.09%
		UrOth	0.0	0.0	2.2	2.2	0.00%	0.00%	0.08%	0.08%	0.00%	0.08%	0.00%	0.08%
	Urban Total		**15.6**	**17.3**	**59.5**	**48.0**	**0.57%**	**0.63%**	**2.18%**	**1.76%**	0.06%	1.55%	-0.42%	1.18%
	ExUrb	ExRes	0.0	9.5	45.1	67.4	0.00%	0.35%	1.65%	2.47%	0.35%	1.31%	0.82%	2.47%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**0.0**	**9.5**	**45.1**	**67.4**	**0.00%**	**0.35%**	**1.65%**	**2.47%**	0.35%	1.31%	0.82%	2.47%
	Trans	Int	0.0	104.1	104.1	104.1	0.00%	3.81%	3.81%	3.81%	3.81%	0.00%	0.00%	3.81%
		PubRd	33.4	44.6	44.0	44.0	1.22%	1.64%	1.61%	1.61%	0.41%	-0.02%	0.00%	0.39%
		RR	21.0	21.0	21.0	21.0	0.77%	0.77%	0.77%	0.77%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**54.4**	**169.8**	**169.1**	**169.1**	**1.99%**	**6.22%**	**6.20%**	**6.20%**	4.23%	-0.02%	0.00%	4.20%
A9 Total			**2,728.9**	**2,728.9**	**2,728.9**	**2,728.9**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
A10	AgLnd	Irr	636.2	604.0	601.8	597.4	21.26%	20.19%	20.11%	19.97%	-1.08%	-0.07%	-0.15%	-1.29%
		NoIrr	1,914.5	1,825.1	1,816.2	1,773.3	63.99%	61.00%	60.70%	59.27%	-2.99%	-0.30%	-1.43%	-4.72%
	AgLnd Total		**2,550.7**	**2,429.1**	**2,418.0**	**2,370.7**	**85.25%**	**81.18%**	**80.81%**	**79.23%**	-4.07%	-0.37%	-1.58%	-6.01%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	23.4	16.0	22.5	27.9	0.78%	0.54%	0.75%	0.93%	-0.25%	0.22%	0.18%	0.15%
	AgInf Total		**23.4**	**16.0**	**22.5**	**27.9**	**0.78%**	**0.54%**	**0.75%**	**0.93%**	-0.25%	0.22%	0.18%	0.15%
	Ch	Ch	316.7	318.9	313.2	348.9	10.58%	10.66%	10.47%	11.66%	0.08%	-0.19%	1.19%	1.08%
	Ch Total		**316.7**	**318.9**	**313.2**	**348.9**	**10.58%**	**10.66%**	**10.47%**	**11.66%**	0.08%	-0.19%	1.19%	1.08%
	Urban	UrRes	46.2	43.9	43.9	43.9	1.54%	1.47%	1.47%	1.47%	-0.08%	0.00%	0.00%	-0.08%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	9.5	9.5	12.4	0.00%	0.32%	0.32%	0.42%	0.32%	0.00%	0.10%	0.42%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**46.2**	**53.4**	**53.4**	**56.4**	**1.54%**	**1.79%**	**1.79%**	**1.88%**	0.24%	0.00%	0.10%	0.34%
	ExUrb	ExRes	0.0	0.0	1.1	4.4	0.00%	0.00%	0.04%	0.15%	0.00%	0.04%	0.11%	0.15%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	17.1	25.7	25.7	0.00%	0.57%	0.86%	0.86%	0.57%	0.28%	0.00%	0.86%
	ExUrb Total		**0.0**	**17.1**	**26.8**	**30.0**	**0.00%**	**0.57%**	**0.89%**	**1.00%**	0.57%	0.32%	0.11%	1.00%
	Trans	Int	0.0	108.5	108.5	108.5	0.00%	3.63%	3.63%	3.63%	3.63%	0.00%	0.00%	3.63%
		PubRd	32.7	26.6	27.2	27.2	1.09%	0.89%	0.91%	0.91%	-0.20%	0.02%	0.00%	-0.18%
		RR	22.5	22.4	22.4	22.4	0.75%	0.75%	0.75%	0.75%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**55.1**	**157.5**	**158.2**	**158.2**	**1.84%**	**5.26%**	**5.29%**	**5.29%**	3.42%	0.02%	0.00%	3.44%
A10 Total			**2,992.1**	**2,992.1**	**2,992.1**	**2,992.1**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
A11	AgLnd	Irr	351.2	514.6	467.8	530.6	9.81%	14.37%	13.07%	14.82%	4.56%	-1.31%	1.75%	5.01%
		NoIrr	2,521.0	2,099.5	2,002.5	1,826.4	70.42%	58.64%	55.94%	51.01%	-11.77%	-2.71%	-4.92%	-19.40%
	AgLnd Total		**2,872.2**	**2,614.1**	**2,470.3**	**2,357.0**	**80.23%**	**73.02%**	**69.00%**	**65.84%**	-7.21%	-4.02%	-3.17%	-14.39%
	AgInf	Canal	35.4	34.2	34.9	34.9	0.99%	0.95%	0.97%	0.97%	-0.04%	0.02%	0.00%	-0.02%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	13.9	25.3	47.0	72.8	0.39%	0.71%	1.31%	2.03%	0.32%	0.61%	0.72%	1.64%
	AgInf Total		**49.4**	**59.4**	**81.9**	**107.7**	**1.38%**	**1.66%**	**2.29%**	**3.01%**	0.28%	0.63%	0.72%	1.63%
	Ch	Ch	564.1	614.8	680.9	718.3	15.76%	17.17%	19.02%	20.06%	1.41%	1.85%	1.05%	4.31%
	Ch Total		**564.1**	**614.8**	**680.9**	**718.3**	**15.76%**	**17.17%**	**19.02%**	**20.06%**	1.41%	1.85%	1.05%	4.31%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	0.0	14.2	45.5	0.00%	0.00%	0.40%	1.27%	0.00%	0.40%	0.88%	1.27%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	9.9	18.4	0.00%	0.00%	0.28%	0.51%	0.00%	0.28%	0.24%	0.51%
		ExOth	0.0	3.4	6.6	6.6	0.00%	0.10%	0.19%	0.19%	0.10%	0.09%	0.00%	0.19%
	ExUrb Total		**0.0**	**3.4**	**30.7**	**70.6**	**0.00%**	**0.10%**	**0.86%**	**1.97%**	0.10%	0.76%	1.11%	1.97%
	Trans	Int	0.0	208.4	208.1	208.1	0.00%	5.82%	5.81%	5.81%	5.82%	-0.01%	0.00%	5.81%
		PubRd	55.7	40.6	68.8	79.1	1.56%	1.14%	1.92%	2.21%	-0.42%	0.79%	0.29%	0.65%
		RR	38.7	39.4	39.3	39.3	1.08%	1.10%	1.10%	1.10%	0.02%	0.00%	0.00%	0.02%
	Trans Total		**94.4**	**288.3**	**316.2**	**326.5**	**2.64%**	**8.05%**	**8.83%**	**9.12%**	5.42%	0.78%	0.29%	6.49%
A11 Total			**3,580.1**	**3,580.1**	**3,580.1**	**3,580.1**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
A12	AgLnd	Irr	1,201.2	1,086.7	1,034.6	998.7	29.94%	27.09%	25.79%	24.90%	-2.86%	-1.30%	-0.89%	-5.05%
		NoIrr	2,129.8	2,157.9	2,038.8	1,991.3	53.09%	53.79%	50.82%	49.64%	0.70%	-2.97%	-1.19%	-3.45%
	AgLnd Total		**3,331.1**	**3,244.6**	**3,073.4**	**2,990.0**	**83.03%**	**80.88%**	**76.61%**	**74.53%**	-2.16%	-4.27%	-2.08%	-8.50%
	AgInf	Canal	0.3	0.3	0.3	0.3	0.01%	0.01%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	60.4	70.6	73.6	79.1	1.51%	1.76%	1.83%	1.97%	0.25%	0.07%	0.14%	0.46%
	AgInf Total		**60.8**	**70.9**	**73.9**	**79.4**	**1.51%**	**1.77%**	**1.84%**	**1.98%**	0.25%	0.07%	0.14%	0.46%
	Ch	Ch	543.2	575.0	667.8	702.8	13.54%	14.33%	16.65%	17.52%	0.79%	2.31%	0.87%	3.98%
	Ch Total		**543.2**	**575.0**	**667.8**	**702.8**	**13.54%**	**14.33%**	**16.65%**	**17.52%**	0.79%	2.31%	0.87%	3.98%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	16.5	67.9	103.4	0.00%	0.41%	1.69%	2.58%	0.41%	1.28%	0.89%	2.58%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	6.5	8.9	32.4	39.8	0.16%	0.22%	0.81%	0.99%	0.06%	0.58%	0.19%	0.83%
	ExUrb Total		**6.5**	**25.4**	**100.3**	**143.3**	**0.16%**	**0.63%**	**2.50%**	**3.57%**	0.47%	1.87%	1.07%	3.41%
	Trans	Int	0.0	26.0	26.0	26.0	0.00%	0.65%	0.65%	0.65%	0.65%	0.00%	0.00%	0.65%
		PubRd	39.3	39.1	39.5	39.5	0.98%	0.97%	0.98%	0.98%	-0.01%	0.01%	0.00%	0.00%
		RR	30.8	30.7	30.7	30.7	0.77%	0.77%	0.77%	0.77%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**70.2**	**95.9**	**96.2**	**96.2**	**1.75%**	**2.39%**	**2.40%**	**2.40%**	0.64%	0.01%	0.00%	0.65%
A12 Total			**4,011.7**	**4,011.7**	**4,011.7**	**4,011.7**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
A13	AgLnd	Irr	686.0	520.0	580.7	599.0	27.46%	20.82%	23.24%	23.98%	-6.64%	2.43%	0.73%	-3.48%
		NoIrr	1,092.1	1,117.0	763.1	733.0	43.71%	44.71%	30.55%	29.34%	1.00%	-14.16%	-1.21%	-14.37%
	AgLnd Total		**1,778.1**	**1,637.0**	**1,343.8**	**1,332.0**	**71.17%**	**65.53%**	**53.79%**	**53.32%**	-5.64%	-11.74%	-0.47%	-17.86%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	43.8	91.8	82.4	79.2	1.75%	3.67%	3.30%	3.17%	1.92%	-0.37%	-0.13%	1.42%
	AgInf Total		**43.8**	**91.8**	**82.4**	**79.2**	**1.75%**	**3.67%**	**3.30%**	**3.17%**	1.92%	-0.37%	-0.13%	1.42%
	Ch	Ch	324.8	352.8	379.8	389.9	13.00%	14.12%	15.20%	15.61%	1.12%	1.08%	0.40%	2.60%
	Ch Total		**324.8**	**352.8**	**379.8**	**389.9**	**13.00%**	**14.12%**	**15.20%**	**15.61%**	1.12%	1.08%	0.40%	2.60%
	Urban	UrRes	103.4	112.7	138.3	153.3	4.14%	4.51%	5.54%	6.14%	0.37%	1.02%	0.60%	2.00%
		UrCom	59.0	58.0	57.4	57.4	2.36%	2.32%	2.30%	2.30%	-0.04%	-0.03%	0.00%	-0.06%
		UrInd	88.9	114.3	197.7	161.3	3.56%	4.58%	7.91%	6.46%	1.02%	3.34%	-1.46%	2.90%
		UrUnd	9.1	3.7	16.1	3.7	0.36%	0.15%	0.64%	0.15%	-0.21%	0.49%	-0.49%	-0.21%
		UrOth	10.2	9.1	106.7	9.1	0.41%	0.37%	4.27%	0.37%	-0.04%	3.91%	-3.91%	-0.04%
	Urban Total		**270.5**	**297.9**	**516.2**	**384.9**	**10.83%**	**11.93%**	**20.66%**	**15.41%**	1.10%	8.74%	-5.25%	4.58%
	ExUrb	ExRes	0.0	16.6	41.7	45.8	0.00%	0.66%	1.67%	1.83%	0.66%	1.01%	0.16%	1.83%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	9.0	57.7	0.00%	0.00%	0.36%	2.31%	0.00%	0.36%	1.95%	2.31%
		ExUnd	11.6	17.0	40.8	14.3	0.46%	0.68%	1.63%	0.57%	0.22%	0.95%	-1.06%	0.11%
		ExOth	1.5	19.4	19.0	128.0	0.06%	0.78%	0.76%	5.12%	0.72%	-0.02%	4.36%	5.07%
	ExUrb Total		**13.1**	**53.0**	**110.5**	**245.8**	**0.52%**	**2.12%**	**4.42%**	**9.84%**	1.60%	2.30%	5.42%	9.32%
	Trans	Int	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		PubRd	50.0	47.7	47.6	48.5	2.00%	1.91%	1.90%	1.94%	-0.09%	-0.01%	0.04%	-0.06%
		RR	18.0	18.0	18.0	18.0	0.72%	0.72%	0.72%	0.72%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**68.1**	**65.8**	**65.6**	**66.5**	**2.72%**	**2.63%**	**2.63%**	**2.66%**	-0.09%	-0.01%	0.04%	-0.06%
A13 Total			**2,498.3**	**2,498.3**	**2,498.3**	**2,498.3**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
A14	AgLnd	Irr	1,663.6	1,644.3	1,467.5	1,463.8	28.42%	28.09%	25.07%	25.01%	-0.33%	-3.02%	-0.06%	-3.41%
		NoIrr	3,052.4	2,968.5	3,002.3	2,979.7	52.15%	50.72%	51.30%	50.91%	-1.43%	0.58%	-0.39%	-1.24%
	AgLnd Total		**4,716.0**	**4,612.8**	**4,469.8**	**4,443.6**	**80.58%**	**78.81%**	**76.37%**	**75.92%**	-1.76%	-2.44%	-0.45%	-4.65%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	73.7	112.1	248.8	258.5	1.26%	1.92%	4.25%	4.42%	0.66%	2.34%	0.17%	3.16%
	AgInf Total		**73.7**	**112.1**	**248.8**	**258.5**	**1.26%**	**1.92%**	**4.25%**	**4.42%**	0.66%	2.34%	0.17%	3.16%
	Ch	Ch	972.9	928.6	934.1	962.2	16.62%	15.87%	15.96%	16.44%	-0.76%	0.09%	0.48%	-0.18%
	Ch Total		**972.9**	**928.6**	**934.1**	**962.2**	**16.62%**	**15.87%**	**15.96%**	**16.44%**	-0.76%	0.09%	0.48%	-0.18%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	11.6	11.6	0.0	0.00%	0.20%	0.20%	0.00%	0.20%	0.00%	-0.20%	0.00%
	ExUrb Total		**0.0**	**11.6**	**11.6**	**0.0**	**0.00%**	**0.20%**	**0.20%**	**0.00%**	0.20%	0.00%	-0.20%	0.00%
	Trans	Int	0.0	95.6	95.6	95.6	0.00%	1.63%	1.63%	1.63%	1.63%	0.00%	0.00%	1.63%
		PubRd	52.8	54.6	55.5	55.5	0.90%	0.93%	0.95%	0.95%	0.03%	0.01%	0.00%	0.05%
		RR	37.4	37.4	37.4	37.4	0.64%	0.64%	0.64%	0.64%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**90.2**	**187.7**	**188.5**	**188.5**	**1.54%**	**3.21%**	**3.22%**	**3.22%**	1.67%	0.01%	0.00%	1.68%
A14 Total			**5,852.8**	**5,852.8**	**5,852.8**	**5,852.8**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
A15	AgLnd	Irr	924.9	696.1	638.8	608.4	25.20%	18.96%	17.40%	16.58%	-6.23%	-1.56%	-0.83%	-8.62%
		NoIrr	1,813.9	1,890.8	1,916.8	1,925.3	49.42%	51.51%	52.22%	52.45%	2.09%	0.71%	0.23%	3.04%
	AgLnd Total		**2,738.8**	**2,586.9**	**2,555.5**	**2,533.8**	**74.61%**	**70.47%**	**69.62%**	**69.03%**	-4.14%	-0.85%	-0.59%	-5.59%
	AgInf	Canal	61.5	56.9	56.9	56.9	1.68%	1.55%	1.55%	1.55%	-0.13%	0.00%	0.00%	-0.13%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	35.3	131.7	154.2	156.3	0.96%	3.59%	4.20%	4.26%	2.63%	0.61%	0.06%	3.30%
	AgInf Total		**96.8**	**188.6**	**211.2**	**213.3**	**2.64%**	**5.14%**	**5.75%**	**5.81%**	2.50%	0.61%	0.06%	3.17%
	Ch	Ch	775.6	751.7	756.9	776.6	21.13%	20.48%	20.62%	21.16%	-0.65%	0.14%	0.54%	0.03%
	Ch Total		**775.6**	**751.7**	**756.9**	**776.6**	**21.13%**	**20.48%**	**20.62%**	**21.16%**	-0.65%	0.14%	0.54%	0.03%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	0.0	2.2	2.2	0.00%	0.00%	0.06%	0.06%	0.00%	0.06%	0.00%	0.06%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**0.0**	**0.0**	**2.2**	**2.2**	**0.00%**	**0.00%**	**0.06%**	**0.06%**	0.00%	0.06%	0.00%	0.06%
	Trans	Int	0.0	77.9	77.9	77.9	0.00%	2.12%	2.12%	2.12%	2.12%	0.00%	0.00%	2.12%
		PubRd	29.3	35.4	36.8	36.8	0.80%	0.97%	1.00%	1.00%	0.17%	0.04%	0.00%	0.20%
		RR	30.1	30.1	30.1	30.1	0.82%	0.82%	0.82%	0.82%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**59.4**	**143.5**	**144.9**	**144.9**	**1.62%**	**3.91%**	**3.95%**	**3.95%**	2.29%	0.04%	0.00%	2.33%
A15 Total			**3,670.7**	**3,670.7**	**3,670.7**	**3,670.7**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
A16	AgLnd	Irr	1,587.8	1,551.3	1,155.8	1,105.8	29.41%	28.74%	21.41%	20.48%	-0.68%	-7.33%	-0.93%	-8.93%
		NoIrr	2,421.1	2,331.5	2,518.7	2,427.0	44.85%	43.19%	46.66%	44.96%	-1.66%	3.47%	-1.70%	0.11%
	AgLnd Total		**4,008.9**	**3,882.7**	**3,674.5**	**3,532.8**	**74.27%**	**71.93%**	**68.07%**	**65.44%**	-2.34%	-3.86%	-2.63%	-8.82%
	AgInf	Canal	24.7	24.7	24.7	24.7	0.46%	0.46%	0.46%	0.46%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	46.0	66.3	117.7	108.0	0.85%	1.23%	2.18%	2.00%	0.38%	0.95%	-0.18%	1.15%
	AgInf Total		**70.7**	**91.1**	**142.4**	**132.8**	**1.31%**	**1.69%**	**2.64%**	**2.46%**	0.38%	0.95%	-0.18%	1.15%
	Ch	Ch	1,297.1	1,348.8	1,252.1	1,391.1	24.03%	24.99%	23.20%	25.77%	0.96%	-1.79%	2.57%	1.74%
	Ch Total		**1,297.1**	**1,348.8**	**1,252.1**	**1,391.1**	**24.03%**	**24.99%**	**23.20%**	**25.77%**	0.96%	-1.79%	2.57%	1.74%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	2.0	175.6	260.5	0.00%	0.04%	3.25%	4.83%	0.04%	3.22%	1.57%	4.83%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	80.0	7.4	0.00%	0.00%	1.48%	0.14%	0.00%	1.48%	-1.34%	0.14%
		ExOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**0.0**	**2.0**	**255.6**	**268.0**	**0.00%**	**0.04%**	**4.73%**	**4.96%**	0.04%	4.70%	0.23%	4.96%
	Trans	Int	0.0	52.1	52.1	52.1	0.00%	0.96%	0.96%	0.96%	0.96%	0.00%	0.00%	0.96%
		PubRd	10.7	10.7	10.7	10.7	0.20%	0.20%	0.20%	0.20%	0.00%	0.00%	0.00%	0.00%
		RR	10.8	10.8	10.8	10.8	0.20%	0.20%	0.20%	0.20%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**21.5**	**73.5**	**73.5**	**73.5**	**0.40%**	**1.36%**	**1.36%**	**1.36%**	0.96%	0.00%	0.00%	0.96%
A16 Total			**5,398.1**	**5,398.1**	**5,398.1**	**5,398.1**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
A17	AgLnd	Irr	1,927.0	2,112.6	1,736.2	1,667.9	33.47%	36.69%	30.15%	28.97%	3.22%	-6.54%	-1.19%	-4.50%
		NoIrr	2,603.2	2,243.1	2,491.1	2,442.4	45.21%	38.96%	43.26%	42.42%	-6.25%	4.31%	-0.85%	-2.79%
	AgLnd Total		**4,530.2**	**4,355.8**	**4,227.3**	**4,110.3**	**78.68%**	**75.65%**	**73.42%**	**71.38%**	-3.03%	-2.23%	-2.03%	-7.29%
	AgInf	Canal	15.0	15.0	15.0	15.0	0.26%	0.26%	0.26%	0.26%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	53.6	74.6	96.7	103.4	0.93%	1.29%	1.68%	1.80%	0.36%	0.38%	0.12%	0.87%
	AgInf Total		**68.6**	**89.6**	**111.7**	**118.5**	**1.19%**	**1.56%**	**1.94%**	**2.06%**	0.36%	0.38%	0.12%	0.87%
	Ch	Ch	954.5	983.8	934.4	982.8	16.58%	17.09%	16.23%	17.07%	0.51%	-0.86%	0.84%	0.49%
	Ch Total		**954.5**	**983.8**	**934.4**	**982.8**	**16.58%**	**17.09%**	**16.23%**	**17.07%**	0.51%	-0.86%	0.84%	0.49%
	Urban	UrRes	0.0	21.5	21.5	21.5	0.00%	0.37%	0.37%	0.37%	0.37%	0.00%	0.00%	0.37%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	73.6	177.4	182.4	182.4	1.28%	3.08%	3.17%	3.17%	1.80%	0.09%	0.00%	1.89%
		UrUnd	21.8	0.0	0.0	0.0	0.38%	0.00%	0.00%	0.00%	-0.38%	0.00%	0.00%	-0.38%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**95.4**	**198.8**	**203.9**	**203.9**	**1.66%**	**3.45%**	**3.54%**	**3.54%**	1.80%	0.09%	0.00%	1.88%
	ExUrb	ExRes	51.1	52.3	168.0	216.4	0.89%	0.91%	2.92%	3.76%	0.02%	2.01%	0.84%	2.87%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	5.9	25.3	62.4	75.9	0.10%	0.44%	1.08%	1.32%	0.34%	0.64%	0.23%	1.22%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	2.1	2.1	0.0	0.0	0.04%	0.04%	0.00%	0.00%	0.00%	-0.04%	0.00%	-0.04%
	ExUrb Total		**59.1**	**79.7**	**230.4**	**292.3**	**1.03%**	**1.38%**	**4.00%**	**5.08%**	0.36%	2.62%	1.08%	4.05%
	Trans	Int	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		PubRd	40.6	40.6	40.6	40.6	0.71%	0.71%	0.71%	0.71%	0.00%	0.00%	0.00%	0.00%
		RR	9.6	9.6	9.6	9.6	0.17%	0.17%	0.17%	0.17%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**50.2**	**50.2**	**50.2**	**50.2**	**0.87%**	**0.87%**	**0.87%**	**0.87%**	0.00%	0.00%	0.00%	0.00%
A17 Total			**5,757.9**	**5,757.9**	**5,757.9**	**5,757.9**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
A18	AgLnd	Irr	945.9	904.3	861.5	893.5	32.97%	31.52%	30.03%	31.14%	-1.45%	-1.49%	1.12%	-1.83%
		NoIrr	1,455.7	998.6	986.1	874.2	50.74%	34.80%	34.37%	30.47%	-15.93%	-0.43%	-3.90%	-20.27%
	AgLnd Total		**2,401.7**	**1,902.9**	**1,847.6**	**1,767.8**	**83.71%**	**66.32%**	**64.40%**	**61.61%**	-17.39%	-1.93%	-2.78%	-22.09%
	AgInf	Canal	21.9	21.8	21.8	21.8	0.76%	0.76%	0.76%	0.76%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	24.9	40.2	27.6	24.6	0.87%	1.40%	0.96%	0.86%	0.53%	-0.44%	-0.11%	-0.01%
	AgInf Total		**46.8**	**62.1**	**49.4**	**46.4**	**1.63%**	**2.16%**	**1.72%**	**1.62%**	0.53%	-0.44%	-0.11%	-0.01%
	Ch	Ch	368.1	672.4	646.2	656.9	12.83%	23.43%	22.52%	22.90%	10.61%	-0.91%	0.37%	10.07%
	Ch Total		**368.1**	**672.4**	**646.2**	**656.9**	**12.83%**	**23.43%**	**22.52%**	**22.90%**	10.61%	-0.91%	0.37%	10.07%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	1.8	10.9	42.6	42.6	0.06%	0.38%	1.48%	1.48%	0.32%	1.10%	0.00%	1.42%
		UrUnd	0.7	0.0	0.0	0.0	0.02%	0.00%	0.00%	0.00%	-0.02%	0.00%	0.00%	-0.02%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**2.5**	**10.9**	**42.6**	**42.6**	**0.09%**	**0.38%**	**1.48%**	**1.48%**	0.29%	1.10%	0.00%	1.40%
	ExUrb	ExRes	21.1	154.4	198.8	215.6	0.73%	5.38%	6.93%	7.52%	4.65%	1.55%	0.59%	6.78%
		ExCom	6.2	10.8	20.9	20.9	0.22%	0.38%	0.73%	0.73%	0.16%	0.35%	0.00%	0.51%
		ExInd	0.0	27.0	35.0	35.0	0.00%	0.94%	1.22%	1.22%	0.94%	0.28%	0.00%	1.22%
		ExUnd	0.0	0.0	0.0	60.9	0.00%	0.00%	0.00%	2.12%	0.00%	0.00%	2.12%	2.12%
		ExOth	0.0	5.7	5.7	0.0	0.00%	0.20%	0.20%	0.00%	0.20%	0.00%	-0.20%	0.00%
	ExUrb Total		**27.2**	**197.9**	**260.3**	**332.4**	**0.95%**	**6.90%**	**9.07%**	**11.59%**	5.95%	2.18%	2.51%	10.64%
	Trans	Int	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		PubRd	22.7	22.9	22.9	22.9	0.79%	0.80%	0.80%	0.80%	0.01%	0.00%	0.00%	0.01%
		RR	0.1	0.1	0.1	0.1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**22.8**	**23.0**	**23.0**	**23.0**	**0.79%**	**0.80%**	**0.80%**	**0.80%**	0.01%	0.00%	0.00%	0.01%
A18 Total			**2,869.1**	**2,869.1**	**2,869.1**	**2,869.1**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
B1	AgLnd	Irr	2,905.2	3,059.8	3,637.4	3,189.5	22.33%	23.52%	27.96%	24.52%	1.19%	4.44%	-3.44%	2.19%
		NoIrr	6,548.7	5,212.7	4,985.3	4,741.8	50.35%	40.08%	38.33%	36.45%	-10.27%	-1.75%	-1.87%	-13.89%
	AgLnd Total		**9,453.9**	**8,272.5**	**8,622.7**	**7,931.3**	**72.68%**	**63.60%**	**66.29%**	**60.98%**	-9.08%	2.69%	-5.32%	-11.71%
	AgInf	Canal	21.5	21.5	21.5	21.5	0.16%	0.16%	0.16%	0.16%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	199.7	221.6	294.1	332.7	1.54%	1.70%	2.26%	2.56%	0.17%	0.56%	0.30%	1.02%
	AgInf Total		**221.2**	**243.0**	**315.6**	**354.2**	**1.70%**	**1.87%**	**2.43%**	**2.72%**	0.17%	0.56%	0.30%	1.02%
	Ch	Ch	2,913.5	3,120.5	2,221.1	2,318.3	22.40%	23.99%	17.08%	17.82%	1.59%	-6.91%	0.75%	-4.58%
	Ch Total		**2,913.5**	**3,120.5**	**2,221.1**	**2,318.3**	**22.40%**	**23.99%**	**17.08%**	**17.82%**	1.59%	-6.91%	0.75%	-4.58%
	Urban	UrRes	147.6	608.1	875.5	1,019.8	1.13%	4.67%	6.73%	7.84%	3.54%	2.06%	1.11%	6.71%
		UrCom	0.0	14.4	16.2	19.1	0.00%	0.11%	0.12%	0.15%	0.11%	0.01%	0.02%	0.15%
		UrInd	27.0	123.0	142.2	369.1	0.21%	0.95%	1.09%	2.84%	0.74%	0.15%	1.74%	2.63%
		UrUnd	0.0	133.8	100.1	109.0	0.00%	1.03%	0.77%	0.84%	1.03%	-0.26%	0.07%	0.84%
		UrOth	0.0	22.8	25.2	25.2	0.00%	0.18%	0.19%	0.19%	0.18%	0.02%	0.00%	0.19%
	Urban Total		**174.6**	**902.0**	**1,159.2**	**1,542.1**	**1.34%**	**6.93%**	**8.91%**	**11.86%**	5.59%	1.98%	2.94%	10.51%
	ExUrb	ExRes	129.0	240.3	302.1	362.5	0.99%	1.85%	2.32%	2.79%	0.86%	0.47%	0.46%	1.79%
		ExCom	0.0	0.0	0.0	7.0	0.00%	0.00%	0.00%	0.05%	0.00%	0.00%	0.05%	0.05%
		ExInd	2.9	64.8	107.1	193.6	0.02%	0.50%	0.82%	1.49%	0.48%	0.32%	0.67%	1.47%
		ExUnd	10.1	17.1	27.1	22.3	0.08%	0.13%	0.21%	0.17%	0.05%	0.08%	-0.04%	0.09%
		ExOth	0.0	5.6	107.4	125.1	0.00%	0.04%	0.83%	0.96%	0.04%	0.78%	0.14%	0.96%
	ExUrb Total		**142.1**	**327.8**	**543.7**	**710.4**	**1.09%**	**2.52%**	**4.18%**	**5.46%**	1.43%	1.66%	1.28%	4.37%
	Trans	Int	0.0	47.5	47.5	47.5	0.00%	0.37%	0.37%	0.37%	0.37%	0.00%	0.00%	0.37%
		PubRd	102.1	93.9	97.6	103.5	0.79%	0.72%	0.75%	0.80%	-0.06%	0.03%	0.05%	0.01%
		RR	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**102.1**	**141.5**	**145.1**	**151.0**	**0.79%**	**1.09%**	**1.12%**	**1.16%**	0.30%	0.03%	0.05%	0.38%
B1 Total			**13,007.3**	**13,007.3**	**13,007.3**	**13,007.3**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
B2	AgLnd	Irr	469.3	24.5	5.5	5.5	10.81%	0.56%	0.13%	0.13%	-10.25%	-0.44%	0.00%	-10.69%
		NoIrr	1,988.2	1,544.6	1,357.8	1,066.0	45.81%	35.59%	31.28%	24.56%	-10.22%	-4.31%	-6.72%	-21.25%
	AgLnd Total		**2,457.5**	**1,569.2**	**1,363.3**	**1,071.5**	**56.62%**	**36.15%**	**31.41%**	**24.69%**	-20.47%	-4.74%	-6.72%	-31.93%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	33.0	16.7	9.1	17.2	0.76%	0.38%	0.21%	0.40%	-0.38%	-0.17%	0.19%	-0.36%
	AgInf Total		**33.0**	**16.7**	**9.1**	**17.2**	**0.76%**	**0.38%**	**0.21%**	**0.40%**	-0.38%	-0.17%	0.19%	-0.36%
	Ch	Ch	725.1	702.2	611.7	628.6	16.71%	16.18%	14.09%	14.48%	-0.53%	-2.09%	0.39%	-2.22%
	Ch Total		**725.1**	**702.2**	**611.7**	**628.6**	**16.71%**	**16.18%**	**14.09%**	**14.48%**	-0.53%	-2.09%	0.39%	-2.22%
	Urban	UrRes	117.3	455.2	472.1	712.9	2.70%	10.49%	10.88%	16.43%	7.79%	0.39%	5.55%	13.72%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	629.8	1,285.2	1,574.8	1,630.6	14.51%	29.61%	36.28%	37.57%	15.10%	6.67%	1.29%	23.06%
		UrUnd	0.0	111.3	91.1	53.8	0.00%	2.57%	2.10%	1.24%	2.57%	-0.47%	-0.86%	1.24%
		UrOth	13.1	57.9	90.3	97.8	0.30%	1.33%	2.08%	2.25%	1.03%	0.75%	0.17%	1.95%
	Urban Total		**760.2**	**1,909.7**	**2,228.3**	**2,495.1**	**17.51%**	**44.00%**	**51.34%**	**57.49%**	26.49%	7.34%	6.15%	39.97%
	ExUrb	ExRes	145.3	14.8	0.0	0.0	3.35%	0.34%	0.00%	0.00%	-3.00%	-0.34%	0.00%	-3.35%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	30.5	0.0	0.0	0.0	0.70%	0.00%	0.00%	0.00%	-0.70%	0.00%	0.00%	-0.70%
		ExUnd	4.9	0.0	0.0	0.0	0.11%	0.00%	0.00%	0.00%	-0.11%	0.00%	0.00%	-0.11%
		ExOth	137.7	0.0	0.0	0.0	3.17%	0.00%	0.00%	0.00%	-3.17%	0.00%	0.00%	-3.17%
	ExUrb Total		**318.3**	**14.8**	**0.0**	**0.0**	**7.33%**	**0.34%**	**0.00%**	**0.00%**	-6.99%	-0.34%	0.00%	-7.33%
	Trans	Int	0.0	79.3	79.5	79.5	0.00%	1.83%	1.83%	1.83%	1.83%	0.00%	0.00%	1.83%
		PubRd	29.3	31.5	31.6	31.6	0.68%	0.73%	0.73%	0.73%	0.05%	0.00%	0.00%	0.05%
		RR	16.7	16.7	16.7	16.7	0.38%	0.38%	0.39%	0.39%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**46.0**	**127.6**	**127.8**	**127.8**	**1.06%**	**2.94%**	**2.95%**	**2.94%**	1.88%	0.01%	0.00%	1.88%
B2 Total			**4,340.2**	**4,340.2**	**4,340.2**	**4,340.2**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
B3	AgLnd	Irr	420.2	702.7	637.4	472.5	11.07%	18.51%	16.79%	12.45%	7.44%	-1.72%	-4.34%	1.38%
		NoIrr	2,296.9	1,703.0	1,387.4	1,297.5	60.50%	44.86%	36.54%	34.18%	-15.64%	-8.31%	-2.37%	-26.32%
	AgLnd Total		**2,717.1**	**2,405.8**	**2,024.8**	**1,770.0**	**71.57%**	**63.37%**	**53.33%**	**46.62%**	-8.20%	-10.04%	-6.71%	-24.95%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	50.5	66.5	70.7	51.4	1.33%	1.75%	1.86%	1.35%	0.42%	0.11%	-0.51%	0.02%
	AgInf Total		**50.5**	**66.5**	**70.7**	**51.4**	**1.33%**	**1.75%**	**1.86%**	**1.35%**	0.42%	0.11%	-0.51%	0.02%
	Ch	Ch	870.3	906.4	837.2	853.4	22.92%	23.87%	22.05%	22.48%	0.95%	-1.82%	0.43%	-0.44%
	Ch Total		**870.3**	**906.4**	**837.2**	**853.4**	**22.92%**	**23.87%**	**22.05%**	**22.48%**	0.95%	-1.82%	0.43%	-0.44%
	Urban	UrRes	0.0	96.3	171.3	182.2	0.00%	2.54%	4.51%	4.80%	2.54%	1.98%	0.29%	4.80%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	116.0	256.4	261.1	262.6	3.05%	6.75%	6.88%	6.92%	3.70%	0.12%	0.04%	3.86%
		UrUnd	0.0	12.1	0.0	13.5	0.00%	0.32%	0.00%	0.36%	0.32%	-0.32%	0.36%	0.36%
		UrOth	0.0	0.0	40.2	26.8	0.00%	0.00%	1.06%	0.70%	0.00%	1.06%	-0.36%	0.70%
	Urban Total		**116.0**	**364.8**	**472.7**	**485.1**	**3.05%**	**9.61%**	**12.45%**	**12.78%**	6.56%	2.84%	0.33%	9.72%
	ExUrb	ExRes	2.9	13.5	39.4	57.0	0.08%	0.36%	1.04%	1.50%	0.28%	0.68%	0.46%	1.42%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	18.5	18.2	331.8	559.2	0.49%	0.48%	8.74%	14.73%	-0.01%	8.26%	5.99%	14.24%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**21.4**	**31.7**	**371.2**	**616.2**	**0.56%**	**0.84%**	**9.78%**	**16.23%**	0.27%	8.94%	6.45%	15.67%
	Trans	Int	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		PubRd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		RR	21.2	21.3	19.9	20.4	0.56%	0.56%	0.52%	0.54%	0.00%	-0.04%	0.01%	-0.02%
	Trans Total		**21.2**	**21.3**	**19.9**	**20.4**	**0.56%**	**0.56%**	**0.52%**	**0.54%**	0.00%	-0.04%	0.01%	-0.02%
B3 Total			**3,796.5**	**3,796.5**	**3,796.5**	**3,796.5**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
B4	AgLnd	Irr	727.6	1,166.9	1,261.1	1,161.5	22.32%	35.79%	38.68%	35.62%	13.47%	2.89%	-3.06%	13.31%
		NoIrr	2,047.9	1,519.5	1,337.7	1,391.0	62.81%	46.60%	41.03%	42.66%	-16.20%	-5.58%	1.63%	-20.15%
	AgLnd Total		**2,775.5**	**2,686.5**	**2,598.9**	**2,552.4**	**85.12%**	**82.39%**	**79.71%**	**78.28%**	-2.73%	-2.69%	-1.42%	-6.84%
	AgInf	Canal	6.1	6.1	6.1	6.1	0.19%	0.19%	0.19%	0.19%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	69.7	128.0	156.7	161.6	2.14%	3.93%	4.81%	4.96%	1.79%	0.88%	0.15%	2.82%
	AgInf Total		**75.7**	**134.1**	**162.8**	**167.6**	**2.32%**	**4.11%**	**4.99%**	**5.14%**	1.79%	0.88%	0.15%	2.82%
	Ch	Ch	387.6	380.5	422.7	440.2	11.89%	11.67%	12.97%	13.50%	-0.22%	1.30%	0.54%	1.61%
	Ch Total		**387.6**	**380.5**	**422.7**	**440.2**	**11.89%**	**11.67%**	**12.97%**	**13.50%**	-0.22%	1.30%	0.54%	1.61%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	0.0	16.8	36.2	0.00%	0.00%	0.51%	1.11%	0.00%	0.51%	0.60%	1.11%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	4.6	0.00%	0.00%	0.00%	0.14%	0.00%	0.00%	0.14%	0.14%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**0.0**	**0.0**	**16.8**	**40.9**	**0.00%**	**0.00%**	**0.51%**	**1.25%**	0.00%	0.51%	0.74%	1.25%
	Trans	Int	0.0	29.7	29.7	29.7	0.00%	0.91%	0.91%	0.91%	0.91%	0.00%	0.00%	0.91%
		PubRd	7.6	7.6	7.6	7.6	0.23%	0.23%	0.23%	0.23%	0.00%	0.00%	0.00%	0.00%
		RR	14.2	22.3	22.1	22.1	0.44%	0.69%	0.68%	0.68%	0.25%	-0.01%	0.00%	0.24%
	Trans Total		**21.8**	**59.6**	**59.4**	**59.4**	**0.67%**	**1.83%**	**1.82%**	**1.82%**	1.16%	-0.01%	0.00%	1.15%
B4 Total			**3,260.6**	**3,260.6**	**3,260.6**	**3,260.6**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
B5	AgLnd	Irr	920.7	1,476.1	1,644.5	1,271.2	16.88%	27.07%	30.15%	23.31%	10.18%	3.09%	-6.85%	6.43%
		NoIrr	2,810.3	2,107.7	1,513.6	1,770.3	51.53%	38.65%	27.75%	32.46%	-12.88%	-10.89%	4.71%	-19.07%
	AgLnd Total		**3,731.1**	**3,583.8**	**3,158.0**	**3,041.4**	**68.42%**	**65.72%**	**57.91%**	**55.77%**	-2.70%	-7.81%	-2.14%	-12.65%
	AgInf	Canal	11.9	12.0	12.0	12.0	0.22%	0.22%	0.22%	0.22%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	80.9	99.2	129.8	147.3	1.48%	1.82%	2.38%	2.70%	0.34%	0.56%	0.32%	1.22%
	AgInf Total		**92.8**	**111.2**	**141.8**	**159.3**	**1.70%**	**2.04%**	**2.60%**	**2.92%**	0.34%	0.56%	0.32%	1.22%
	Ch	Ch	1,521.6	1,428.5	1,600.7	1,636.6	27.90%	26.19%	29.35%	30.01%	-1.71%	3.16%	0.66%	2.11%
	Ch Total		**1,521.6**	**1,428.5**	**1,600.7**	**1,636.6**	**27.90%**	**26.19%**	**29.35%**	**30.01%**	-1.71%	3.16%	0.66%	2.11%
	Urban	UrRes	0.0	0.8	0.8	0.0	0.00%	0.01%	0.01%	0.00%	0.01%	0.00%	-0.01%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.8**	**0.8**	**0.0**	**0.00%**	**0.01%**	**0.01%**	**0.00%**	0.01%	0.00%	-0.01%	0.00%
	ExUrb	ExRes	42.5	233.8	487.7	551.7	0.78%	4.29%	8.94%	10.12%	3.51%	4.66%	1.17%	9.34%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	11.9	11.9	0.00%	0.00%	0.22%	0.22%	0.00%	0.22%	0.00%	0.22%
		ExUnd	20.5	39.8	3.9	3.9	0.38%	0.73%	0.07%	0.07%	0.35%	-0.66%	0.00%	-0.30%
		ExOth	0.0	7.0	0.0	0.0	0.00%	0.13%	0.00%	0.00%	0.13%	-0.13%	0.00%	0.00%
	ExUrb Total		**63.0**	**280.6**	**503.5**	**567.5**	**1.16%**	**5.14%**	**9.23%**	**10.41%**	3.99%	4.09%	1.17%	9.25%
	Trans	Int	0.0	2.1	2.1	2.1	0.00%	0.04%	0.04%	0.04%	0.04%	0.00%	0.00%	0.04%
		PubRd	40.2	39.3	39.3	39.3	0.74%	0.72%	0.72%	0.72%	-0.02%	0.00%	0.00%	-0.02%
		RR	4.8	7.2	7.2	7.2	0.09%	0.13%	0.13%	0.13%	0.04%	0.00%	0.00%	0.04%
	Trans Total		**45.0**	**48.6**	**48.6**	**48.6**	**0.83%**	**0.89%**	**0.89%**	**0.89%**	0.07%	0.00%	0.00%	0.07%
B5 Total			**5,453.4**	**5,453.4**	**5,453.4**	**5,453.4**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
B6	AgLnd	Irr	1,317.8	1,458.0	1,945.7	1,958.3	28.46%	31.49%	42.02%	42.29%	3.03%	10.53%	0.27%	13.83%
		NoIrr	2,365.0	2,208.4	1,811.2	1,736.6	51.08%	47.69%	39.12%	37.50%	-3.38%	-8.58%	-1.61%	-13.57%
	AgLnd Total		**3,682.8**	**3,666.4**	**3,756.9**	**3,694.9**	**79.54%**	**79.18%**	**81.14%**	**79.80%**	-0.35%	1.95%	-1.34%	0.26%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	51.6	64.8	96.7	136.7	1.11%	1.40%	2.09%	2.95%	0.28%	0.69%	0.86%	1.84%
	AgInf Total		**51.6**	**64.8**	**96.7**	**136.7**	**1.11%**	**1.40%**	**2.09%**	**2.95%**	0.28%	0.69%	0.86%	1.84%
	Ch	Ch	879.3	882.5	759.6	778.2	18.99%	19.06%	16.40%	16.81%	0.07%	-2.65%	0.40%	-2.18%
	Ch Total		**879.3**	**882.5**	**759.6**	**778.2**	**18.99%**	**19.06%**	**16.40%**	**16.81%**	0.07%	-2.65%	0.40%	-2.18%
	Urban	UrRes	0.0	0.0	0.0	3.5	0.00%	0.00%	0.00%	0.08%	0.00%	0.00%	0.08%	0.08%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**3.5**	**0.00%**	**0.00%**	**0.00%**	**0.08%**	0.00%	0.00%	0.08%	0.08%
	ExUrb	ExRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	Trans	Int	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		PubRd	16.6	16.6	17.1	17.1	0.36%	0.36%	0.37%	0.37%	0.00%	0.01%	0.00%	0.01%
		RR	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**16.6**	**16.6**	**17.1**	**17.1**	**0.36%**	**0.36%**	**0.37%**	**0.37%**	0.00%	0.01%	0.00%	0.01%
B6 Total			**4,630.3**	**4,630.3**	**4,630.3**	**4,630.3**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
B7	AgLnd	Irr	1,212.2	1,655.8	1,604.2	1,339.3	18.82%	25.71%	24.90%	20.79%	6.89%	-0.80%	-4.11%	1.97%
		NoIrr	3,434.3	3,220.6	3,341.4	3,052.3	53.32%	50.00%	51.87%	47.39%	-3.32%	1.88%	-4.49%	-5.93%
	AgLnd Total		**4,646.5**	**4,876.4**	**4,945.6**	**4,391.6**	**72.14%**	**75.71%**	**76.78%**	**68.18%**	3.57%	1.07%	-8.60%	-3.96%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	60.6	139.3	170.3	187.9	0.94%	2.16%	2.64%	2.92%	1.22%	0.48%	0.27%	1.98%
	AgInf Total		**60.6**	**139.3**	**170.3**	**187.9**	**0.94%**	**2.16%**	**2.64%**	**2.92%**	1.22%	0.48%	0.27%	1.98%
	Ch	Ch	1,680.6	1,371.3	1,255.8	1,742.5	26.09%	21.29%	19.50%	27.05%	-4.80%	-1.79%	7.56%	0.96%
	Ch Total		**1,680.6**	**1,371.3**	**1,255.8**	**1,742.5**	**26.09%**	**21.29%**	**19.50%**	**27.05%**	-4.80%	-1.79%	7.56%	0.96%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	0.0	0.0	35.0	0.00%	0.00%	0.00%	0.54%	0.00%	0.00%	0.54%	0.54%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	14.2	23.4	0.00%	0.00%	0.22%	0.36%	0.00%	0.22%	0.14%	0.36%
	ExUrb Total		**0.0**	**0.0**	**14.2**	**58.4**	**0.00%**	**0.00%**	**0.22%**	**0.91%**	0.00%	0.22%	0.69%	0.91%
	Trans	Int	0.0	0.7	0.7	0.7	0.00%	0.01%	0.01%	0.01%	0.01%	0.00%	0.00%	0.01%
		PubRd	44.9	44.9	45.9	51.5	0.70%	0.70%	0.71%	0.80%	0.00%	0.02%	0.09%	0.10%
		RR	8.7	8.7	8.7	8.7	0.14%	0.14%	0.14%	0.14%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**53.6**	**54.3**	**55.4**	**60.9**	**0.83%**	**0.84%**	**0.86%**	**0.95%**	0.01%	0.02%	0.09%	0.11%
B7 Total			**6,441.3**	**6,441.3**	**6,441.3**	**6,441.3**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
B8	AgLnd	Irr	1,275.8	1,349.4	1,386.4	1,449.0	18.43%	19.50%	20.03%	20.94%	1.06%	0.53%	0.91%	2.50%
		NoIrr	3,613.4	3,313.2	3,245.5	3,057.4	52.21%	47.87%	46.89%	44.18%	-4.34%	-0.98%	-2.72%	-8.03%
	AgLnd Total		**4,889.1**	**4,662.6**	**4,631.9**	**4,506.4**	**70.64%**	**67.37%**	**66.92%**	**65.11%**	-3.27%	-0.44%	-1.81%	-5.53%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	90.7	104.6	126.4	123.1	1.31%	1.51%	1.83%	1.78%	0.20%	0.32%	-0.05%	0.47%
	AgInf Total		**90.7**	**104.6**	**126.4**	**123.1**	**1.31%**	**1.51%**	**1.83%**	**1.78%**	0.20%	0.32%	-0.05%	0.47%
	Ch	Ch	1,792.9	1,853.3	1,863.3	1,979.0	25.91%	26.78%	26.92%	28.59%	0.87%	0.14%	1.67%	2.69%
	Ch Total		**1,792.9**	**1,853.3**	**1,863.3**	**1,979.0**	**25.91%**	**26.78%**	**26.92%**	**28.59%**	0.87%	0.14%	1.67%	2.69%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	43.0	64.3	64.3	75.2	0.62%	0.93%	0.93%	1.09%	0.31%	0.00%	0.16%	0.46%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	0.0	2.3	0.00%	0.00%	0.00%	0.03%	0.00%	0.00%	0.03%	0.03%
	ExUrb Total		**43.0**	**64.3**	**64.3**	**77.4**	**0.62%**	**0.93%**	**0.93%**	**1.12%**	0.31%	0.00%	0.19%	0.50%
	Trans	Int	0.0	125.6	125.6	125.6	0.00%	1.81%	1.81%	1.81%	1.81%	0.00%	0.00%	1.81%
		PubRd	57.9	63.3	63.3	63.3	0.84%	0.91%	0.91%	0.91%	0.08%	0.00%	0.00%	0.08%
		RR	47.3	47.3	46.3	46.3	0.68%	0.68%	0.67%	0.67%	0.00%	-0.02%	0.00%	-0.02%
	Trans Total		**105.3**	**236.2**	**235.1**	**235.1**	**1.52%**	**3.41%**	**3.40%**	**3.40%**	1.89%	-0.02%	0.00%	1.88%
B8 Total			**6,921.0**	**6,921.0**	**6,921.0**	**6,921.0**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
B9	AgLnd	Irr	656.7	575.0	922.6	891.9	17.16%	15.02%	24.11%	23.31%	-2.14%	9.08%	-0.80%	6.15%
		NoIrr	2,249.5	2,222.2	1,840.7	1,805.1	58.78%	58.07%	48.10%	47.17%	-0.71%	-9.97%	-0.93%	-11.61%
	AgLnd Total		**2,906.3**	**2,797.2**	**2,763.4**	**2,697.0**	**75.94%**	**73.09%**	**72.21%**	**70.47%**	-2.85%	-0.88%	-1.73%	-5.47%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	12.0	30.6	58.3	62.4	0.31%	0.80%	1.52%	1.63%	0.49%	0.72%	0.11%	1.32%
	AgInf Total		**12.0**	**30.6**	**58.3**	**62.4**	**0.31%**	**0.80%**	**1.52%**	**1.63%**	0.49%	0.72%	0.11%	1.32%
	Ch	Ch	846.8	845.5	851.7	913.9	22.13%	22.09%	22.25%	23.88%	-0.04%	0.16%	1.63%	1.75%
	Ch Total		**846.8**	**845.5**	**851.7**	**913.9**	**22.13%**	**22.09%**	**22.25%**	**23.88%**	-0.04%	0.16%	1.63%	1.75%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.6	0.6	0.6	0.6	0.02%	0.02%	0.02%	0.02%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**0.6**	**0.6**	**0.6**	**0.6**	**0.02%**	**0.02%**	**0.02%**	**0.02%**	0.00%	0.00%	0.00%	0.00%
	Trans	Int	0.0	88.4	88.4	88.4	0.00%	2.31%	2.31%	2.31%	2.31%	0.00%	0.00%	2.31%
		PubRd	37.9	41.3	41.3	41.3	0.99%	1.08%	1.08%	1.08%	0.09%	0.00%	0.00%	0.09%
		RR	23.5	23.5	23.5	23.5	0.61%	0.61%	0.61%	0.61%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**61.4**	**153.2**	**153.2**	**153.2**	**1.60%**	**4.00%**	**4.00%**	**4.00%**	2.40%	0.00%	0.00%	2.40%
B9 Total			**3,827.1**	**3,827.1**	**3,827.1**	**3,827.1**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
B10	AgLnd	Irr	637.0	748.7	908.7	858.1	11.54%	13.56%	16.46%	15.54%	2.02%	2.90%	-0.92%	4.01%
		NoIrr	3,565.4	3,487.2	3,387.1	3,405.8	64.58%	63.16%	61.35%	61.69%	-1.42%	-1.81%	0.34%	-2.89%
	AgLnd Total		**4,202.4**	**4,235.9**	**4,295.8**	**4,263.9**	**76.11%**	**76.72%**	**77.81%**	**77.23%**	0.61%	1.08%	-0.58%	1.12%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	43.9	53.8	55.6	58.2	0.80%	0.97%	1.01%	1.05%	0.18%	0.03%	0.05%	0.26%
	AgInf Total		**43.9**	**53.8**	**55.6**	**58.2**	**0.80%**	**0.97%**	**1.01%**	**1.05%**	0.18%	0.03%	0.05%	0.26%
	Ch	Ch	1,220.2	1,060.1	991.6	1,020.9	22.10%	19.20%	17.96%	18.49%	-2.90%	-1.24%	0.53%	-3.61%
	Ch Total		**1,220.2**	**1,060.1**	**991.6**	**1,020.9**	**22.10%**	**19.20%**	**17.96%**	**18.49%**	-2.90%	-1.24%	0.53%	-3.61%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	1.5	8.2	8.2	0.00%	0.03%	0.15%	0.15%	0.03%	0.12%	0.00%	0.15%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**0.0**	**1.5**	**8.2**	**8.2**	**0.00%**	**0.03%**	**0.15%**	**0.15%**	0.03%	0.12%	0.00%	0.15%
	Trans	Int	0.0	92.8	92.8	92.8	0.00%	1.68%	1.68%	1.68%	1.68%	0.00%	0.00%	1.68%
		PubRd	18.5	40.9	40.9	40.9	0.33%	0.74%	0.74%	0.74%	0.41%	0.00%	0.00%	0.41%
		RR	36.2	36.2	36.2	36.2	0.66%	0.66%	0.66%	0.66%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**54.7**	**169.9**	**169.9**	**169.9**	**0.99%**	**3.08%**	**3.08%**	**3.08%**	2.09%	0.00%	0.00%	2.09%
B10 Total			**5,521.2**	**5,521.2**	**5,521.2**	**5,521.2**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
B11	AgLnd	Irr	1,189.9	1,538.2	1,684.7	1,592.5	17.52%	22.65%	24.80%	23.45%	5.13%	2.16%	-1.36%	5.93%
		NoIrr	3,927.4	3,507.8	3,333.7	3,348.2	57.82%	51.64%	49.08%	49.29%	-6.18%	-2.56%	0.21%	-8.53%
	AgLnd Total		**5,117.4**	**5,046.0**	**5,018.4**	**4,940.7**	**75.34%**	**74.29%**	**73.88%**	**72.74%**	-1.05%	-0.41%	-1.14%	-2.60%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	54.3	62.0	70.2	74.4	0.80%	0.91%	1.03%	1.09%	0.11%	0.12%	0.06%	0.30%
	AgInf Total		**54.3**	**62.0**	**70.2**	**74.4**	**0.80%**	**0.91%**	**1.03%**	**1.09%**	0.11%	0.12%	0.06%	0.30%
	Ch	Ch	1,462.3	1,443.7	1,456.0	1,516.2	21.53%	21.26%	21.44%	22.32%	-0.27%	0.18%	0.89%	0.79%
	Ch Total		**1,462.3**	**1,443.7**	**1,456.0**	**1,516.2**	**21.53%**	**21.26%**	**21.44%**	**22.32%**	-0.27%	0.18%	0.89%	0.79%
	Urban	UrRes	26.4	26.4	26.4	26.4	0.39%	0.39%	0.39%	0.39%	0.00%	0.00%	0.00%	0.00%
		UrCom	21.0	18.6	18.6	18.6	0.31%	0.27%	0.27%	0.27%	-0.04%	0.00%	0.00%	-0.04%
		UrInd	20.7	0.0	0.0	0.0	0.31%	0.00%	0.00%	0.00%	-0.31%	0.00%	0.00%	-0.31%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**68.1**	**45.0**	**45.0**	**45.0**	**1.00%**	**0.66%**	**0.66%**	**0.66%**	-0.34%	0.00%	0.00%	-0.34%
	ExUrb	ExRes	2.2	4.3	5.2	5.2	0.03%	0.06%	0.08%	0.08%	0.03%	0.01%	0.00%	0.04%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	6.2	19.5	0.00%	0.00%	0.09%	0.29%	0.00%	0.09%	0.20%	0.29%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**2.2**	**4.3**	**11.4**	**24.7**	**0.03%**	**0.06%**	**0.17%**	**0.36%**	0.03%	0.11%	0.20%	0.33%
	Trans	Int	0.0	104.0	104.0	104.0	0.00%	1.53%	1.53%	1.53%	1.53%	0.00%	0.00%	1.53%
		PubRd	49.0	48.4	48.4	48.4	0.72%	0.71%	0.71%	0.71%	-0.01%	0.00%	0.00%	-0.01%
		RR	39.0	38.9	38.9	38.9	0.57%	0.57%	0.57%	0.57%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**88.0**	**191.3**	**191.3**	**191.3**	**1.30%**	**2.82%**	**2.82%**	**2.82%**	1.52%	0.00%	0.00%	1.52%
B11 Total			**6,792.3**	**6,792.3**	**6,792.3**	**6,792.3**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
B12	AgLnd	Irr	498.4	521.6	675.8	692.8	12.38%	12.96%	16.79%	17.21%	0.58%	3.83%	0.42%	4.83%
		NoIrr	2,486.7	2,326.9	2,198.4	2,112.2	61.77%	57.80%	54.61%	52.47%	-3.97%	-3.19%	-2.14%	-9.30%
	AgLnd Total		**2,985.1**	**2,848.4**	**2,874.2**	**2,805.0**	**74.15%**	**70.76%**	**71.40%**	**69.68%**	-3.40%	0.64%	-1.72%	-4.47%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	10.9	21.1	30.6	42.9	0.27%	0.52%	0.76%	1.06%	0.25%	0.24%	0.30%	0.79%
	AgInf Total		**10.9**	**21.1**	**30.6**	**42.9**	**0.27%**	**0.52%**	**0.76%**	**1.06%**	0.25%	0.24%	0.30%	0.79%
	Ch	Ch	954.8	1,011.2	975.9	1,032.9	23.72%	25.12%	24.24%	25.66%	1.40%	-0.88%	1.41%	1.94%
	Ch Total		**954.8**	**1,011.2**	**975.9**	**1,032.9**	**23.72%**	**25.12%**	**24.24%**	**25.66%**	1.40%	-0.88%	1.41%	1.94%
	Urban	UrRes	3.8	3.8	3.8	3.8	0.09%	0.09%	0.09%	0.09%	0.00%	0.00%	0.00%	0.00%
		UrCom	10.8	10.8	10.8	10.8	0.27%	0.27%	0.27%	0.27%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**14.6**	**14.6**	**14.6**	**14.6**	**0.36%**	**0.36%**	**0.36%**	**0.36%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	Trans	Int	0.0	65.4	65.4	65.4	0.00%	1.63%	1.63%	1.63%	1.63%	0.00%	0.00%	1.63%
		PubRd	34.7	39.5	39.4	39.4	0.86%	0.98%	0.98%	0.98%	0.12%	0.00%	0.00%	0.12%
		RR	25.4	25.4	25.4	25.4	0.63%	0.63%	0.63%	0.63%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**60.1**	**130.3**	**130.2**	**130.2**	**1.49%**	**3.24%**	**3.23%**	**3.23%**	1.74%	0.00%	0.00%	1.74%
B12 Total			**4,025.6**	**4,025.6**	**4,025.6**	**4,025.6**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
C1	AgLnd	Irr	1,894.6	1,815.8	1,974.7	2,175.6	31.88%	30.55%	33.23%	36.61%	-1.33%	2.67%	3.38%	4.73%
		NoIrr	2,850.2	2,846.0	2,738.9	2,486.0	47.96%	47.89%	46.09%	41.83%	-0.07%	-1.80%	-4.26%	-6.13%
	AgLnd Total		**4,744.8**	**4,661.8**	**4,713.6**	**4,661.6**	**79.84%**	**78.44%**	**79.32%**	**78.44%**	-1.40%	0.87%	-0.88%	-1.40%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	50.9	66.5	53.9	40.2	0.86%	1.12%	0.91%	0.68%	0.26%	-0.21%	-0.23%	-0.18%
	AgInf Total		**50.9**	**66.5**	**53.9**	**40.2**	**0.86%**	**1.12%**	**0.91%**	**0.68%**	0.26%	-0.21%	-0.23%	-0.18%
	Ch	Ch	1,061.6	1,091.6	1,020.9	1,081.9	17.86%	18.37%	17.18%	18.20%	0.51%	-1.19%	1.03%	0.34%
	Ch Total		**1,061.6**	**1,091.6**	**1,020.9**	**1,081.9**	**17.86%**	**18.37%**	**17.18%**	**18.20%**	0.51%	-1.19%	1.03%	0.34%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	0.0	0.0	4.8	0.00%	0.00%	0.00%	0.08%	0.00%	0.00%	0.08%	0.08%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**0.0**	**0.0**	**0.0**	**4.8**	**0.00%**	**0.00%**	**0.00%**	**0.08%**	0.00%	0.00%	0.08%	0.08%
	Trans	Int	0.0	0.0	64.6	64.6	0.00%	0.00%	1.09%	1.09%	0.00%	1.09%	0.00%	1.09%
		PubRd	53.5	91.0	57.7	57.7	0.90%	1.53%	0.97%	0.97%	0.63%	-0.56%	0.00%	0.07%
		RR	31.9	31.9	31.9	31.9	0.54%	0.54%	0.54%	0.54%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**85.4**	**122.9**	**154.3**	**154.3**	**1.44%**	**2.07%**	**2.60%**	**2.60%**	0.63%	0.53%	0.00%	1.16%
C1 Total			**5,942.8**	**5,942.8**	**5,942.8**	**5,942.8**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
C2	AgLnd	Irr	2,464.8	2,434.1	2,565.6	2,610.5	38.98%	38.49%	40.57%	41.28%	-0.49%	2.08%	0.71%	2.30%
		NoIrr	2,676.6	2,590.3	2,754.9	2,700.4	42.33%	40.96%	43.57%	42.70%	-1.36%	2.60%	-0.86%	0.38%
	AgLnd Total		**5,141.4**	**5,024.4**	**5,320.5**	**5,310.8**	**81.30%**	**79.45%**	**84.14%**	**83.98%**	-1.85%	4.68%	-0.15%	2.68%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	68.7	170.1	187.2	189.6	1.09%	2.69%	2.96%	3.00%	1.60%	0.27%	0.04%	1.91%
	AgInf Total		**68.7**	**170.1**	**187.2**	**189.6**	**1.09%**	**2.69%**	**2.96%**	**3.00%**	1.60%	0.27%	0.04%	1.91%
	Ch	Ch	1,056.7	1,075.6	757.6	765.0	16.71%	17.01%	11.98%	12.10%	0.30%	-5.03%	0.12%	-4.61%
	Ch Total		**1,056.7**	**1,075.6**	**757.6**	**765.0**	**16.71%**	**17.01%**	**11.98%**	**12.10%**	0.30%	-5.03%	0.12%	-4.61%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	0.0	4.8	4.8	0.00%	0.00%	0.08%	0.08%	0.00%	0.08%	0.00%	0.08%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**0.0**	**0.0**	**4.8**	**4.8**	**0.00%**	**0.00%**	**0.08%**	**0.08%**	0.00%	0.08%	0.00%	0.08%
	Trans	Int	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		PubRd	24.3	21.0	21.0	21.0	0.38%	0.33%	0.33%	0.33%	-0.05%	0.00%	0.00%	-0.05%
		RR	32.6	32.6	32.6	32.5	0.52%	0.52%	0.52%	0.51%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**56.9**	**53.6**	**53.6**	**53.6**	**0.90%**	**0.85%**	**0.85%**	**0.85%**	-0.05%	0.00%	0.00%	-0.05%
C2 Total			**6,323.7**	**6,323.7**	**6,323.7**	**6,323.7**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
C3	AgLnd	Irr	1,881.6	1,817.3	1,820.6	1,810.7	39.48%	38.13%	38.20%	37.99%	-1.35%	0.07%	-0.21%	-1.49%
		NoIrr	1,394.1	1,405.7	1,408.8	1,366.7	29.25%	29.49%	29.56%	28.67%	0.25%	0.06%	-0.88%	-0.57%
	AgLnd Total		**3,275.6**	**3,223.1**	**3,229.5**	**3,177.4**	**68.72%**	**67.62%**	**67.76%**	**66.66%**	-1.10%	0.13%	-1.09%	-2.06%
	AgInf	Canal	8.1	8.1	8.1	8.1	0.17%	0.17%	0.17%	0.17%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	10.9	10.9	10.9	0.00%	0.23%	0.23%	0.23%	0.23%	0.00%	0.00%	0.23%
		OthIn	33.2	74.0	89.4	89.4	0.70%	1.55%	1.88%	1.88%	0.86%	0.32%	0.00%	1.18%
	AgInf Total		**41.3**	**93.0**	**108.4**	**108.4**	**0.87%**	**1.95%**	**2.27%**	**2.27%**	1.08%	0.32%	0.00%	1.41%
	Ch	Ch	1,410.5	1,401.9	1,380.7	1,425.0	29.59%	29.41%	28.97%	29.90%	-0.18%	-0.44%	0.93%	0.30%
	Ch Total		**1,410.5**	**1,401.9**	**1,380.7**	**1,425.0**	**29.59%**	**29.41%**	**28.97%**	**29.90%**	-0.18%	-0.44%	0.93%	0.30%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	0.0	0.0	7.8	0.00%	0.00%	0.00%	0.16%	0.00%	0.00%	0.16%	0.16%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**0.0**	**0.0**	**0.0**	**7.8**	**0.00%**	**0.00%**	**0.00%**	**0.16%**	0.00%	0.00%	0.16%	0.16%
	Trans	Int	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		PubRd	21.9	31.2	30.6	30.6	0.46%	0.66%	0.64%	0.64%	0.20%	-0.01%	0.00%	0.18%
		RR	17.0	17.1	17.1	17.1	0.36%	0.36%	0.36%	0.36%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**38.9**	**48.3**	**47.7**	**47.7**	**0.82%**	**1.01%**	**1.00%**	**1.00%**	0.20%	-0.01%	0.00%	0.18%
C3 Total			**4,766.3**	**4,766.3**	**4,766.3**	**4,766.3**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
C4	AgLnd	Irr	1,279.5	1,436.7	1,143.2	1,178.4	39.20%	44.01%	35.02%	36.10%	4.82%	-8.99%	1.08%	-3.10%
		NoIrr	1,476.7	1,264.6	1,567.2	1,501.9	45.24%	38.74%	48.01%	46.01%	-6.50%	9.27%	-2.00%	0.77%
	AgLnd Total		**2,756.2**	**2,701.3**	**2,710.4**	**2,680.3**	**84.44%**	**82.76%**	**83.04%**	**82.11%**	-1.68%	0.28%	-0.92%	-2.32%
	AgInf	Canal	31.8	31.8	31.7	31.7	0.97%	0.97%	0.97%	0.97%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	34.4	25.8	4.9	4.9	1.05%	0.79%	0.15%	0.15%	-0.26%	-0.64%	0.00%	-0.90%
	AgInf Total		**66.2**	**57.6**	**36.7**	**36.7**	**2.03%**	**1.76%**	**1.12%**	**1.12%**	-0.26%	-0.64%	0.00%	-0.91%
	Ch	Ch	410.9	474.4	486.2	516.3	12.59%	14.53%	14.89%	15.82%	1.95%	0.36%	0.92%	3.23%
	Ch Total		**410.9**	**474.4**	**486.2**	**516.3**	**12.59%**	**14.53%**	**14.89%**	**15.82%**	1.95%	0.36%	0.92%	3.23%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	Trans	Int	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		PubRd	22.3	22.3	22.3	22.3	0.68%	0.68%	0.68%	0.68%	0.00%	0.00%	0.00%	0.00%
		RR	8.6	8.6	8.6	8.6	0.26%	0.26%	0.26%	0.26%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**30.9**	**30.9**	**30.9**	**30.9**	**0.95%**	**0.95%**	**0.95%**	**0.95%**	0.00%	0.00%	0.00%	0.00%
C4 Total			**3,264.1**	**3,264.1**	**3,264.1**	**3,264.1**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
C5	AgLnd	Irr	1,866.0	1,707.1	1,665.2	1,673.4	48.63%	44.49%	43.40%	43.61%	-4.14%	-1.09%	0.21%	-5.02%
		NoIrr	1,407.5	1,539.0	1,590.1	1,571.6	36.68%	40.11%	41.44%	40.96%	3.43%	1.33%	-0.48%	4.28%
	AgLnd Total		**3,273.5**	**3,246.1**	**3,255.3**	**3,245.1**	**85.31%**	**84.59%**	**84.83%**	**84.57%**	-0.71%	0.24%	-0.27%	-0.74%
	AgInf	Canal	31.1	31.1	31.1	31.1	0.81%	0.81%	0.81%	0.81%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	35.0	46.6	35.6	38.7	0.91%	1.21%	0.93%	1.01%	0.30%	-0.29%	0.08%	0.10%
	AgInf Total		**66.1**	**77.6**	**66.7**	**69.8**	**1.72%**	**2.02%**	**1.74%**	**1.82%**	0.30%	-0.29%	0.08%	0.10%
	Ch	Ch	435.5	439.4	438.6	445.7	11.35%	11.45%	11.43%	11.62%	0.10%	-0.02%	0.18%	0.27%
	Ch Total		**435.5**	**439.4**	**438.6**	**445.7**	**11.35%**	**11.45%**	**11.43%**	**11.62%**	0.10%	-0.02%	0.18%	0.27%
	Urban	UrRes	11.2	11.2	14.2	14.2	0.29%	0.29%	0.37%	0.37%	0.00%	0.08%	0.00%	0.08%
		UrCom	7.4	7.4	7.4	7.4	0.19%	0.19%	0.19%	0.19%	0.00%	0.00%	0.00%	0.00%
		UrInd	3.5	3.5	3.5	3.5	0.09%	0.09%	0.09%	0.09%	0.00%	0.00%	0.00%	0.00%
		UrUnd	7.4	7.4	4.4	4.4	0.19%	0.19%	0.11%	0.11%	0.00%	-0.08%	0.00%	-0.08%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**29.6**	**29.6**	**29.6**	**29.5**	**0.77%**	**0.77%**	**0.77%**	**0.77%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	3.7	6.2	6.2	0.00%	0.10%	0.16%	0.16%	0.10%	0.06%	0.00%	0.16%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	8.3	8.3	8.3	0.00%	0.22%	0.22%	0.22%	0.22%	0.00%	0.00%	0.22%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**0.0**	**12.1**	**14.5**	**14.6**	**0.00%**	**0.31%**	**0.38%**	**0.38%**	0.31%	0.06%	0.00%	0.38%
	Trans	Int	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		PubRd	23.0	23.0	23.0	23.0	0.60%	0.60%	0.60%	0.60%	0.00%	0.00%	0.00%	0.00%
		RR	9.5	9.5	9.5	9.5	0.25%	0.25%	0.25%	0.25%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**32.6**	**32.5**	**32.5**	**32.6**	**0.85%**	**0.85%**	**0.85%**	**0.85%**	0.00%	0.00%	0.00%	0.00%
C5 Total			**3,837.3**	**3,837.3**	**3,837.3**	**3,837.3**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
C6	AgLnd	Irr	1,754.0	1,534.6	1,554.5	1,553.5	37.04%	32.40%	32.83%	32.80%	-4.63%	0.42%	-0.02%	-4.23%
		NoIrr	1,646.5	1,822.1	2,064.7	2,030.6	34.77%	38.48%	43.60%	42.88%	3.71%	5.12%	-0.72%	8.11%
	AgLnd Total		**3,400.5**	**3,356.7**	**3,619.3**	**3,584.1**	**71.81%**	**70.88%**	**76.42%**	**75.68%**	-0.93%	5.54%	-0.74%	3.88%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	34.4	42.8	48.3	48.3	0.73%	0.90%	1.02%	1.02%	0.18%	0.11%	0.00%	0.29%
	AgInf Total		**34.4**	**42.8**	**48.3**	**48.3**	**0.73%**	**0.90%**	**1.02%**	**1.02%**	0.18%	0.11%	0.00%	0.29%
	Ch	Ch	1,284.8	1,319.6	1,051.6	1,086.7	27.13%	27.86%	22.21%	22.95%	0.73%	-5.66%	0.74%	-4.18%
	Ch Total		**1,284.8**	**1,319.6**	**1,051.6**	**1,086.7**	**27.13%**	**27.86%**	**22.21%**	**22.95%**	0.73%	-5.66%	0.74%	-4.18%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	Trans	Int	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		PubRd	14.5	15.1	15.1	15.1	0.31%	0.32%	0.32%	0.32%	0.01%	0.00%	0.00%	0.01%
		RR	1.5	1.5	1.5	1.5	0.03%	0.03%	0.03%	0.03%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**16.0**	**16.6**	**16.6**	**16.6**	**0.34%**	**0.35%**	**0.35%**	**0.35%**	0.01%	0.00%	0.00%	0.01%
C6 Total			**4,735.7**	**4,735.7**	**4,735.7**	**4,735.7**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
C7	AgLnd	Irr	3,276.6	2,473.1	2,255.2	2,227.5	34.96%	26.39%	24.06%	23.77%	-8.57%	-2.33%	-0.30%	-11.19%
		NoIrr	3,501.4	3,871.6	4,499.4	4,468.1	37.36%	41.31%	48.01%	47.67%	3.95%	6.70%	-0.33%	10.31%
	AgLnd Total		**6,777.9**	**6,344.7**	**6,754.6**	**6,695.6**	**72.32%**	**67.70%**	**72.07%**	**71.44%**	-4.62%	4.37%	-0.63%	-0.88%
	AgInf	Canal	10.0	9.9	9.9	9.9	0.11%	0.11%	0.11%	0.11%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	67.0	91.2	118.1	118.1	0.71%	0.97%	1.26%	1.26%	0.26%	0.29%	0.00%	0.55%
	AgInf Total		**77.0**	**101.2**	**128.1**	**128.1**	**0.82%**	**1.08%**	**1.37%**	**1.37%**	0.26%	0.29%	0.00%	0.55%
	Ch	Ch	2,415.7	2,821.4	2,378.0	2,437.1	25.77%	30.10%	25.37%	26.00%	4.33%	-4.73%	0.63%	0.23%
	Ch Total		**2,415.7**	**2,821.4**	**2,378.0**	**2,437.1**	**25.77%**	**30.10%**	**25.37%**	**26.00%**	4.33%	-4.73%	0.63%	0.23%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	0.9	7.5	7.5	0.00%	0.01%	0.08%	0.08%	0.01%	0.07%	0.00%	0.08%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**0.0**	**0.9**	**7.5**	**7.5**	**0.00%**	**0.01%**	**0.08%**	**0.08%**	0.01%	0.07%	0.00%	0.08%
	Trans	Int	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		PubRd	62.4	62.4	62.4	62.4	0.67%	0.67%	0.67%	0.67%	0.00%	0.00%	0.00%	0.00%
		RR	39.5	42.0	42.0	41.9	0.42%	0.45%	0.45%	0.45%	0.03%	0.00%	0.00%	0.03%
	Trans Total		**101.9**	**104.3**	**104.4**	**104.3**	**1.09%**	**1.11%**	**1.11%**	**1.11%**	0.03%	0.00%	0.00%	0.03%
C7 Total			**9,372.5**	**9,372.5**	**9,372.5**	**9,372.5**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
C8	AgLnd	Irr	2,808.1	3,009.9	3,019.4	3,125.2	38.41%	41.17%	41.30%	42.75%	2.76%	0.13%	1.45%	4.34%
		NoIrr	3,337.5	2,945.9	3,337.9	2,984.5	45.66%	40.30%	45.66%	40.83%	-5.36%	5.36%	-4.83%	-4.83%
	AgLnd Total		**6,145.6**	**5,955.7**	**6,357.3**	**6,109.7**	**84.07%**	**81.47%**	**86.97%**	**83.58%**	-2.60%	5.49%	-3.39%	-0.49%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	39.5	68.5	101.3	104.7	0.54%	0.94%	1.39%	1.43%	0.40%	0.45%	0.05%	0.89%
	AgInf Total		**39.5**	**68.5**	**101.3**	**104.7**	**0.54%**	**0.94%**	**1.39%**	**1.43%**	0.40%	0.45%	0.05%	0.89%
	Ch	Ch	1,027.0	1,188.0	753.6	997.8	14.05%	16.25%	10.31%	13.65%	2.20%	-5.94%	3.34%	-0.40%
	Ch Total		**1,027.0**	**1,188.0**	**753.6**	**997.8**	**14.05%**	**16.25%**	**10.31%**	**13.65%**	2.20%	-5.94%	3.34%	-0.40%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	Trans	Int	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		PubRd	66.7	66.7	66.7	66.7	0.91%	0.91%	0.91%	0.91%	0.00%	0.00%	0.00%	0.00%
		RR	31.3	31.2	31.2	31.2	0.43%	0.43%	0.43%	0.43%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**98.0**	**97.9**	**97.9**	**97.9**	**1.34%**	**1.34%**	**1.34%**	**1.34%**	0.00%	0.00%	0.00%	0.00%
C8 Total			**7,310.2**	**7,310.2**	**7,310.2**	**7,310.2**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
C9	AgLnd	Irr	3,895.4	3,932.8	3,879.5	4,013.6	33.81%	34.14%	33.67%	34.84%	0.32%	-0.46%	1.16%	1.03%
		NoIrr	4,126.0	4,274.8	4,887.2	4,445.1	35.81%	37.11%	42.42%	38.58%	1.29%	5.32%	-3.84%	2.77%
	AgLnd Total		**8,021.5**	**8,207.6**	**8,766.7**	**8,458.6**	**69.63%**	**71.24%**	**76.10%**	**73.42%**	1.62%	4.85%	-2.67%	3.79%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	88.2	266.2	309.1	312.0	0.77%	2.31%	2.68%	2.71%	1.55%	0.37%	0.03%	1.94%
	AgInf Total		**88.2**	**266.2**	**309.1**	**312.0**	**0.77%**	**2.31%**	**2.68%**	**2.71%**	1.55%	0.37%	0.03%	1.94%
	Ch	Ch	3,294.7	2,913.0	2,299.7	2,617.9	28.60%	25.28%	19.96%	22.72%	-3.31%	-5.32%	2.76%	-5.87%
	Ch Total		**3,294.7**	**2,913.0**	**2,299.7**	**2,617.9**	**28.60%**	**25.28%**	**19.96%**	**22.72%**	-3.31%	-5.32%	2.76%	-5.87%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.9	2.5	11.7	11.7	0.01%	0.02%	0.10%	0.10%	0.01%	0.08%	0.00%	0.09%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	12.2	28.9	15.8	0.00%	0.11%	0.25%	0.14%	0.11%	0.15%	-0.11%	0.14%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**0.9**	**14.6**	**40.6**	**27.5**	**0.01%**	**0.13%**	**0.35%**	**0.24%**	0.12%	0.23%	-0.11%	0.23%
	Trans	Int	0.0	3.6	3.6	3.6	0.00%	0.03%	0.03%	0.03%	0.03%	0.00%	0.00%	0.03%
		PubRd	62.6	63.0	63.5	63.5	0.54%	0.55%	0.55%	0.55%	0.00%	0.00%	0.00%	0.01%
		RR	52.7	52.7	37.5	37.5	0.46%	0.46%	0.33%	0.33%	0.00%	-0.13%	0.00%	-0.13%
	Trans Total		**115.4**	**119.3**	**104.6**	**104.6**	**1.00%**	**1.04%**	**0.91%**	**0.91%**	0.03%	-0.13%	0.00%	-0.09%
C9 Total			**11,520.7**	**11,520.7**	**11,520.7**	**11,520.7**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
C10	AgLnd	Irr	904.3	1,138.1	1,166.1	1,152.3	13.51%	17.00%	17.42%	17.21%	3.49%	0.42%	-0.21%	3.71%
		NoIrr	4,488.0	3,771.1	3,601.9	3,564.6	67.03%	56.32%	53.80%	53.24%	-10.71%	-2.53%	-0.56%	-13.79%
	AgLnd Total		**5,392.3**	**4,909.2**	**4,768.0**	**4,716.9**	**80.54%**	**73.32%**	**71.21%**	**70.45%**	-7.22%	-2.11%	-0.76%	-10.09%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	28.7	72.0	100.7	103.6	0.43%	1.08%	1.50%	1.55%	0.65%	0.43%	0.04%	1.12%
	AgInf Total		**28.7**	**72.0**	**100.7**	**103.6**	**0.43%**	**1.08%**	**1.50%**	**1.55%**	0.65%	0.43%	0.04%	1.12%
	Ch	Ch	683.5	736.3	705.9	757.7	10.21%	11.00%	10.54%	11.32%	0.79%	-0.45%	0.77%	1.11%
	Ch Total		**683.5**	**736.3**	**705.9**	**757.7**	**10.21%**	**11.00%**	**10.54%**	**11.32%**	0.79%	-0.45%	0.77%	1.11%
	Urban	UrRes	270.4	365.0	390.2	390.2	4.04%	5.45%	5.83%	5.83%	1.41%	0.38%	0.00%	1.79%
		UrCom	40.9	80.1	96.9	96.9	0.61%	1.20%	1.45%	1.45%	0.59%	0.25%	0.00%	0.84%
		UrInd	4.3	93.1	97.1	97.1	0.06%	1.39%	1.45%	1.45%	1.33%	0.06%	0.00%	1.39%
		UrUnd	66.3	44.3	41.4	41.4	0.99%	0.66%	0.62%	0.62%	-0.33%	-0.04%	0.00%	-0.37%
		UrOth	101.9	69.6	106.0	102.5	1.52%	1.04%	1.58%	1.53%	-0.48%	0.54%	-0.05%	0.01%
	Urban Total		**483.8**	**652.1**	**731.5**	**728.0**	**7.23%**	**9.74%**	**10.93%**	**10.87%**	2.51%	1.19%	-0.05%	3.65%
	ExUrb	ExRes	0.0	1.0	75.9	97.4	0.00%	0.01%	1.13%	1.46%	0.01%	1.12%	0.32%	1.46%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	18.2	18.3	18.3	0.00%	0.27%	0.27%	0.27%	0.27%	0.00%	0.00%	0.27%
		ExUnd	0.0	0.0	21.5	0.0	0.00%	0.00%	0.32%	0.00%	0.00%	0.32%	-0.32%	0.00%
		ExOth	0.0	25.9	25.9	25.9	0.00%	0.39%	0.39%	0.39%	0.39%	0.00%	0.00%	0.39%
	ExUrb Total		**0.0**	**45.1**	**141.6**	**141.6**	**0.00%**	**0.67%**	**2.11%**	**2.11%**	0.67%	1.44%	0.00%	2.11%
	Trans	Int	0.0	153.3	153.3	153.3	0.00%	2.29%	2.29%	2.29%	2.29%	0.00%	0.00%	2.29%
		PubRd	35.5	55.8	57.1	57.0	0.53%	0.83%	0.85%	0.85%	0.30%	0.02%	0.00%	0.32%
		RR	71.6	71.6	37.3	37.3	1.07%	1.07%	0.56%	0.56%	0.00%	-0.51%	0.00%	-0.51%
	Trans Total		**107.1**	**280.7**	**247.6**	**247.6**	**1.60%**	**4.19%**	**3.70%**	**3.70%**	2.59%	-0.49%	0.00%	2.10%
C10 Total			**6,695.4**	**6,695.4**	**6,695.4**	**6,695.4**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
C11	AgLnd	Irr	3,056.3	3,066.4	3,037.9	3,107.3	29.18%	29.28%	29.01%	29.67%	0.10%	-0.27%	0.66%	0.49%
		NoIrr	4,989.4	5,180.9	5,744.4	5,630.4	47.64%	49.47%	54.85%	53.76%	1.83%	5.38%	-1.09%	6.12%
	AgLnd Total		**8,045.7**	**8,247.3**	**8,782.3**	**8,737.7**	**76.83%**	**78.75%**	**83.86%**	**83.44%**	1.92%	5.11%	-0.43%	6.61%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	67.8	107.9	98.7	86.7	0.65%	1.03%	0.94%	0.83%	0.38%	-0.09%	-0.12%	0.18%
	AgInf Total		**67.8**	**107.9**	**98.7**	**86.7**	**0.65%**	**1.03%**	**0.94%**	**0.83%**	0.38%	-0.09%	-0.12%	0.18%
	Ch	Ch	2,208.3	1,949.2	1,465.8	1,522.5	21.09%	18.61%	14.00%	14.54%	-2.47%	-4.62%	0.54%	-6.55%
	Ch Total		**2,208.3**	**1,949.2**	**1,465.8**	**1,522.5**	**21.09%**	**18.61%**	**14.00%**	**14.54%**	-2.47%	-4.62%	0.54%	-6.55%
	Urban	UrRes	2.0	2.0	2.0	2.0	0.02%	0.02%	0.02%	0.02%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**2.0**	**2.0**	**2.0**	**2.0**	**0.02%**	**0.02%**	**0.02%**	**0.02%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	Trans	Int	0.0	17.0	17.0	17.0	0.00%	0.16%	0.16%	0.16%	0.16%	0.00%	0.00%	0.16%
		PubRd	50.1	50.7	50.7	50.6	0.48%	0.48%	0.48%	0.48%	0.01%	0.00%	0.00%	0.01%
		RR	98.5	98.4	56.0	55.9	0.94%	0.94%	0.53%	0.53%	0.00%	-0.41%	0.00%	-0.41%
	Trans Total		**148.6**	**166.0**	**123.6**	**123.6**	**1.42%**	**1.59%**	**1.18%**	**1.18%**	0.17%	-0.41%	0.00%	-0.24%
C11 Total			**10,472.4**	**10,472.4**	**10,472.4**	**10,472.4**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
C12	AgLnd	Irr	3,834.0	3,488.4	3,306.0	3,296.0	43.70%	39.76%	37.68%	37.57%	-3.94%	-2.08%	-0.11%	-6.13%
		NoIrr	3,204.5	3,502.2	3,790.7	3,756.1	36.53%	39.92%	43.21%	42.81%	3.39%	3.29%	-0.39%	6.29%
	AgLnd Total		**7,038.5**	**6,990.5**	**7,096.7**	**7,052.1**	**80.23%**	**79.68%**	**80.89%**	**80.38%**	-0.55%	1.21%	-0.51%	0.16%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	76.1	116.2	131.9	128.5	0.87%	1.32%	1.50%	1.46%	0.46%	0.18%	-0.04%	0.60%
	AgInf Total		**76.1**	**116.2**	**131.9**	**128.5**	**0.87%**	**1.32%**	**1.50%**	**1.46%**	0.46%	0.18%	-0.04%	0.60%
	Ch	Ch	1,434.7	1,424.2	1,346.9	1,394.9	16.35%	16.23%	15.35%	15.90%	-0.12%	-0.88%	0.55%	-0.45%
	Ch Total		**1,434.7**	**1,424.2**	**1,346.9**	**1,394.9**	**16.35%**	**16.23%**	**15.35%**	**15.90%**	-0.12%	-0.88%	0.55%	-0.45%
	Urban	UrRes	40.4	41.9	41.9	41.9	0.46%	0.48%	0.48%	0.48%	0.02%	0.00%	0.00%	0.02%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	2.3	4.5	4.5	4.5	0.03%	0.05%	0.05%	0.05%	0.02%	0.00%	0.00%	0.02%
		UrUnd	18.4	13.1	13.1	13.1	0.21%	0.15%	0.15%	0.15%	-0.06%	0.00%	0.00%	-0.06%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**61.1**	**59.5**	**59.5**	**59.5**	**0.70%**	**0.68%**	**0.68%**	**0.68%**	-0.02%	0.00%	0.00%	-0.02%
	ExUrb	ExRes	0.0	0.0	1.6	1.6	0.00%	0.00%	0.02%	0.02%	0.00%	0.02%	0.00%	0.02%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**0.0**	**0.0**	**1.6**	**1.6**	**0.00%**	**0.00%**	**0.02%**	**0.02%**	0.00%	0.02%	0.00%	0.02%
	Trans	Int	0.0	19.8	19.8	19.8	0.00%	0.23%	0.23%	0.23%	0.23%	0.00%	0.00%	0.23%
		PubRd	68.1	68.3	68.3	68.3	0.78%	0.78%	0.78%	0.78%	0.00%	0.00%	0.00%	0.00%
		RR	94.7	94.7	48.7	48.7	1.08%	1.08%	0.55%	0.55%	0.00%	-0.52%	0.00%	-0.52%
	Trans Total		**162.9**	**182.8**	**136.8**	**136.7**	**1.86%**	**2.08%**	**1.56%**	**1.56%**	0.23%	-0.52%	0.00%	-0.30%
C12 Total			**8,773.2**	**8,773.2**	**8,773.2**	**8,773.2**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
C13	AgLnd	Irr	3,571.5	3,114.3	2,750.2	2,739.2	45.02%	39.26%	34.67%	34.53%	-5.76%	-4.59%	-0.14%	-10.49%
		NoIrr	3,328.3	3,485.6	3,864.8	3,881.0	41.96%	43.94%	48.72%	48.93%	1.98%	4.78%	0.20%	6.97%
	AgLnd Total		**6,899.7**	**6,599.9**	**6,615.0**	**6,620.2**	**86.98%**	**83.20%**	**83.39%**	**83.46%**	-3.78%	0.19%	0.07%	-3.52%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	60.1	141.2	143.8	132.9	0.76%	1.78%	1.81%	1.67%	1.02%	0.03%	-0.14%	0.92%
	AgInf Total		**60.1**	**141.2**	**143.8**	**132.9**	**0.76%**	**1.78%**	**1.81%**	**1.67%**	1.02%	0.03%	-0.14%	0.92%
	Ch	Ch	867.7	892.3	907.4	913.2	10.94%	11.25%	11.44%	11.51%	0.31%	0.19%	0.07%	0.57%
	Ch Total		**867.7**	**892.3**	**907.4**	**913.2**	**10.94%**	**11.25%**	**11.44%**	**11.51%**	0.31%	0.19%	0.07%	0.57%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	23.8	23.8	23.8	0.00%	0.30%	0.30%	0.30%	0.30%	0.00%	0.00%	0.30%
	ExUrb Total		**0.0**	**23.8**	**23.8**	**23.8**	**0.00%**	**0.30%**	**0.30%**	**0.30%**	0.30%	0.00%	0.00%	0.30%
	Trans	Int	0.0	160.3	160.3	160.3	0.00%	2.02%	2.02%	2.02%	2.02%	0.00%	0.00%	2.02%
		PubRd	39.5	48.0	48.0	48.0	0.50%	0.60%	0.61%	0.61%	0.11%	0.00%	0.00%	0.11%
		RR	65.3	66.9	34.1	34.1	0.82%	0.84%	0.43%	0.43%	0.02%	-0.41%	0.00%	-0.39%
	Trans Total		**104.8**	**275.1**	**242.4**	**242.3**	**1.32%**	**3.47%**	**3.06%**	**3.05%**	2.15%	-0.41%	0.00%	1.73%
C13 Total			**7,932.3**	**7,932.3**	**7,932.3**	**7,932.3**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
C14	AgLnd	Irr	2,516.5	3,507.4	3,982.0	4,058.1	22.47%	31.31%	35.55%	36.23%	8.85%	4.24%	0.68%	13.76%
		NoIrr	6,908.4	5,532.3	5,146.2	4,958.4	61.68%	49.39%	45.94%	44.27%	-12.28%	-3.45%	-1.68%	-17.41%
	AgLnd Total		**9,424.9**	**9,039.7**	**9,128.2**	**9,016.5**	**84.14%**	**80.70%**	**81.49%**	**80.50%**	-3.44%	0.79%	-1.00%	-3.65%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	76.7	140.6	109.1	105.6	0.68%	1.26%	0.97%	0.94%	0.57%	-0.28%	-0.03%	0.26%
	AgInf Total		**76.7**	**140.6**	**109.1**	**105.6**	**0.68%**	**1.26%**	**0.97%**	**0.94%**	0.57%	-0.28%	-0.03%	0.26%
	Ch	Ch	1,568.6	1,806.3	1,785.9	1,901.1	14.00%	16.13%	15.94%	16.97%	2.12%	-0.18%	1.03%	2.97%
	Ch Total		**1,568.6**	**1,806.3**	**1,785.9**	**1,901.1**	**14.00%**	**16.13%**	**15.94%**	**16.97%**	2.12%	-0.18%	1.03%	2.97%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	0.0	6.4	6.4	0.00%	0.00%	0.06%	0.06%	0.00%	0.06%	0.00%	0.06%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**0.0**	**0.0**	**6.4**	**6.4**	**0.00%**	**0.00%**	**0.06%**	**0.06%**	0.00%	0.06%	0.00%	0.06%
	Trans	Int	0.0	66.0	66.0	66.0	0.00%	0.59%	0.59%	0.59%	0.59%	0.00%	0.00%	0.59%
		PubRd	35.5	47.3	47.3	47.2	0.32%	0.42%	0.42%	0.42%	0.11%	0.00%	0.00%	0.10%
		RR	95.4	101.1	58.1	58.1	0.85%	0.90%	0.52%	0.52%	0.05%	-0.38%	0.00%	-0.33%
	Trans Total		**130.9**	**214.4**	**171.5**	**171.4**	**1.17%**	**1.91%**	**1.53%**	**1.53%**	0.75%	-0.38%	0.00%	0.36%
C14 Total			**11,201.1**	**11,201.1**	**11,201.1**	**11,201.1**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
C15	AgLnd	Irr	323.9	1,471.4	2,002.2	1,940.5	7.70%	34.96%	47.58%	46.11%	27.27%	12.61%	-1.47%	38.41%
		NoIrr	3,446.8	2,291.7	1,746.0	1,788.9	81.90%	54.45%	41.49%	42.51%	-27.45%	-12.97%	1.02%	-39.39%
	AgLnd Total		**3,770.6**	**3,763.2**	**3,748.2**	**3,729.5**	**89.60%**	**89.42%**	**89.06%**	**88.62%**	-0.18%	-0.35%	-0.45%	-0.98%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	6.4	22.6	41.6	53.7	0.15%	0.54%	0.99%	1.28%	0.39%	0.45%	0.29%	1.12%
	AgInf Total		**6.4**	**22.6**	**41.6**	**53.7**	**0.15%**	**0.54%**	**0.99%**	**1.28%**	0.39%	0.45%	0.29%	1.12%
	Ch	Ch	391.5	381.7	389.6	396.3	9.30%	9.07%	9.26%	9.42%	-0.23%	0.19%	0.16%	0.11%
	Ch Total		**391.5**	**381.7**	**389.6**	**396.3**	**9.30%**	**9.07%**	**9.26%**	**9.42%**	-0.23%	0.19%	0.16%	0.11%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	Trans	Int	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		PubRd	6.7	6.7	6.7	6.7	0.16%	0.16%	0.16%	0.16%	0.00%	0.00%	0.00%	0.00%
		RR	33.3	34.4	22.4	22.4	0.79%	0.82%	0.53%	0.53%	0.02%	-0.28%	0.00%	-0.26%
	Trans Total		**40.0**	**41.0**	**29.1**	**29.1**	**0.95%**	**0.98%**	**0.69%**	**0.69%**	0.02%	-0.28%	0.00%	-0.26%
C15 Total			**4,208.5**	**4,208.5**	**4,208.5**	**4,208.5**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
C16	AgLnd	Irr	1,003.6	1,198.9	1,131.0	1,130.6	12.95%	15.47%	14.59%	14.58%	2.52%	-0.88%	-0.01%	1.64%
		NoIrr	5,180.3	4,893.6	4,894.9	4,877.1	66.83%	63.13%	63.14%	62.92%	-3.70%	0.02%	-0.23%	-3.91%
	AgLnd Total		**6,183.9**	**6,092.5**	**6,025.9**	**6,007.7**	**79.77%**	**78.59%**	**77.73%**	**77.50%**	-1.18%	-0.86%	-0.23%	-2.27%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	91.9	157.9	159.1	159.1	1.19%	2.04%	2.05%	2.05%	0.85%	0.01%	0.00%	0.87%
	AgInf Total		**91.9**	**157.9**	**159.1**	**159.1**	**1.19%**	**2.04%**	**2.05%**	**2.05%**	0.85%	0.01%	0.00%	0.87%
	Ch	Ch	1,175.8	1,110.7	1,106.6	1,124.7	15.17%	14.33%	14.27%	14.51%	-0.84%	-0.05%	0.23%	-0.66%
	Ch Total		**1,175.8**	**1,110.7**	**1,106.6**	**1,124.7**	**15.17%**	**14.33%**	**14.27%**	**14.51%**	-0.84%	-0.05%	0.23%	-0.66%
	Urban	UrRes	0.0	0.0	37.2	37.2	0.00%	0.00%	0.48%	0.48%	0.00%	0.48%	0.00%	0.48%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	6.1	78.1	89.7	89.7	0.08%	1.01%	1.16%	1.16%	0.93%	0.15%	0.00%	1.08%
		UrUnd	0.0	8.1	38.8	38.8	0.00%	0.10%	0.50%	0.50%	0.10%	0.40%	0.00%	0.50%
		UrOth	102.2	173.3	200.3	200.3	1.32%	2.24%	2.58%	2.58%	0.92%	0.35%	0.00%	1.27%
	Urban Total		**108.3**	**259.5**	**366.0**	**366.0**	**1.40%**	**3.35%**	**4.72%**	**4.72%**	1.95%	1.37%	0.00%	3.32%
	ExUrb	ExRes	0.0	3.7	3.7	3.7	0.00%	0.05%	0.05%	0.05%	0.05%	0.00%	0.00%	0.05%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	74.5	0.0	0.0	0.0	0.96%	0.00%	0.00%	0.00%	-0.96%	0.00%	0.00%	-0.96%
	ExUrb Total		**74.5**	**3.7**	**3.7**	**3.7**	**0.96%**	**0.05%**	**0.05%**	**0.05%**	-0.91%	0.00%	0.00%	-0.91%
	Trans	Int	0.0	48.3	48.3	48.3	0.00%	0.62%	0.62%	0.62%	0.62%	0.00%	0.00%	0.62%
		PubRd	54.2	16.0	9.9	9.9	0.70%	0.21%	0.13%	0.13%	-0.49%	-0.08%	0.00%	-0.57%
		RR	63.3	63.3	32.5	32.5	0.82%	0.82%	0.42%	0.42%	0.00%	-0.40%	0.00%	-0.40%
	Trans Total		**117.5**	**127.5**	**90.6**	**90.6**	**1.52%**	**1.64%**	**1.17%**	**1.17%**	0.13%	-0.48%	0.00%	-0.35%
C16 Total			**7,751.9**	**7,751.9**	**7,751.9**	**7,751.9**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
C17	AgLnd	Irr	824.7	705.2	655.2	609.4	20.36%	17.41%	16.18%	15.05%	-2.95%	-1.24%	-1.13%	-5.32%
		NoIrr	1,186.5	1,056.4	983.3	930.0	29.30%	26.09%	24.28%	22.97%	-3.21%	-1.80%	-1.32%	-6.33%
	AgLnd Total		**2,011.1**	**1,761.6**	**1,638.5**	**1,539.5**	**49.66%**	**43.50%**	**40.46%**	**38.02%**	-6.16%	-3.04%	-2.44%	-11.65%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	31.4	59.5	62.8	65.2	0.77%	1.47%	1.55%	1.61%	0.70%	0.08%	0.06%	0.84%
	AgInf Total		**31.4**	**59.5**	**62.8**	**65.2**	**0.77%**	**1.47%**	**1.55%**	**1.61%**	0.70%	0.08%	0.06%	0.84%
	Ch	Ch	712.9	709.6	691.1	694.5	17.61%	17.52%	17.07%	17.15%	-0.08%	-0.46%	0.08%	-0.46%
	Ch Total		**712.9**	**709.6**	**691.1**	**694.5**	**17.61%**	**17.52%**	**17.07%**	**17.15%**	-0.08%	-0.46%	0.08%	-0.46%
	Urban	UrRes	738.2	719.0	766.7	766.6	18.23%	17.76%	18.93%	18.93%	-0.47%	1.18%	0.00%	0.70%
		UrCom	163.6	163.6	165.0	165.0	4.04%	4.04%	4.07%	4.07%	0.00%	0.03%	0.00%	0.03%
		UrInd	127.6	232.6	229.8	229.8	3.15%	5.74%	5.67%	5.67%	2.59%	-0.07%	0.00%	2.52%
		UrUnd	129.1	31.4	0.0	0.0	3.19%	0.77%	0.00%	0.00%	-2.41%	-0.77%	0.00%	-3.19%
		UrOth	18.8	18.8	50.6	50.6	0.46%	0.46%	1.25%	1.25%	0.00%	0.79%	0.00%	0.78%
	Urban Total		**1,177.2**	**1,165.3**	**1,212.0**	**1,212.0**	**29.07%**	**28.78%**	**29.93%**	**29.93%**	-0.29%	1.15%	0.00%	0.86%
	ExUrb	ExRes	14.7	212.2	250.4	343.7	0.36%	5.24%	6.18%	8.49%	4.88%	0.94%	2.30%	8.13%
		ExCom	15.5	15.5	16.6	16.6	0.38%	0.38%	0.41%	0.41%	0.00%	0.03%	0.00%	0.03%
		ExInd	0.0	38.3	87.0	87.0	0.00%	0.94%	2.15%	2.15%	0.94%	1.20%	0.00%	2.15%
		ExUnd	0.0	0.0	7.3	7.3	0.00%	0.00%	0.18%	0.18%	0.00%	0.18%	0.00%	0.18%
		ExOth	0.0	0.0	22.5	22.5	0.00%	0.00%	0.56%	0.56%	0.00%	0.56%	0.00%	0.56%
	ExUrb Total		**30.2**	**266.0**	**383.8**	**477.1**	**0.75%**	**6.57%**	**9.48%**	**11.78%**	5.82%	2.91%	2.30%	11.04%
	Trans	Int	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		PubRd	34.8	35.7	35.9	35.8	0.86%	0.88%	0.89%	0.88%	0.02%	0.00%	0.00%	0.03%
		RR	51.8	51.8	25.4	25.4	1.28%	1.28%	0.63%	0.63%	0.00%	-0.65%	0.00%	-0.65%
	Trans Total		**86.6**	**87.5**	**61.3**	**61.2**	**2.14%**	**2.16%**	**1.51%**	**1.51%**	0.02%	-0.65%	0.00%	-0.63%
C17 Total			**4,049.4**	**4,049.4**	**4,049.4**	**4,049.4**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
C18	AgLnd	Irr	1,319.4	1,369.2	1,370.2	1,305.2	47.44%	49.23%	49.26%	46.92%	1.79%	0.04%	-2.34%	-0.51%
		NoIrr	1,071.5	938.0	924.1	984.7	38.52%	33.72%	33.22%	35.40%	-4.80%	-0.50%	2.18%	-3.12%
	AgLnd Total		**2,390.9**	**2,307.2**	**2,294.3**	**2,289.9**	**85.96%**	**82.95%**	**82.48%**	**82.32%**	-3.01%	-0.46%	-0.16%	-3.63%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	29.2	55.1	81.1	85.0	1.05%	1.98%	2.92%	3.06%	0.93%	0.93%	0.14%	2.01%
	AgInf Total		**29.2**	**55.1**	**81.1**	**85.0**	**1.05%**	**1.98%**	**2.92%**	**3.06%**	0.93%	0.93%	0.14%	2.01%
	Ch	Ch	336.2	361.9	353.6	348.6	12.09%	13.01%	12.71%	12.53%	0.92%	-0.30%	-0.18%	0.45%
	Ch Total		**336.2**	**361.9**	**353.6**	**348.6**	**12.09%**	**13.01%**	**12.71%**	**12.53%**	0.92%	-0.30%	-0.18%	0.45%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	3.8	18.2	18.4	18.5	0.14%	0.65%	0.66%	0.66%	0.52%	0.01%	0.00%	0.53%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	17.8	17.7	23.2	0.00%	0.64%	0.64%	0.83%	0.64%	0.00%	0.20%	0.83%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**3.8**	**35.9**	**36.1**	**41.6**	**0.14%**	**1.29%**	**1.30%**	**1.50%**	1.15%	0.01%	0.20%	1.36%
	Trans	Int	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		PubRd	12.2	12.2	12.2	12.2	0.44%	0.44%	0.44%	0.44%	0.00%	0.00%	0.00%	0.00%
		RR	9.2	9.2	4.2	4.3	0.33%	0.33%	0.15%	0.15%	0.00%	-0.18%	0.00%	-0.18%
	Trans Total		**21.4**	**21.4**	**16.4**	**16.4**	**0.77%**	**0.77%**	**0.59%**	**0.59%**	0.00%	-0.18%	0.00%	-0.18%
C18 Total			**2,781.6**	**2,781.6**	**2,781.6**	**2,781.6**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
C19	AgLnd	Irr	4,385.3	4,374.3	4,543.7	4,450.9	38.37%	38.28%	39.76%	38.95%	-0.10%	1.48%	-0.81%	0.57%
		NoIrr	5,367.2	5,300.2	5,057.7	5,141.0	46.96%	46.38%	44.26%	44.98%	-0.59%	-2.12%	0.73%	-1.98%
	AgLnd Total		**9,752.6**	**9,674.4**	**9,601.3**	**9,591.9**	**85.34%**	**84.65%**	**84.01%**	**83.93%**	-0.68%	-0.64%	-0.08%	-1.41%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	178.6	282.6	370.5	363.1	1.56%	2.47%	3.24%	3.18%	0.91%	0.77%	-0.06%	1.61%
	AgInf Total		**178.6**	**282.6**	**370.5**	**363.1**	**1.56%**	**2.47%**	**3.24%**	**3.18%**	0.91%	0.77%	-0.06%	1.61%
	Ch	Ch	1,284.1	1,242.4	1,192.8	1,209.8	11.24%	10.87%	10.44%	10.59%	-0.36%	-0.43%	0.15%	-0.65%
	Ch Total		**1,284.1**	**1,242.4**	**1,192.8**	**1,209.8**	**11.24%**	**10.87%**	**10.44%**	**10.59%**	-0.36%	-0.43%	0.15%	-0.65%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	0.0	11.8	11.8	0.00%	0.00%	0.10%	0.10%	0.00%	0.10%	0.00%	0.10%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**0.0**	**0.0**	**11.8**	**11.8**	**0.00%**	**0.00%**	**0.10%**	**0.10%**	0.00%	0.10%	0.00%	0.10%
	Trans	Int	0.0	0.0	55.8	55.8	0.00%	0.00%	0.49%	0.49%	0.00%	0.49%	0.00%	0.49%
		PubRd	84.5	100.2	131.4	131.2	0.74%	0.88%	1.15%	1.15%	0.14%	0.27%	0.00%	0.41%
		RR	128.7	128.7	64.7	64.7	1.13%	1.13%	0.57%	0.57%	0.00%	-0.56%	0.00%	-0.56%
	Trans Total		**213.2**	**228.9**	**251.9**	**251.8**	**1.87%**	**2.00%**	**2.20%**	**2.20%**	0.14%	0.20%	0.00%	0.34%
C19 Total			**11,428.4**	**11,428.4**	**11,428.4**	**11,428.4**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
C20	AgLnd	Irr	2,725.1	2,923.7	2,946.7	3,041.5	38.27%	41.06%	41.38%	42.71%	2.79%	0.32%	1.33%	4.44%
		NoIrr	3,391.4	3,066.2	3,057.2	2,954.8	47.63%	43.06%	42.93%	41.49%	-4.57%	-0.13%	-1.44%	-6.13%
	AgLnd Total		**6,116.5**	**5,989.9**	**6,003.9**	**5,996.3**	**85.89%**	**84.11%**	**84.31%**	**84.20%**	-1.78%	0.20%	-0.11%	-1.69%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	42.5	119.8	168.3	158.1	0.60%	1.68%	2.36%	2.22%	1.08%	0.68%	-0.14%	1.62%
	AgInf Total		**42.5**	**119.8**	**168.3**	**158.1**	**0.60%**	**1.68%**	**2.36%**	**2.22%**	1.08%	0.68%	-0.14%	1.62%
	Ch	Ch	848.8	811.6	762.2	780.5	11.92%	11.40%	10.70%	10.96%	-0.52%	-0.69%	0.26%	-0.96%
	Ch Total		**848.8**	**811.6**	**762.2**	**780.5**	**11.92%**	**11.40%**	**10.70%**	**10.96%**	-0.52%	-0.69%	0.26%	-0.96%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	2.4	1.9	0.00%	0.00%	0.03%	0.03%	0.00%	0.03%	-0.01%	0.03%
	ExUrb Total		**0.0**	**0.0**	**2.4**	**1.9**	**0.00%**	**0.00%**	**0.03%**	**0.03%**	0.00%	0.03%	-0.01%	0.03%
	Trans	Int	0.0	95.3	95.3	95.3	0.00%	1.34%	1.34%	1.34%	1.34%	0.00%	0.00%	1.34%
		PubRd	44.8	34.4	59.9	59.9	0.63%	0.48%	0.84%	0.84%	-0.15%	0.36%	0.00%	0.21%
		RR	68.5	70.2	29.1	29.1	0.96%	0.99%	0.41%	0.41%	0.02%	-0.58%	0.00%	-0.55%
	Trans Total		**113.3**	**199.9**	**184.3**	**184.3**	**1.59%**	**2.81%**	**2.59%**	**2.59%**	1.22%	-0.22%	0.00%	1.00%
C20 Total			**7,121.1**	**7,121.1**	**7,121.1**	**7,121.1**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
C21	AgLnd	Irr	1,799.1	2,164.8	1,737.3	1,915.9	23.07%	27.76%	22.28%	24.57%	4.69%	-5.48%	2.29%	1.50%
		NoIrr	4,830.2	4,331.8	4,818.5	4,611.2	61.95%	55.55%	61.80%	59.14%	-6.39%	6.24%	-2.66%	-2.81%
	AgLnd Total		**6,629.3**	**6,496.6**	**6,555.7**	**6,527.2**	**85.02%**	**83.32%**	**84.08%**	**83.71%**	-1.70%	0.76%	-0.37%	-1.31%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	35.4	95.4	99.7	99.7	0.45%	1.22%	1.28%	1.28%	0.77%	0.06%	0.00%	0.82%
	AgInf Total		**35.4**	**95.4**	**99.7**	**99.7**	**0.45%**	**1.22%**	**1.28%**	**1.28%**	0.77%	0.06%	0.00%	0.82%
	Ch	Ch	1,032.2	1,025.5	967.1	995.7	13.24%	13.15%	12.40%	12.77%	-0.09%	-0.75%	0.37%	-0.47%
	Ch Total		**1,032.2**	**1,025.5**	**967.1**	**995.7**	**13.24%**	**13.15%**	**12.40%**	**12.77%**	-0.09%	-0.75%	0.37%	-0.47%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	11.1	11.1	0.00%	0.00%	0.14%	0.14%	0.00%	0.14%	0.00%	0.14%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**0.0**	**0.0**	**11.1**	**11.1**	**0.00%**	**0.00%**	**0.14%**	**0.14%**	0.00%	0.14%	0.00%	0.14%
	Trans	Int	0.0	76.2	76.2	76.2	0.00%	0.98%	0.98%	0.98%	0.98%	0.00%	0.00%	0.98%
		PubRd	28.4	31.7	57.1	57.1	0.36%	0.41%	0.73%	0.73%	0.04%	0.33%	0.00%	0.37%
		RR	72.0	72.0	30.5	30.5	0.92%	0.92%	0.39%	0.39%	0.00%	-0.53%	0.00%	-0.53%
	Trans Total		**100.5**	**179.9**	**163.8**	**163.8**	**1.29%**	**2.31%**	**2.10%**	**2.10%**	1.02%	-0.21%	0.00%	0.81%
C21 Total			**7,797.4**	**7,797.4**	**7,797.4**	**7,797.4**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
D1	AgLnd	Irr	682.4	865.6	1,047.9	1,156.6	8.61%	10.93%	13.23%	14.60%	2.31%	2.30%	1.37%	5.99%
		NoIrr	5,846.2	5,653.6	5,499.0	5,383.0	73.80%	71.37%	69.41%	67.95%	-2.43%	-1.95%	-1.46%	-5.85%
	AgLnd Total		**6,528.5**	**6,519.2**	**6,546.9**	**6,539.6**	**82.41%**	**82.29%**	**82.64%**	**82.55%**	-0.12%	0.35%	-0.09%	0.14%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	7.0	30.6	63.9	56.6	0.09%	0.39%	0.81%	0.71%	0.30%	0.42%	-0.09%	0.63%
	AgInf Total		**7.0**	**30.6**	**63.9**	**56.6**	**0.09%**	**0.39%**	**0.81%**	**0.71%**	0.30%	0.42%	-0.09%	0.63%
	Ch	Ch	1,283.0	1,257.0	1,220.9	1,250.9	16.19%	15.87%	15.41%	15.79%	-0.33%	-0.46%	0.38%	-0.40%
	Ch Total		**1,283.0**	**1,257.0**	**1,220.9**	**1,250.9**	**16.19%**	**15.87%**	**15.41%**	**15.79%**	-0.33%	-0.46%	0.38%	-0.40%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	16.2	16.2	16.2	0.00%	0.20%	0.20%	0.20%	0.20%	0.00%	0.00%	0.20%
	ExUrb Total		**0.0**	**16.2**	**16.2**	**16.2**	**0.00%**	**0.20%**	**0.20%**	**0.20%**	0.20%	0.00%	0.00%	0.20%
	Trans	Int	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		PubRd	31.5	25.1	41.9	26.6	0.40%	0.32%	0.53%	0.34%	-0.08%	0.21%	-0.19%	-0.06%
		RR	72.0	73.8	32.1	32.1	0.91%	0.93%	0.41%	0.41%	0.02%	-0.53%	0.00%	-0.50%
	Trans Total		**103.5**	**99.0**	**74.1**	**58.7**	**1.31%**	**1.25%**	**0.93%**	**0.74%**	-0.06%	-0.31%	-0.19%	-0.57%
D1 Total			**7,922.0**	**7,922.0**	**7,922.0**	**7,922.0**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
D2	AgLnd	Irr	630.5	779.2	1,761.5	1,781.9	7.68%	9.49%	21.47%	21.71%	1.81%	11.97%	0.25%	14.03%
		NoIrr	6,415.3	5,981.8	5,027.1	5,001.2	78.18%	72.89%	61.26%	60.94%	-5.28%	-11.63%	-0.31%	-17.23%
	AgLnd Total		**7,045.8**	**6,761.0**	**6,788.6**	**6,783.1**	**85.86%**	**82.39%**	**82.72%**	**82.66%**	-3.47%	0.34%	-0.07%	-3.20%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	9.7	63.6	67.2	60.7	0.12%	0.78%	0.82%	0.74%	0.66%	0.04%	-0.08%	0.62%
	AgInf Total		**9.7**	**63.6**	**67.2**	**60.7**	**0.12%**	**0.78%**	**0.82%**	**0.74%**	0.66%	0.04%	-0.08%	0.62%
	Ch	Ch	1,008.5	999.5	998.9	1,011.0	12.29%	12.18%	12.17%	12.32%	-0.11%	-0.01%	0.15%	0.03%
	Ch Total		**1,008.5**	**999.5**	**998.9**	**1,011.0**	**12.29%**	**12.18%**	**12.17%**	**12.32%**	-0.11%	-0.01%	0.15%	0.03%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	0.0	3.2	3.2	0.00%	0.00%	0.04%	0.04%	0.00%	0.04%	0.00%	0.04%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	33.9	0.0	0.0	0.00%	0.41%	0.00%	0.00%	0.41%	-0.41%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**0.0**	**33.9**	**3.2**	**3.2**	**0.00%**	**0.41%**	**0.04%**	**0.04%**	0.41%	-0.37%	0.00%	0.04%
	Trans	Int	0.0	210.4	218.6	218.6	0.00%	2.56%	2.66%	2.66%	2.56%	0.10%	0.00%	2.66%
		PubRd	60.8	57.1	53.9	53.9	0.74%	0.70%	0.66%	0.66%	-0.04%	-0.04%	0.00%	-0.08%
		RR	81.4	80.7	75.9	75.9	0.99%	0.98%	0.92%	0.92%	-0.01%	-0.06%	0.00%	-0.07%
	Trans Total		**142.2**	**348.3**	**348.3**	**348.3**	**1.73%**	**4.24%**	**4.24%**	**4.24%**	2.51%	0.00%	0.00%	2.51%
D2 Total			**8,206.3**	**8,206.3**	**8,206.3**	**8,206.3**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
D3	AgLnd	Irr	1,421.0	1,835.4	1,620.6	2,101.9	20.58%	26.59%	23.47%	30.45%	6.00%	-3.11%	6.97%	9.86%
		NoIrr	4,387.1	3,890.0	4,076.3	3,596.3	63.55%	56.35%	59.05%	52.09%	-7.20%	2.70%	-6.95%	-11.45%
	AgLnd Total		**5,808.1**	**5,725.3**	**5,696.9**	**5,698.2**	**84.13%**	**82.93%**	**82.52%**	**82.54%**	-1.20%	-0.41%	0.02%	-1.59%
	AgInf	Canal	12.1	11.2	11.8	11.8	0.18%	0.16%	0.17%	0.17%	-0.01%	0.01%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	9.4	64.2	62.8	57.4	0.14%	0.93%	0.91%	0.83%	0.79%	-0.02%	-0.08%	0.70%
	AgInf Total		**21.5**	**75.4**	**74.6**	**69.3**	**0.31%**	**1.09%**	**1.08%**	**1.00%**	0.78%	-0.01%	-0.08%	0.69%
	Ch	Ch	1,008.9	1,037.7	1,054.1	1,058.1	14.61%	15.03%	15.27%	15.33%	0.42%	0.24%	0.06%	0.71%
	Ch Total		**1,008.9**	**1,037.7**	**1,054.1**	**1,058.1**	**14.61%**	**15.03%**	**15.27%**	**15.33%**	0.42%	0.24%	0.06%	0.71%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	Trans	Int	0.0	0.0	12.9	12.9	0.00%	0.00%	0.19%	0.19%	0.00%	0.19%	0.00%	0.19%
		PubRd	23.7	23.6	23.6	23.6	0.34%	0.34%	0.34%	0.34%	0.00%	0.00%	0.00%	0.00%
		RR	41.5	41.5	41.5	41.5	0.60%	0.60%	0.60%	0.60%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**65.1**	**65.1**	**78.0**	**78.0**	**0.94%**	**0.94%**	**1.13%**	**1.13%**	0.00%	0.19%	0.00%	0.19%
D3 Total			**6,903.6**	**6,903.6**	**6,903.6**	**6,903.6**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
D4	AgLnd	Irr	1,601.4	2,383.7	2,446.4	2,544.7	16.76%	24.95%	25.60%	26.63%	8.19%	0.66%	1.03%	9.87%
		NoIrr	6,021.7	5,262.6	5,482.2	5,349.8	63.02%	55.07%	57.37%	55.99%	-7.94%	2.30%	-1.39%	-7.03%
	AgLnd Total		**7,623.1**	**7,646.4**	**7,928.7**	**7,894.5**	**79.78%**	**80.02%**	**82.97%**	**82.62%**	0.24%	2.95%	-0.36%	2.84%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	75.0	70.2	140.1	142.8	0.78%	0.74%	1.47%	1.49%	-0.05%	0.73%	0.03%	0.71%
	AgInf Total		**75.0**	**70.2**	**140.1**	**142.8**	**0.78%**	**0.74%**	**1.47%**	**1.49%**	-0.05%	0.73%	0.03%	0.71%
	Ch	Ch	1,770.0	1,752.3	1,400.2	1,431.5	18.52%	18.34%	14.65%	14.98%	-0.18%	-3.69%	0.33%	-3.54%
	Ch Total		**1,770.0**	**1,752.3**	**1,400.2**	**1,431.5**	**18.52%**	**18.34%**	**14.65%**	**14.98%**	-0.18%	-3.69%	0.33%	-3.54%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	Trans	Int	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		PubRd	35.4	34.7	34.7	34.7	0.37%	0.36%	0.36%	0.36%	-0.01%	0.00%	0.00%	-0.01%
		RR	52.2	52.1	52.2	52.2	0.55%	0.54%	0.55%	0.55%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**87.6**	**86.7**	**86.8**	**86.8**	**0.92%**	**0.91%**	**0.91%**	**0.91%**	-0.01%	0.00%	0.00%	-0.01%
D4 Total			**9,555.7**	**9,555.7**	**9,555.7**	**9,555.7**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
D5	AgLnd	Irr	864.7	1,664.0	1,927.4	1,909.6	8.14%	15.67%	18.15%	17.98%	7.52%	2.48%	-0.17%	9.84%
		NoIrr	6,204.3	5,054.5	4,598.3	4,469.2	58.41%	47.59%	43.29%	42.08%	-10.83%	-4.29%	-1.22%	-16.34%
	AgLnd Total		**7,069.1**	**6,718.5**	**6,525.7**	**6,378.8**	**66.55%**	**63.25%**	**61.44%**	**60.05%**	-3.30%	-1.82%	-1.38%	-6.50%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	25.2	56.5	99.8	114.2	0.24%	0.53%	0.94%	1.08%	0.29%	0.41%	0.14%	0.84%
	AgInf Total		**25.2**	**56.5**	**99.8**	**114.2**	**0.24%**	**0.53%**	**0.94%**	**1.08%**	0.29%	0.41%	0.14%	0.84%
	Ch	Ch	3,421.8	3,470.9	3,522.6	3,611.7	32.22%	32.68%	33.16%	34.00%	0.46%	0.49%	0.84%	1.79%
	Ch Total		**3,421.8**	**3,470.9**	**3,522.6**	**3,611.7**	**32.22%**	**32.68%**	**33.16%**	**34.00%**	0.46%	0.49%	0.84%	1.79%
	Urban	UrRes	0.0	174.0	203.0	203.0	0.00%	1.64%	1.91%	1.91%	1.64%	0.27%	0.00%	1.91%
		UrCom	0.0	6.6	13.3	20.3	0.00%	0.06%	0.12%	0.19%	0.06%	0.06%	0.07%	0.19%
		UrInd	0.0	45.6	68.0	85.3	0.00%	0.43%	0.64%	0.80%	0.43%	0.21%	0.16%	0.80%
		UrUnd	0.0	22.6	25.4	55.1	0.00%	0.21%	0.24%	0.52%	0.21%	0.03%	0.28%	0.52%
		UrOth	0.0	9.4	27.6	27.6	0.00%	0.09%	0.26%	0.26%	0.09%	0.17%	0.00%	0.26%
	Urban Total		**0.0**	**258.2**	**337.2**	**391.2**	**0.00%**	**2.43%**	**3.17%**	**3.68%**	2.43%	0.74%	0.51%	3.68%
	ExUrb	ExRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	14.5	22.7	23.7	0.00%	0.14%	0.21%	0.22%	0.14%	0.08%	0.01%	0.22%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	11.2	0.0	0.00%	0.00%	0.11%	0.00%	0.00%	0.11%	-0.11%	0.00%
	ExUrb Total		**0.0**	**14.5**	**33.9**	**23.7**	**0.00%**	**0.14%**	**0.32%**	**0.22%**	0.14%	0.18%	-0.10%	0.22%
	Trans	Int	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		PubRd	42.9	40.1	40.1	40.1	0.40%	0.38%	0.38%	0.38%	-0.03%	0.00%	0.00%	-0.03%
		RR	62.7	63.1	62.4	62.1	0.59%	0.59%	0.59%	0.58%	0.00%	-0.01%	0.00%	-0.01%
	Trans Total		**105.6**	**103.2**	**102.5**	**102.2**	**0.99%**	**0.97%**	**0.97%**	**0.96%**	-0.02%	-0.01%	0.00%	-0.03%
D5 Total			**10,621.7**	**10,621.7**	**10,621.7**	**10,621.7**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
D6	AgLnd	Irr	304.1	559.7	791.8	781.8	5.76%	10.60%	14.99%	14.80%	4.84%	4.40%	-0.19%	9.04%
		NoIrr	2,897.4	2,545.5	2,300.7	2,285.5	54.85%	48.19%	43.56%	43.27%	-6.66%	-4.63%	-0.29%	-11.58%
	AgLnd Total		**3,201.5**	**3,105.1**	**3,092.5**	**3,067.3**	**60.61%**	**58.79%**	**58.55%**	**58.07%**	-1.82%	-0.24%	-0.48%	-2.54%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	27.4	71.7	75.1	70.7	0.52%	1.36%	1.42%	1.34%	0.84%	0.06%	-0.08%	0.82%
	AgInf Total		**27.4**	**71.7**	**75.1**	**70.7**	**0.52%**	**1.36%**	**1.42%**	**1.34%**	0.84%	0.06%	-0.08%	0.82%
	Ch	Ch	1,379.7	938.3	737.8	755.5	26.12%	17.77%	13.97%	14.30%	-8.36%	-3.80%	0.34%	-11.82%
	Ch Total		**1,379.7**	**938.3**	**737.8**	**755.5**	**26.12%**	**17.77%**	**13.97%**	**14.30%**	-8.36%	-3.80%	0.34%	-11.82%
	Urban	UrRes	197.6	409.6	432.4	434.8	3.74%	7.75%	8.19%	8.23%	4.01%	0.43%	0.04%	4.49%
		UrCom	79.1	116.1	115.1	115.1	1.50%	2.20%	2.18%	2.18%	0.70%	-0.02%	0.00%	0.68%
		UrInd	93.1	233.4	250.6	250.6	1.76%	4.42%	4.75%	4.75%	2.66%	0.33%	0.00%	2.98%
		UrUnd	42.9	51.1	80.8	90.3	0.81%	0.97%	1.53%	1.71%	0.15%	0.56%	0.18%	0.90%
		UrOth	150.4	39.1	96.7	96.7	2.85%	0.74%	1.83%	1.83%	-2.11%	1.09%	0.00%	-1.02%
	Urban Total		**563.1**	**849.1**	**975.8**	**987.6**	**10.66%**	**16.08%**	**18.47%**	**18.70%**	5.42%	2.40%	0.22%	8.04%
	ExUrb	ExRes	0.0	23.5	27.5	27.5	0.00%	0.45%	0.52%	0.52%	0.45%	0.08%	0.00%	0.52%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	60.4	60.4	60.4	0.00%	1.14%	1.14%	1.14%	1.14%	0.00%	0.00%	1.14%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	64.1	143.3	143.3	0.00%	1.21%	2.71%	2.71%	1.21%	1.50%	0.00%	2.71%
	ExUrb Total		**0.0**	**148.0**	**231.2**	**231.2**	**0.00%**	**2.80%**	**4.38%**	**4.38%**	2.80%	1.57%	0.00%	4.38%
	Trans	Int	0.0	57.8	57.7	57.7	0.00%	1.09%	1.09%	1.09%	1.09%	0.00%	0.00%	1.09%
		PubRd	64.8	66.8	66.8	66.8	1.23%	1.26%	1.27%	1.27%	0.04%	0.00%	0.00%	0.04%
		RR	45.5	45.1	45.1	45.1	0.86%	0.85%	0.85%	0.85%	-0.01%	0.00%	0.00%	-0.01%
	Trans Total		**110.3**	**169.6**	**169.6**	**169.6**	**2.09%**	**3.21%**	**3.21%**	**3.21%**	1.12%	0.00%	0.00%	1.12%
D6 Total			**5,281.9**	**5,281.9**	**5,281.9**	**5,281.9**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
D7	AgLnd	Irr	0.0	182.4	876.4	991.9	0.00%	2.70%	13.00%	14.71%	2.70%	10.29%	1.71%	14.71%
		NoIrr	4,756.4	4,485.5	3,767.4	3,628.6	70.54%	66.52%	55.87%	53.81%	-4.02%	-10.65%	-2.06%	-16.73%
	AgLnd Total		**4,756.4**	**4,667.8**	**4,643.8**	**4,620.5**	**70.54%**	**69.23%**	**68.87%**	**68.53%**	-1.31%	-0.36%	-0.34%	-2.01%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	29.3	63.6	81.0	83.7	0.43%	0.94%	1.20%	1.24%	0.51%	0.26%	0.04%	0.81%
	AgInf Total		**29.3**	**63.6**	**81.0**	**83.7**	**0.43%**	**0.94%**	**1.20%**	**1.24%**	0.51%	0.26%	0.04%	0.81%
	Ch	Ch	1,868.8	1,918.1	1,881.3	1,899.4	27.72%	28.45%	27.90%	28.17%	0.73%	-0.55%	0.27%	0.45%
	Ch Total		**1,868.8**	**1,918.1**	**1,881.3**	**1,899.4**	**27.72%**	**28.45%**	**27.90%**	**28.17%**	0.73%	-0.55%	0.27%	0.45%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	3.0	22.1	25.6	0.00%	0.04%	0.33%	0.38%	0.04%	0.28%	0.05%	0.38%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	24.3	23.4	0.00%	0.00%	0.36%	0.35%	0.00%	0.36%	-0.01%	0.35%
	ExUrb Total		**0.0**	**3.0**	**46.4**	**48.9**	**0.00%**	**0.04%**	**0.69%**	**0.73%**	0.04%	0.64%	0.04%	0.73%
	Trans	Int	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		PubRd	56.9	58.9	58.9	58.9	0.84%	0.87%	0.87%	0.87%	0.03%	0.00%	0.00%	0.03%
		RR	31.3	31.3	31.3	31.3	0.46%	0.46%	0.46%	0.46%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**88.2**	**90.2**	**90.2**	**90.2**	**1.31%**	**1.34%**	**1.34%**	**1.34%**	0.03%	0.00%	0.00%	0.03%
D7 Total			**6,742.8**	**6,742.8**	**6,742.8**	**6,742.8**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
D8	AgLnd	Irr	51.2	330.8	592.1	614.9	0.60%	3.85%	6.89%	7.15%	3.25%	3.04%	0.26%	6.56%
		NoIrr	5,277.6	5,009.7	4,745.7	4,638.5	61.39%	58.28%	55.21%	53.96%	-3.12%	-3.07%	-1.25%	-7.43%
	AgLnd Total		**5,328.8**	**5,340.5**	**5,337.9**	**5,253.4**	**61.99%**	**62.13%**	**62.09%**	**61.11%**	0.14%	-0.03%	-0.98%	-0.88%
	AgInf	Canal	29.1	29.1	29.1	29.1	0.34%	0.34%	0.34%	0.34%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	10.9	53.9	86.0	88.2	0.13%	0.63%	1.00%	1.03%	0.50%	0.37%	0.03%	0.90%
	AgInf Total		**39.9**	**83.0**	**115.1**	**117.3**	**0.46%**	**0.97%**	**1.34%**	**1.36%**	0.50%	0.37%	0.03%	0.90%
	Ch	Ch	3,070.4	3,023.7	2,971.5	3,053.7	35.72%	35.17%	34.57%	35.52%	-0.54%	-0.61%	0.96%	-0.19%
	Ch Total		**3,070.4**	**3,023.7**	**2,971.5**	**3,053.7**	**35.72%**	**35.17%**	**34.57%**	**35.52%**	-0.54%	-0.61%	0.96%	-0.19%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	17.3	35.8	35.8	35.8	0.20%	0.42%	0.42%	0.42%	0.21%	0.00%	0.00%	0.21%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	20.7	20.7	0.00%	0.00%	0.24%	0.24%	0.00%	0.24%	0.00%	0.24%
	ExUrb Total		**17.3**	**35.8**	**56.5**	**56.5**	**0.20%**	**0.42%**	**0.66%**	**0.66%**	0.21%	0.24%	0.00%	0.46%
	Trans	Int	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		PubRd	94.6	69.0	71.1	71.1	1.10%	0.80%	0.83%	0.83%	-0.30%	0.02%	0.00%	-0.27%
		RR	45.4	44.5	44.5	44.5	0.53%	0.52%	0.52%	0.52%	-0.01%	0.00%	0.00%	-0.01%
	Trans Total		**139.9**	**113.4**	**115.5**	**115.5**	**1.63%**	**1.32%**	**1.34%**	**1.34%**	-0.31%	0.02%	0.00%	-0.28%
D8 Total			**8,596.4**	**8,596.4**	**8,596.4**	**8,596.4**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
D9	AgLnd	Irr	760.3	885.6	891.0	891.0	19.99%	23.28%	23.43%	23.43%	3.29%	0.14%	0.00%	3.44%
		NoIrr	2,247.8	2,244.2	2,220.6	2,211.1	59.10%	59.00%	58.38%	58.13%	-0.09%	-0.62%	-0.25%	-0.96%
	AgLnd Total		**3,008.1**	**3,129.8**	**3,111.7**	**3,102.1**	**79.09%**	**82.29%**	**81.81%**	**81.56%**	3.20%	-0.48%	-0.25%	2.47%
	AgInf	Canal	65.5	65.5	65.5	65.5	1.72%	1.72%	1.72%	1.72%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	15.8	15.8	12.8	12.8	0.42%	0.42%	0.34%	0.34%	0.00%	-0.08%	0.00%	-0.08%
	AgInf Total		**81.3**	**81.3**	**78.3**	**78.3**	**2.14%**	**2.14%**	**2.06%**	**2.06%**	0.00%	-0.08%	0.00%	-0.08%
	Ch	Ch	679.0	557.3	578.5	588.0	17.85%	14.65%	15.21%	15.46%	-3.20%	0.56%	0.25%	-2.39%
	Ch Total		**679.0**	**557.3**	**578.5**	**588.0**	**17.85%**	**14.65%**	**15.21%**	**15.46%**	-3.20%	0.56%	0.25%	-2.39%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	Trans	Int	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		PubRd	18.9	18.9	18.9	18.9	0.50%	0.50%	0.50%	0.50%	0.00%	0.00%	0.00%	0.00%
		RR	16.2	16.2	16.2	16.2	0.43%	0.43%	0.43%	0.43%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**35.2**	**35.2**	**35.2**	**35.2**	**0.92%**	**0.92%**	**0.92%**	**0.92%**	0.00%	0.00%	0.00%	0.00%
D9 Total			**3,803.6**	**3,803.6**	**3,803.6**	**3,803.6**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
D10	AgLnd	Irr	722.6	1,130.0	1,533.3	1,504.8	8.81%	13.78%	18.69%	18.35%	4.97%	4.92%	-0.35%	9.54%
		NoIrr	3,863.4	4,018.4	4,158.4	3,825.2	47.10%	48.99%	50.70%	46.64%	1.89%	1.71%	-4.06%	-0.47%
	AgLnd Total		**4,586.0**	**5,148.3**	**5,691.7**	**5,330.0**	**55.91%**	**62.77%**	**69.39%**	**64.98%**	6.86%	6.63%	-4.41%	9.07%
	AgInf	Canal	26.3	26.3	26.3	26.3	0.32%	0.32%	0.32%	0.32%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	17.8	17.5	28.8	26.3	0.22%	0.21%	0.35%	0.32%	0.00%	0.14%	-0.03%	0.10%
	AgInf Total		**44.1**	**43.8**	**55.1**	**52.6**	**0.54%**	**0.53%**	**0.67%**	**0.64%**	0.00%	0.14%	-0.03%	0.10%
	Ch	Ch	3,546.5	2,979.5	2,424.1	2,788.3	43.24%	36.33%	29.55%	33.99%	-6.91%	-6.77%	4.44%	-9.24%
	Ch Total		**3,546.5**	**2,979.5**	**2,424.1**	**2,788.3**	**43.24%**	**36.33%**	**29.55%**	**33.99%**	-6.91%	-6.77%	4.44%	-9.24%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	4.9	5.7	5.7	0.00%	0.06%	0.07%	0.07%	0.06%	0.01%	0.00%	0.07%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**0.0**	**4.9**	**5.7**	**5.7**	**0.00%**	**0.06%**	**0.07%**	**0.07%**	0.06%	0.01%	0.00%	0.07%
	Trans	Int	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		PubRd	4.6	4.6	4.6	4.6	0.06%	0.06%	0.06%	0.06%	0.00%	0.00%	0.00%	0.00%
		RR	21.0	21.0	21.0	21.0	0.26%	0.26%	0.26%	0.26%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**25.7**	**25.7**	**25.7**	**25.7**	**0.31%**	**0.31%**	**0.31%**	**0.31%**	0.00%	0.00%	0.00%	0.00%
D10 Total			**8,202.2**	**8,202.2**	**8,202.2**	**8,202.2**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
D11	AgLnd	Irr	610.2	584.4	738.9	669.6	9.50%	9.09%	11.50%	10.42%	-0.40%	2.40%	-1.08%	0.92%
		NoIrr	2,727.4	3,333.5	3,768.0	3,787.7	42.44%	51.87%	58.63%	58.94%	9.43%	6.76%	0.31%	16.50%
	AgLnd Total		**3,337.6**	**3,918.0**	**4,506.9**	**4,457.3**	**51.94%**	**60.97%**	**70.13%**	**69.36%**	9.03%	9.16%	-0.77%	17.42%
	AgInf	Canal	14.6	14.6	14.6	14.6	0.23%	0.23%	0.23%	0.23%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	25.3	34.9	37.6	35.0	0.39%	0.54%	0.59%	0.55%	0.15%	0.04%	-0.04%	0.15%
	AgInf Total		**39.9**	**49.5**	**52.2**	**49.7**	**0.62%**	**0.77%**	**0.81%**	**0.77%**	0.15%	0.04%	-0.04%	0.15%
	Ch	Ch	3,002.8	2,392.1	1,792.4	1,844.6	46.73%	37.22%	27.89%	28.70%	-9.50%	-9.33%	0.81%	-18.02%
	Ch Total		**3,002.8**	**2,392.1**	**1,792.4**	**1,844.6**	**46.73%**	**37.22%**	**27.89%**	**28.70%**	-9.50%	-9.33%	0.81%	-18.02%
	Urban	UrRes	13.0	14.7	17.3	17.3	0.20%	0.23%	0.27%	0.27%	0.03%	0.04%	0.00%	0.07%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	5.2	0.0	0.0	0.00%	0.08%	0.00%	0.00%	0.08%	-0.08%	0.00%	0.00%
		UrOth	0.0	7.7	17.8	17.8	0.00%	0.12%	0.28%	0.28%	0.12%	0.16%	0.00%	0.28%
	Urban Total		**13.0**	**27.5**	**35.0**	**35.0**	**0.20%**	**0.43%**	**0.55%**	**0.55%**	0.23%	0.12%	0.00%	0.34%
	ExUrb	ExRes	1.6	1.6	0.5	0.5	0.02%	0.02%	0.01%	0.01%	0.00%	-0.02%	0.00%	-0.02%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**1.6**	**1.6**	**0.5**	**0.5**	**0.02%**	**0.02%**	**0.01%**	**0.01%**	0.00%	-0.02%	0.00%	-0.02%
	Trans	Int	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		PubRd	19.5	25.6	27.2	27.2	0.30%	0.40%	0.42%	0.42%	0.10%	0.03%	0.00%	0.12%
		RR	11.9	11.9	11.9	11.9	0.19%	0.19%	0.19%	0.19%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**31.4**	**37.5**	**39.1**	**39.1**	**0.49%**	**0.58%**	**0.61%**	**0.61%**	0.10%	0.03%	0.00%	0.12%
D11 Total			**6,426.2**	**6,426.2**	**6,426.2**	**6,426.2**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
D12	AgLnd	Irr	2,107.6	2,240.8	3,003.0	2,947.4	20.17%	21.45%	28.74%	28.21%	1.27%	7.30%	-0.53%	8.04%
		NoIrr	3,778.4	3,965.1	3,127.7	3,139.4	36.16%	37.95%	29.94%	30.05%	1.79%	-8.02%	0.11%	-6.12%
	AgLnd Total		**5,885.9**	**6,205.8**	**6,130.7**	**6,086.8**	**56.34%**	**59.40%**	**58.68%**	**58.26%**	3.06%	-0.72%	-0.42%	1.92%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	59.8	108.8	165.8	154.9	0.57%	1.04%	1.59%	1.48%	0.47%	0.55%	-0.10%	0.91%
	AgInf Total		**59.8**	**108.8**	**165.8**	**154.9**	**0.57%**	**1.04%**	**1.59%**	**1.48%**	0.47%	0.55%	-0.10%	0.91%
	Ch	Ch	4,458.3	4,074.3	4,090.9	4,145.8	42.67%	39.00%	39.16%	39.68%	-3.68%	0.16%	0.52%	-2.99%
	Ch Total		**4,458.3**	**4,074.3**	**4,090.9**	**4,145.8**	**42.67%**	**39.00%**	**39.16%**	**39.68%**	-3.68%	0.16%	0.52%	-2.99%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	0.0	1.7	1.7	0.00%	0.00%	0.02%	0.02%	0.00%	0.02%	0.00%	0.02%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**0.0**	**0.0**	**1.7**	**1.7**	**0.00%**	**0.00%**	**0.02%**	**0.02%**	0.00%	0.02%	0.00%	0.02%
	Trans	Int	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		PubRd	26.4	41.5	41.2	41.2	0.25%	0.40%	0.39%	0.39%	0.14%	0.00%	0.00%	0.14%
		RR	17.3	17.3	17.3	17.3	0.17%	0.17%	0.17%	0.17%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**43.7**	**58.8**	**58.6**	**58.6**	**0.42%**	**0.56%**	**0.56%**	**0.56%**	0.14%	0.00%	0.00%	0.14%
D12 Total			**10,447.8**	**10,447.8**	**10,447.8**	**10,447.8**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
D13	AgLnd	Irr	3,209.5	3,140.9	3,229.6	3,217.9	46.66%	45.66%	46.95%	46.78%	-1.00%	1.29%	-0.17%	0.12%
		NoIrr	1,842.9	1,799.3	1,830.9	1,779.9	26.79%	26.16%	26.62%	25.87%	-0.63%	0.46%	-0.74%	-0.92%
	AgLnd Total		**5,052.4**	**4,940.2**	**5,060.6**	**4,997.8**	**73.45%**	**71.82%**	**73.57%**	**72.65%**	-1.63%	1.75%	-0.91%	-0.79%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	73.2	163.1	209.2	210.1	1.06%	2.37%	3.04%	3.05%	1.31%	0.67%	0.01%	1.99%
	AgInf Total		**73.2**	**163.1**	**209.2**	**210.1**	**1.06%**	**2.37%**	**3.04%**	**3.05%**	1.31%	0.67%	0.01%	1.99%
	Ch	Ch	1,694.8	1,542.6	1,343.3	1,397.8	24.64%	22.42%	19.53%	20.32%	-2.21%	-2.90%	0.79%	-4.32%
	Ch Total		**1,694.8**	**1,542.6**	**1,343.3**	**1,397.8**	**24.64%**	**22.42%**	**19.53%**	**20.32%**	-2.21%	-2.90%	0.79%	-4.32%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	5.1	18.6	24.2	24.2	0.07%	0.27%	0.35%	0.35%	0.20%	0.08%	0.00%	0.28%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	157.8	184.8	192.1	0.00%	2.29%	2.69%	2.79%	2.29%	0.39%	0.11%	2.79%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**5.1**	**176.4**	**208.9**	**216.3**	**0.07%**	**2.56%**	**3.04%**	**3.14%**	2.49%	0.47%	0.11%	3.07%
	Trans	Int	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		PubRd	44.1	47.2	47.5	47.5	0.64%	0.69%	0.69%	0.69%	0.05%	0.00%	0.00%	0.05%
		RR	9.4	9.4	9.4	9.4	0.14%	0.14%	0.14%	0.14%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**53.4**	**56.6**	**56.8**	**56.8**	**0.78%**	**0.82%**	**0.83%**	**0.83%**	0.05%	0.00%	0.00%	0.05%
D13 Total			**6,878.8**	**6,878.8**	**6,878.8**	**6,878.8**								

			Acres				% of Reach Area				Change Between Years			
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-11	1950-2011
D14	AgLnd	Irr	3,832.7	4,691.9	4,965.6	4,993.6	35.77%	43.79%	46.34%	46.60%	8.02%	2.55%	0.26%	10.83%
		NoIrr	4,569.7	3,488.5	3,179.0	3,085.1	42.65%	32.56%	29.67%	28.79%	-10.09%	-2.89%	-0.88%	-13.86%
	AgLnd Total		**8,402.4**	**8,180.4**	**8,144.7**	**8,078.6**	**78.41%**	**76.34%**	**76.01%**	**75.39%**	-2.07%	-0.33%	-0.62%	-3.02%
	AgInf	Canal	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	49.0	98.1	143.1	153.3	0.46%	0.92%	1.34%	1.43%	0.46%	0.42%	0.10%	0.97%
	AgInf Total		**49.0**	**98.1**	**143.1**	**153.3**	**0.46%**	**0.92%**	**1.34%**	**1.43%**	0.46%	0.42%	0.10%	0.97%
	Ch	Ch	2,199.0	2,352.7	2,196.5	2,248.8	20.52%	21.96%	20.50%	20.99%	1.43%	-1.46%	0.49%	0.47%
	Ch Total		**2,199.0**	**2,352.7**	**2,196.5**	**2,248.8**	**20.52%**	**21.96%**	**20.50%**	**20.99%**	1.43%	-1.46%	0.49%	0.47%
	Urban	UrRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**	0.00%	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExCom	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0	14.9	135.3	138.7	0.00%	0.14%	1.26%	1.29%	0.14%	1.12%	0.03%	1.29%
		ExUnd	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0	0.0	22.6	22.6	0.00%	0.00%	0.21%	0.21%	0.00%	0.21%	0.00%	0.21%
	ExUrb Total		**0.0**	**14.9**	**158.0**	**161.4**	**0.00%**	**0.14%**	**1.47%**	**1.51%**	0.14%	1.34%	0.03%	1.51%
	Trans	Int	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		PubRd	62.1	66.4	70.3	70.3	0.58%	0.62%	0.66%	0.66%	0.04%	0.04%	0.00%	0.08%
		RR	2.9	2.9	2.9	2.9	0.03%	0.03%	0.03%	0.03%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**65.0**	**69.3**	**73.2**	**73.2**	**0.61%**	**0.65%**	**0.68%**	**0.68%**	0.04%	0.04%	0.00%	0.08%
D14 Total			**10,715.4**	**10,715.4**	**10,715.4**	**10,715.4**								

			Acres				% of Reach Area				Change Between Years		
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-01	2001-11	1950-2011
D15	AgLnd	Irr	3,955.0		6,172.8	6,172.8	43.95%	No Imagery	68.59%	68.59%	24.64%	0.00%	24.64%
		NoIrr	2,260.4		1,319.6	1,312.6	25.12%	No Imagery	14.66%	14.59%	-10.45%	-0.08%	-10.53%
	AgLnd Total		**6,215.4**		**7,492.3**	**7,485.3**	**69.07%**		**83.26%**	**83.18%**	14.19%	-0.08%	14.11%
	AgInf	Canal	0.0		0.0	0.0	0.00%	No Imagery	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0		0.0	0.0	0.00%	No Imagery	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	86.2		188.0	192.8	0.96%	No Imagery	2.09%	2.14%	1.13%	0.05%	1.18%
	AgInf Total		**86.2**		**188.0**	**192.8**	**0.96%**		**2.09%**	**2.14%**	1.13%	0.05%	1.18%
	Ch	Ch	1,129.6		1,212.2	1,214.4	12.55%	No Imagery	13.47%	13.50%	0.92%	0.02%	0.94%
	Ch Total		**1,129.6**		**1,212.2**	**1,214.4**	**12.55%**		**13.47%**	**13.50%**	0.92%	0.02%	0.94%
	Urban	UrRes	0.0		0.0	0.0	0.00%	No Imagery	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0		0.0	0.0	0.00%	No Imagery	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0		0.0	0.0	0.00%	No Imagery	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0		0.0	0.0	0.00%	No Imagery	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0		0.0	0.0	0.00%	No Imagery	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**		**0.0**	**0.0**	**0.00%**		**0.00%**	**0.00%**	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0		0.0	0.0	0.00%	No Imagery	0.00%	0.00%	0.00%	0.00%	0.00%
		ExCom	0.0		0.0	0.0	0.00%	No Imagery	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0		7.1	7.1	0.00%	No Imagery	0.08%	0.08%	0.08%	0.00%	0.08%
		ExUnd	0.0		0.0	0.0	0.00%	No Imagery	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0		28.6	28.6	0.00%	No Imagery	0.32%	0.32%	0.32%	0.00%	0.32%
	ExUrb Total		**0.0**		**35.8**	**35.8**	**0.00%**		**0.40%**	**0.40%**	0.40%	0.00%	0.40%
	Trans	Int	0.0		0.0	0.0	0.00%	No Imagery	0.00%	0.00%	0.00%	0.00%	0.00%
		PubRd	79.3		70.6	70.6	0.88%	No Imagery	0.78%	0.78%	-0.10%	0.00%	-0.10%
		RR	0.0		0.0	0.0	0.00%	No Imagery	0.00%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**79.3**		**70.6**	**70.6**	**0.88%**		**0.78%**	**0.78%**	-0.10%	0.00%	-0.10%
D15 Total			**8,998.9**	**8,998.9**	**8,998.9**	**8,998.9**							

			Acres				% of Reach Area				Change Between Years		
Reach	Tier 2	Tier 3	1950	1976	2001	2011	1950	1976	2001	2011	1950-01	2001-11	1950-2011
D16	AgLnd	Irr	4,631.0		8,513.0	8,492.4	28.81%	No Imagery	52.96%	52.83%	24.15%	-0.13%	24.02%
		NoIrr	5,841.2		5,977.5	5,869.7	36.34%	No Imagery	37.19%	36.52%	0.85%	-0.67%	0.18%
	AgLnd Total		**10,472.2**		**14,490.5**	**14,362.1**	**65.15%**		**90.15%**	**89.35%**	25.00%	-0.80%	24.20%
	AgInf	Canal	0.0		0.0	0.0	0.00%	No Imagery	0.00%	0.00%	0.00%	0.00%	0.00%
		AgRds	0.0		0.0	0.0	0.00%	No Imagery	0.00%	0.00%	0.00%	0.00%	0.00%
		OthIn	87.1		228.9	270.2	0.54%	No Imagery	1.42%	1.68%	0.88%	0.26%	1.14%
	AgInf Total		**87.1**		**228.9**	**270.2**	**0.54%**		**1.42%**	**1.68%**	0.88%	0.26%	1.14%
	Ch	Ch	1,547.3		1,333.7	1,360.7	9.63%	No Imagery	8.30%	8.47%	-1.33%	0.17%	-1.16%
	Ch Total		**1,547.3**		**1,333.7**	**1,360.7**	**9.63%**		**8.30%**	**8.47%**	-1.33%	0.17%	-1.16%
	Urban	UrRes	0.0		0.0	0.0	0.00%	No Imagery	0.00%	0.00%	0.00%	0.00%	0.00%
		UrCom	0.0		0.0	0.0	0.00%	No Imagery	0.00%	0.00%	0.00%	0.00%	0.00%
		UrInd	0.0		0.0	0.0	0.00%	No Imagery	0.00%	0.00%	0.00%	0.00%	0.00%
		UrUnd	0.0		0.0	0.0	0.00%	No Imagery	0.00%	0.00%	0.00%	0.00%	0.00%
		UrOth	0.0		0.0	0.0	0.00%	No Imagery	0.00%	0.00%	0.00%	0.00%	0.00%
	Urban Total		**0.0**		**0.0**	**0.0**	**0.00%**		**0.00%**	**0.00%**	0.00%	0.00%	0.00%
	ExUrb	ExRes	0.0		0.0	0.0	0.00%	No Imagery	0.00%	0.00%	0.00%	0.00%	0.00%
		ExCom	0.0		0.0	0.0	0.00%	No Imagery	0.00%	0.00%	0.00%	0.00%	0.00%
		ExInd	0.0		3.7	63.7	0.00%	No Imagery	0.02%	0.40%	0.02%	0.37%	0.40%
		ExUnd	0.0		0.0	0.0	0.00%	No Imagery	0.00%	0.00%	0.00%	0.00%	0.00%
		ExOth	0.0		0.0	0.0	0.00%	No Imagery	0.00%	0.00%	0.00%	0.00%	0.00%
	ExUrb Total		**0.0**		**3.7**	**63.7**	**0.00%**		**0.02%**	**0.40%**	0.02%	0.37%	0.40%
	Trans	Int	0.0		0.0	0.0	0.00%	No Imagery	0.00%	0.00%	0.00%	0.00%	0.00%
		PubRd	0.0		17.9	17.9	0.00%	No Imagery	0.11%	0.11%	0.11%	0.00%	0.11%
		RR	0.0		0.0	0.0	0.00%	No Imagery	0.00%	0.00%	0.00%	0.00%	0.00%
	Trans Total		**0.0**		**17.9**	**17.9**	**0.00%**		**0.11%**	**0.11%**	0.11%	0.00%	0.11%
D16 Total			**16,074.6**	**16,074.6**	**16,074.6**	**16,074.6**							

7 Appendix C: Land Use By Reach – Agricultural Lands (Tier 4)

Appendix C shows reach-based summaries of Agricultural Lands (AgLnd) for Tiers 3 and 4. Tier 4 is only used for the mapped Tier 2 Agricultural Lands, breaking down Irrigated and Non-Irrigated Tier 3 lands into finer detail.

The totals at the bottom of each reach section (e.g. PC3 Total) represent the total area of mapped Tier 2 Agricultural Land in the reach. Only those areas that were mapped in each of the four years were used for analysis. The exception for this rule is in Reaches D15 and D16 which are in McKenzie County, North Dakota, where there is no 1976 photographic coverage. As such, the "Change between Years" is shown for 1950 to 2001 instead of 1950 to 1976 and 1976 to 2001.

The "% of Agricultural Area" calculations represent the percent of the mapped Tier 2 Agricultural Land for each Tier 4 land use category. The "Change Between Years" is simply the difference between the "% of Agricultural Area" for each pair of mapping data.

Note that Tier 4 attributes are likely most accurate for the 2011 data where the quality of imagery (2011 NAIP) and supporting Department of Revenue mapping allowed for the most consistent attributing of Irrigated and Non-Irrigated sub-types. Moving back to earlier imagery, the ability to distinguish between sub-types becomes more difficult. Changes in the timing of the photography, both in timing of the cropping activity and seasonal differences, compounds the difficulties in assigning attributes.

Tier 1 (LU1)	Tier 2 (LU2)	Tier 3 (LU3)	Tier 4 (LU4)
Agricultural (AG)	**Agricultural Land (AgLnd)** (Areas that show defined field boundaries, usually due to tilling, cropping, or other practices.)	**Irrigated (Irr)** (Determined by visual clues and associated data sets)	**Pivot (P)**
			Sprinkler (S)
			Flood (F)
		Non-Irrigated (NoIrr) (Determined by visual clues and associated data sets)	**Hayland/Pasture (HayPas)**
			Tilled Field (Till)
			Multiple Use (Multi)
	Ag Infrastrucure (AgInf)	**Canal (Can)** (Clearly-defined irrigation canals. Minor distribution ditches are not included)	
		Roads (AgRds) (interpreted as non-public)	
		Other (OthIn) (Feed Lot, Storage Bins, Corrals, Equipment Lots, etc.)	

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
PC1	Irr	Flood	42.4	35.1	0.0	0.0	2.57%	2.39%	0.00%	0.00%	-0.18%	-2.39%	0.00%	-2.57%
		Pivot	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		Sprinkler	0.0	0.0	36.0	36.0	0.00%	0.00%	2.57%	2.57%	0.00%	2.57%	0.00%	2.57%
	Irr Total		**42.4**	**35.1**	**36.0**	**36.0**	2.57%	2.39%	2.57%	2.57%	-0.18%	0.18%	0.00%	0.00%
	NoIrr	Hay/Pasture	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		Multi-Use	1,605.4	1,432.8	1,361.7	1,363.5	97.43%	97.61%	97.43%	97.43%	0.18%	-0.18%	0.00%	0.00%
	NoIrr Total		**1,605.4**	**1,432.8**	**1,361.7**	**1,363.5**	97.43%	97.61%	97.43%	97.43%	0.18%	-0.18%	0.00%	0.00%
PC1 Total			**1,647.8**	**1,467.9**	**1,397.6**	**1,399.5**								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
PC2	Irr	Flood	250.9	223.0	31.1	0.0	21.65%	20.18%	3.06%	0.00%	-1.46%	-17.12%	-3.06%	-21.65%
		Pivot	0.0	0.0	0.0	61.6	0.00%	0.00%	0.00%	6.00%	0.00%	0.00%	6.00%	6.00%
		Sprinkler	0.0	0.0	125.3	132.7	0.00%	0.00%	12.34%	12.92%	0.00%	12.34%	0.58%	12.92%
	Irr Total		**250.9**	**223.0**	**156.4**	**194.2**	21.65%	20.18%	15.40%	18.92%	-1.46%	-4.78%	3.51%	-2.73%
	NoIrr	Hay/Pasture	40.7	88.7	45.9	23.0	3.51%	8.02%	4.52%	2.24%	4.51%	-3.51%	-2.28%	-1.27%
		Multi-Use	867.4	793.3	812.9	809.6	74.84%	71.79%	80.08%	78.84%	-3.05%	8.28%	-1.24%	4.00%
	NoIrr Total		**908.1**	**882.0**	**858.7**	**832.6**	78.35%	79.82%	84.60%	81.08%	1.46%	4.78%	-3.51%	2.73%
PC2 Total			**1,158.9**	**1,105.0**	**1,015.1**	**1,026.8**								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
PC3	Irr	Flood	635.1	534.6	272.0	183.7	15.61%	13.66%	7.40%	4.99%	-1.96%	-6.26%	-2.41%	-10.63%
		Pivot	0.0	0.0	0.0	32.3	0.00%	0.00%	0.00%	0.88%	0.00%	0.00%	0.88%	0.88%
		Sprinkler	0.0	0.0	92.4	188.1	0.00%	0.00%	2.51%	5.11%	0.00%	2.51%	2.59%	5.11%
	Irr Total		**635.1**	**534.6**	**364.4**	**404.1**	15.61%	13.66%	9.91%	10.97%	-1.96%	-3.75%	1.06%	-4.65%
	NoIrr	Hay/Pasture	33.4	80.7	199.9	163.9	0.82%	2.06%	5.44%	4.45%	1.24%	3.37%	-0.99%	3.63%
		Multi-Use	3,399.6	3,298.8	3,113.4	3,116.3	83.57%	84.28%	84.66%	84.58%	0.71%	0.38%	-0.07%	1.02%
	NoIrr Total		**3,432.9**	**3,379.6**	**3,313.3**	**3,280.2**	84.39%	86.34%	90.09%	89.03%	1.96%	3.75%	-1.06%	4.65%
PC3 Total			**4,068.0**	**3,914.2**	**3,677.7**	**3,684.3**								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
PC4	Irr	Flood	62.7	166.8	0.0	8.6	4.26%	11.42%	0.00%	0.60%	7.16%	-11.42%	0.60%	-3.67%
		Pivot	0.0	0.0	23.7	96.7	0.00%	0.00%	1.63%	6.70%	0.00%	1.63%	5.07%	6.70%
		Sprinkler	0.0	0.0	39.3	84.6	0.00%	0.00%	2.70%	5.86%	0.00%	2.70%	3.16%	5.86%
	Irr Total		**62.7**	**166.8**	**63.0**	**189.9**	4.26%	11.42%	4.33%	13.16%	7.16%	-7.09%	8.83%	8.90%
	NoIrr	Hay/Pasture	67.7	6.8	37.4	17.1	4.60%	0.47%	2.57%	1.19%	-4.14%	2.11%	-1.38%	-3.42%
		Multi-Use	1,340.6	1,286.8	1,354.3	1,235.7	91.13%	88.11%	93.09%	85.65%	-3.02%	4.99%	-7.44%	-5.48%
	NoIrr Total		**1,408.3**	**1,293.6**	**1,391.7**	**1,252.8**	95.74%	88.58%	95.67%	86.84%	-7.16%	7.09%	-8.83%	-8.90%
PC4 Total			**1,471.0**	**1,460.5**	**1,454.7**	**1,442.7**								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
PC5	Irr	Flood	188.3	100.2	13.8	38.7	18.93%	10.07%	1.56%	4.34%	-8.86%	-8.51%	2.77%	-14.59%
		Pivot	0.0	0.0	0.0	222.4	0.00%	0.00%	0.00%	24.91%	0.00%	0.00%	24.91%	24.91%
		Sprinkler	0.0	0.0	88.2	74.2	0.00%	0.00%	9.99%	8.31%	0.00%	9.99%	-1.68%	8.31%
	Irr Total		**188.3**	**100.2**	**102.0**	**335.3**	18.93%	10.07%	11.56%	37.56%	-8.86%	1.49%	26.00%	18.63%
	NoIrr	Hay/Pasture	39.1	88.5	384.3	191.5	3.93%	8.90%	43.54%	21.45%	4.97%	34.64%	-22.09%	17.52%
		Multi-Use	767.2	806.1	396.3	366.0	77.14%	81.03%	44.90%	41.00%	3.89%	-36.13%	-3.91%	-36.14%
	NoIrr Total		**806.3**	**894.6**	**780.6**	**557.5**	81.07%	89.93%	88.44%	62.44%	8.86%	-1.49%	-26.00%	-18.63%
PC5 Total			**994.5**	**994.8**	**882.7**	**892.7**								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
PC6	Irr	Flood	409.1	430.2	63.3	177.9	32.00%	34.97%	5.72%	23.10%	2.96%	-29.25%	17.39%	-8.90%
		Pivot	0.0	0.0	48.8	84.5	0.00%	0.00%	4.41%	10.98%	0.00%	4.41%	6.57%	10.98%
		Sprinkler	0.0	0.0	92.5	92.5	0.00%	0.00%	8.36%	12.02%	0.00%	8.36%	3.66%	12.02%
	Irr Total		**409.1**	**430.2**	**204.7**	**355.0**	32.00%	34.97%	18.48%	46.10%	2.96%	-16.48%	27.61%	14.09%
	NoIrr	Hay/Pasture	19.9	39.5	331.6	143.0	1.56%	3.21%	29.95%	18.57%	1.65%	26.74%	-11.38%	17.02%
		Multi-Use	849.4	760.7	570.9	272.1	66.44%	61.83%	51.57%	35.33%	-4.62%	-10.26%	-16.24%	-31.11%
	NoIrr Total		**869.3**	**800.1**	**902.6**	**415.1**	68.00%	65.03%	81.52%	53.90%	-2.96%	16.48%	-27.61%	-14.09%
PC6 Total			**1,278.4**	**1,230.4**	**1,107.2**	**770.1**								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
PC7	Irr	Flood	414.7	315.4	214.4	170.0	21.80%	18.07%	13.86%	11.27%	-3.74%	-4.21%	-2.60%	-10.54%
		Pivot	0.0	0.0	0.0	16.9	0.00%	0.00%	0.00%	1.12%	0.00%	0.00%	1.12%	1.12%
		Sprinkler	0.0	0.0	50.4	50.5	0.00%	0.00%	3.26%	3.35%	0.00%	3.26%	0.09%	3.35%
	Irr Total		**414.7**	**315.4**	**264.9**	**237.3**	21.80%	18.07%	17.12%	15.73%	-3.74%	-0.95%	-1.39%	-6.07%
	NoIrr	Hay/Pasture	559.0	57.3	166.5	183.7	29.39%	3.28%	10.76%	12.18%	-26.11%	7.48%	1.41%	-17.22%
		Multi-Use	928.2	1,372.9	1,115.8	1,087.7	48.80%	78.65%	72.12%	72.09%	29.85%	-6.53%	-0.02%	23.29%
	NoIrr Total		**1,487.3**	**1,430.2**	**1,282.3**	**1,271.4**	78.20%	81.93%	82.88%	84.27%	3.74%	0.95%	1.39%	6.07%
PC7 Total			**1,902.0**	**1,745.6**	**1,547.1**	**1,508.7**								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
PC8	Irr	Flood	1,368.9	977.9	566.0	221.1	31.58%	23.90%	16.54%	7.79%	-7.68%	-7.36%	-8.75%	-23.79%
		Pivot	0.0	0.0	759.9	1,014.3	0.00%	0.00%	22.21%	35.74%	0.00%	22.21%	13.53%	35.74%
		Sprinkler	0.0	0.0	110.1	171.1	0.00%	0.00%	3.22%	6.03%	0.00%	3.22%	2.81%	6.03%
	Irr Total		**1,368.9**	**977.9**	**1,436.0**	**1,406.5**	31.58%	23.90%	41.97%	49.56%	-7.68%	18.08%	7.58%	17.98%
	NoIrr	Hay/Pasture	102.8	488.1	322.1	70.2	2.37%	11.93%	9.42%	2.47%	9.56%	-2.51%	-6.94%	0.10%
		Multi-Use	2,863.0	2,625.7	1,663.1	1,361.4	66.05%	64.17%	48.61%	47.97%	-1.88%	-15.56%	-0.64%	-18.08%
	NoIrr Total		**2,965.8**	**3,113.8**	**1,985.2**	**1,431.6**	68.42%	76.10%	58.03%	50.44%	7.68%	-18.08%	-7.58%	-17.98%
PC8 Total			**4,334.7**	**4,091.6**	**3,421.3**	**2,838.2**								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
PC9	Irr	Flood	198.1	296.2	117.3	26.9	26.19%	41.23%	18.72%	4.37%	15.05%	-22.51%	-14.35%	-21.82%
		Pivot	0.0	0.0	30.2	93.3	0.00%	0.00%	4.82%	15.16%	0.00%	4.82%	10.34%	15.16%
		Sprinkler	0.0	0.0	210.6	142.4	0.00%	0.00%	33.61%	23.14%	0.00%	33.61%	-10.48%	23.14%
	Irr Total		**198.1**	**296.2**	**358.1**	**262.5**	26.19%	41.23%	57.15%	42.66%	15.05%	15.92%	-14.49%	16.47%
	NoIrr	Hay/Pasture	1.2	18.6	62.7	207.8	0.15%	2.59%	10.01%	33.77%	2.43%	7.42%	23.76%	33.62%
		Multi-Use	557.3	403.5	205.7	145.0	73.66%	56.18%	32.84%	23.57%	-17.48%	-23.34%	-9.27%	-50.09%
	NoIrr Total		**558.4**	**422.1**	**268.5**	**352.9**	73.81%	58.77%	42.85%	57.34%	-15.05%	-15.92%	14.49%	-16.47%
PC9 Total			**756.6**	**718.2**	**626.6**	**615.4**								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
PC10	Irr	Flood	512.4	324.6	97.5	17.1	38.53%	25.18%	8.99%	1.62%	-13.35%	-16.20%	-7.37%	-36.91%
		Pivot	0.0	100.2	36.5	56.1	0.00%	7.78%	3.37%	5.29%	7.78%	-4.41%	1.92%	5.29%
		Sprinkler	0.0	0.0	55.8	135.9	0.00%	0.00%	5.15%	12.81%	0.00%	5.15%	7.66%	12.81%
	Irr Total		**512.4**	**424.8**	**189.8**	**209.2**	38.53%	32.96%	17.50%	19.71%	-5.57%	-15.46%	2.21%	-18.82%
	NoIrr	Hay/Pasture	111.9	97.1	282.0	331.0	8.41%	7.54%	25.99%	31.20%	-0.88%	18.45%	5.21%	22.78%
		Multi-Use	705.6	766.8	613.0	520.9	53.06%	59.50%	56.51%	49.09%	6.45%	-2.99%	-7.42%	-3.97%
	NoIrr Total		**817.5**	**864.0**	**894.9**	**851.9**	61.47%	67.04%	82.50%	80.29%	5.57%	15.46%	-2.21%	18.82%
PC10 Total			**1,329.9**	**1,288.8**	**1,084.8**	**1,061.1**								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
PC11	Irr	Flood	501.0	446.8	278.1	138.5	47.40%	48.61%	32.20%	14.83%	1.22%	-16.41%	-17.37%	-32.56%
		Pivot	0.0	0.0	24.9	79.5	0.00%	0.00%	2.88%	8.52%	0.00%	2.88%	5.64%	8.52%
		Sprinkler	0.0	0.0	89.0	102.2	0.00%	0.00%	10.30%	10.94%	0.00%	10.30%	0.64%	10.94%
	Irr Total		**501.0**	**446.8**	**391.9**	**320.2**	47.40%	48.61%	45.39%	34.30%	1.22%	-3.23%	-11.09%	-13.10%
	NoIrr	Hay/Pasture	158.7	76.2	51.2	44.7	15.02%	8.29%	5.92%	4.79%	-6.73%	-2.37%	-1.13%	-10.23%
		Multi-Use	397.2	396.1	420.4	568.6	37.58%	43.09%	48.69%	60.91%	5.51%	5.59%	12.22%	23.33%
	NoIrr Total		**556.0**	**472.3**	**471.6**	**613.4**	52.60%	51.39%	54.61%	65.70%	-1.22%	3.23%	11.09%	13.10%
PC11 Total			**1,057.0**	**919.2**	**863.5**	**933.5**								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
PC12	Irr	Flood	343.0	333.8	172.3	89.4	41.58%	41.97%	22.81%	11.93%	0.40%	-19.17%	-10.88%	-29.65%
		Pivot	0.0	0.0	0.0	16.1	0.00%	0.00%	0.00%	2.15%	0.00%	0.00%	2.15%	2.15%
		Sprinkler	0.0	0.0	112.3	201.3	0.00%	0.00%	14.87%	26.87%	0.00%	14.87%	12.00%	26.87%
	Irr Total		**343.0**	**333.8**	**284.6**	**306.8**	41.58%	41.97%	37.67%	40.94%	0.40%	-4.30%	3.27%	-0.64%
	NoIrr	Hay/Pasture	64.9	45.5	27.7	4.1	7.87%	5.72%	3.67%	0.54%	-2.15%	-2.05%	-3.13%	-7.32%
		Multi-Use	417.1	415.9	443.0	438.4	50.55%	52.31%	58.65%	58.51%	1.75%	6.35%	-0.14%	7.96%
	NoIrr Total		**482.0**	**461.4**	**470.8**	**442.5**	58.42%	58.03%	62.33%	59.06%	-0.40%	4.30%	-3.27%	0.64%
PC12 Total			**825.0**	**795.2**	**755.4**	**749.2**								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
PC13	Irr	Flood	35.9	0.0	11.3	4.2	12.32%	0.00%	5.24%	1.99%	-12.32%	5.24%	-3.25%	-10.33%
		Pivot	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**35.9**	**0.0**	**11.3**	**4.2**	12.32%	0.00%	5.24%	1.99%	-12.32%	5.24%	-3.25%	-10.33%
	NoIrr	Hay/Pasture	42.1	25.2	13.1	19.3	14.43%	11.18%	6.05%	9.09%	-3.25%	-5.13%	3.04%	-5.34%
		Multi-Use	213.6	200.2	192.1	188.8	73.25%	88.82%	88.72%	88.92%	15.57%	-0.11%	0.21%	15.67%
	NoIrr Total		**255.7**	**225.4**	**205.2**	**208.1**	87.68%	100.00%	94.76%	98.01%	12.32%	-5.24%	3.25%	10.33%
PC13 Total			**291.6**	**225.4**	**216.5**	**212.4**								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
PC14	Irr	Flood	149.7	26.5	0.8	0.8	18.45%	5.09%	0.18%	0.18%	-13.36%	-4.91%	0.00%	-18.26%
		Pivot	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		Sprinkler	0.0	0.0	32.9	32.9	0.00%	0.00%	7.32%	7.41%	0.00%	7.32%	0.08%	7.41%
	Irr Total		**149.7**	**26.5**	**33.7**	**33.7**	18.45%	5.09%	7.51%	7.59%	-13.36%	2.42%	0.08%	-10.86%
	NoIrr	Hay/Pasture	154.4	87.4	0.0	0.0	19.03%	16.80%	0.00%	0.00%	-2.23%	-16.80%	0.00%	-19.03%
		Multi-Use	507.1	406.4	415.3	410.3	62.52%	78.11%	92.49%	92.41%	15.59%	14.39%	-0.08%	29.89%
	NoIrr Total		**661.5**	**493.9**	**415.3**	**410.3**	81.55%	94.91%	92.49%	92.41%	13.36%	-2.42%	-0.08%	10.86%
PC14 Total			**811.2**	**520.4**	**449.0**	**444.1**								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
PC15	Irr	Flood	13.5	18.1	0.0	0.0	2.61%	4.21%	0.00%	0.00%	1.60%	-4.21%	0.00%	-2.61%
		Pivot	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		Sprinkler	0.0	0.0	18.1	18.1	0.00%	0.00%	5.53%	4.92%	0.00%	5.53%	-0.61%	4.92%
	Irr Total		**13.5**	**18.1**	**18.1**	**18.1**	2.61%	4.21%	5.53%	4.92%	1.60%	1.32%	-0.61%	2.31%
	NoIrr	Hay/Pasture	177.1	96.7	63.2	68.8	34.22%	22.44%	19.28%	18.66%	-11.78%	-3.16%	-0.62%	-15.56%
		Multi-Use	326.9	316.0	246.4	281.6	63.17%	73.35%	75.19%	76.42%	10.18%	1.84%	1.23%	13.25%
	NoIrr Total		**504.0**	**412.6**	**309.6**	**350.4**	97.39%	95.79%	94.47%	95.08%	-1.60%	-1.32%	0.61%	-2.31%
PC15 Total			517.5	430.8	327.7	368.5								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
PC16	Irr	Flood	662.0	801.6	313.5	69.8	33.76%	45.60%	20.46%	4.56%	11.84%	-25.13%	-15.90%	-29.19%
		Pivot	0.0	0.0	244.1	245.7	0.00%	0.00%	15.93%	16.06%	0.00%	15.93%	0.13%	16.06%
		Sprinkler	0.0	0.0	150.8	172.9	0.00%	0.00%	9.84%	11.30%	0.00%	9.84%	1.46%	11.30%
	Irr Total		**662.0**	**801.6**	**708.4**	**488.4**	33.76%	45.60%	46.24%	31.92%	11.84%	0.64%	-14.32%	-1.84%
	NoIrr	Hay/Pasture	179.9	76.7	273.7	448.9	9.17%	4.36%	17.87%	29.34%	-4.81%	13.50%	11.48%	20.17%
		Multi-Use	1,119.3	879.8	550.0	592.7	57.07%	50.04%	35.90%	38.74%	-7.03%	-14.14%	2.84%	-18.33%
	NoIrr Total		**1,299.2**	**956.5**	**823.7**	**1,041.7**	66.24%	54.40%	53.76%	68.08%	-11.84%	-0.64%	14.32%	1.84%
PC16 Total			1,961.2	1,758.1	1,532.0	1,530.1								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
PC17	Irr	Flood	383.7	255.0	214.8	18.3	45.35%	32.88%	28.72%	2.48%	-12.47%	-4.16%	-26.23%	-42.87%
		Pivot	0.0	0.0	0.0	46.7	0.00%	0.00%	0.00%	6.34%	0.00%	0.00%	6.34%	6.34%
		Sprinkler	0.0	0.0	40.0	60.4	0.00%	0.00%	5.35%	8.21%	0.00%	5.35%	2.85%	8.21%
	Irr Total		**383.7**	**255.0**	**254.8**	**125.4**	45.35%	32.88%	34.07%	17.03%	-12.47%	1.19%	-17.04%	-28.32%
	NoIrr	Hay/Pasture	21.4	75.0	30.0	132.9	2.53%	9.67%	4.01%	18.06%	7.15%	-5.66%	14.05%	15.53%
		Multi-Use	440.9	445.6	463.1	477.8	52.12%	57.45%	61.92%	64.91%	5.33%	4.47%	2.99%	12.79%
	NoIrr Total		**462.3**	**520.6**	**493.0**	**610.7**	54.65%	67.12%	65.93%	82.97%	12.47%	-1.19%	17.04%	28.32%
PC17 Total			845.9	775.6	747.8	736.1								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
PC18	Irr	Flood	1,364.7	1,350.6	758.5	302.5	44.13%	44.82%	27.14%	11.09%	0.69%	-17.68%	-16.05%	-33.04%
		Pivot	0.0	0.0	274.7	412.2	0.00%	0.00%	9.83%	15.11%	0.00%	9.83%	5.28%	15.11%
		Sprinkler	0.0	0.0	90.8	128.4	0.00%	0.00%	3.25%	4.71%	0.00%	3.25%	1.46%	4.71%
	Irr Total		**1,364.7**	**1,350.6**	**1,124.0**	**843.1**	44.13%	44.82%	40.21%	30.91%	0.69%	-4.60%	-9.31%	-13.22%
	NoIrr	Hay/Pasture	241.2	264.1	211.9	474.5	7.80%	8.76%	7.58%	17.39%	0.96%	-1.18%	9.81%	9.59%
		Multi-Use	1,486.8	1,398.9	1,459.2	1,410.4	48.07%	46.42%	52.21%	51.70%	-1.66%	5.79%	-0.51%	3.63%
	NoIrr Total		**1,728.0**	**1,662.9**	**1,671.1**	**1,885.0**	55.87%	55.18%	59.79%	69.09%	-0.69%	4.60%	9.31%	13.22%
PC18 Total			3,092.7	3,013.6	2,795.2	2,728.1								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
PC19	Irr	Flood	685.8	612.6	383.3	211.3	45.05%	40.91%	26.38%	14.57%	-4.14%	-14.53%	-11.81%	-30.48%
		Pivot	0.0	0.0	26.4	240.9	0.00%	0.00%	1.81%	16.61%	0.00%	1.81%	14.80%	16.61%
		Sprinkler	0.0	0.0	201.4	201.4	0.00%	0.00%	13.86%	13.89%	0.00%	13.86%	0.03%	13.89%
	Irr Total		**685.8**	**612.6**	**611.1**	**653.7**	45.05%	40.91%	42.05%	45.07%	-4.14%	1.15%	3.02%	0.03%
	NoIrr	Hay/Pasture	173.3	143.1	109.5	69.7	11.38%	9.55%	7.53%	4.81%	-1.83%	-2.02%	-2.73%	-6.58%
		Multi-Use	663.3	741.9	732.5	726.9	43.57%	49.54%	50.41%	50.12%	5.97%	0.87%	-0.29%	6.55%
	NoIrr Total		**836.6**	**885.0**	**842.0**	**796.6**	54.95%	59.09%	57.95%	54.93%	4.14%	-1.15%	-3.02%	-0.03%
PC19 Total			1,522.4	1,497.6	1,453.1	1,450.2								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
PC20	Irr	Flood	133.5	117.2	9.2	9.2	6.16%	5.57%	0.46%	0.46%	-0.59%	-5.11%	0.01%	-5.70%
		Pivot	0.0	0.0	105.2	114.9	0.00%	0.00%	5.23%	5.78%	0.00%	5.23%	0.56%	5.78%
		Sprinkler	0.0	0.0	79.1	79.1	0.00%	0.00%	3.93%	3.98%	0.00%	3.93%	0.05%	3.98%
	Irr Total		**133.5**	**117.2**	**193.4**	**203.2**	6.16%	5.57%	9.61%	10.22%	-0.59%	4.04%	0.61%	4.06%
	NoIrr	Hay/Pasture	34.4	52.7	30.9	18.3	1.59%	2.50%	1.54%	0.92%	0.92%	-0.97%	-0.62%	-0.67%
		Multi-Use	1,997.9	1,933.9	1,787.6	1,765.9	92.25%	91.93%	88.85%	88.85%	-0.32%	-3.08%	0.01%	-3.39%
	NoIrr Total		**2,032.2**	**1,986.6**	**1,818.5**	**1,784.2**	93.84%	94.43%	90.39%	89.78%	0.59%	-4.04%	-0.61%	-4.06%
PC20 Total			2,165.7	2,103.8	2,011.9	1,987.4								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
PC21	Irr	Flood	148.2	109.2	57.7	69.8	16.13%	12.31%	6.83%	8.38%	-3.83%	-5.48%	1.56%	-7.75%
		Pivot	0.0	154.9	223.8	256.5	0.00%	17.46%	26.46%	30.83%	17.46%	9.00%	4.37%	30.83%
		Sprinkler	0.0	0.0	9.3	9.3	0.00%	0.00%	1.10%	1.12%	0.00%	1.10%	0.02%	1.12%
	Irr Total		**148.2**	**264.1**	**290.8**	**335.6**	16.13%	29.77%	34.39%	40.33%	13.63%	4.62%	5.94%	24.20%
	NoIrr	Hay/Pasture	230.3	105.3	49.3	19.7	25.08%	11.87%	5.83%	2.37%	-13.20%	-6.05%	-3.46%	-22.71%
		Multi-Use	539.8	517.7	505.6	476.8	58.79%	58.36%	59.78%	57.30%	-0.43%	1.43%	-2.48%	-1.49%
	NoIrr Total		**770.1**	**623.0**	**554.8**	**496.5**	83.87%	70.23%	65.61%	59.67%	-13.63%	-4.62%	-5.94%	-24.20%
PC21 Total			918.3	887.1	845.6	832.0								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
A1	Irr	Flood	803.4	766.3	153.2	122.6	40.32%	38.84%	8.27%	6.85%	-1.48%	-30.57%	-1.42%	-33.47%
		Pivot	0.0	0.0	286.8	301.6	0.00%	0.00%	15.49%	16.85%	0.00%	15.49%	1.36%	16.85%
		Sprinkler	0.0	0.0	259.8	254.2	0.00%	0.00%	14.03%	14.20%	0.00%	14.03%	0.17%	14.20%
	Irr Total		**803.4**	**766.3**	**699.8**	**678.3**	40.32%	38.84%	37.79%	37.90%	-1.48%	-1.05%	0.11%	-2.42%
	NoIrr	Hay/Pasture	70.3	147.3	52.4	65.0	3.53%	7.47%	2.83%	3.63%	3.94%	-4.64%	0.80%	0.10%
		Multi-Use	1,119.1	1,059.5	1,099.8	1,046.5	56.15%	53.70%	59.38%	58.47%	-2.46%	5.69%	-0.91%	2.31%
	NoIrr Total		**1,189.4**	**1,206.8**	**1,152.2**	**1,111.5**	59.68%	61.16%	62.21%	62.10%	1.48%	1.05%	-0.11%	2.42%
A1 Total			1,992.8	1,973.1	1,852.0	1,789.8								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
A2	Irr	Flood	2,014.7	2,313.7	1,565.2	1,213.3	54.26%	63.10%	42.93%	34.19%	8.85%	-20.17%	-8.75%	-20.07%
		Pivot	0.0	0.0	453.8	737.0	0.00%	0.00%	12.45%	20.77%	0.00%	12.45%	8.32%	20.77%
		Sprinkler	0.0	13.5	95.2	93.9	0.00%	0.37%	2.61%	2.65%	0.37%	2.24%	0.04%	2.65%
	Irr Total		**2,014.7**	**2,327.3**	**2,114.2**	**2,044.2**	54.26%	63.47%	58.00%	57.60%	9.21%	-5.47%	-0.39%	3.35%
	NoIrr	Hay/Pasture	298.2	212.3	157.6	156.2	8.03%	5.79%	4.32%	4.40%	-2.24%	-1.47%	0.08%	-3.63%
		Multi-Use	1,400.5	1,127.2	1,373.7	1,348.4	37.71%	30.74%	37.68%	38.00%	-6.97%	6.94%	0.32%	0.28%
	NoIrr Total		**1,698.6**	**1,339.5**	**1,531.3**	**1,504.6**	45.74%	36.53%	42.00%	42.40%	-9.21%	5.47%	0.39%	-3.35%
A2 Total			3,713.3	3,666.7	3,645.6	3,548.8								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
A3	Irr	Flood	1,492.4	1,626.7	1,668.5	1,670.4	48.93%	54.64%	55.91%	56.03%	5.71%	1.28%	0.12%	7.10%
		Pivot	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**1,492.4**	**1,626.7**	**1,668.5**	**1,670.4**	48.93%	54.64%	55.91%	56.03%	5.71%	1.28%	0.12%	7.10%
	NoIrr	Hay/Pasture	308.4	236.6	89.1	86.9	10.11%	7.95%	2.98%	2.91%	-2.17%	-4.96%	-0.07%	-7.20%
		Multi-Use	1,249.2	1,114.1	1,226.4	1,223.9	40.96%	37.42%	41.10%	41.06%	-3.54%	3.68%	-0.04%	0.10%
	NoIrr Total		**1,557.7**	**1,350.7**	**1,315.5**	**1,310.8**	51.07%	45.36%	44.09%	43.97%	-5.71%	-1.28%	-0.12%	-7.10%
A3 Total			3,050.1	2,977.4	2,984.0	2,981.2								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
A4	Irr	Flood	1,161.8	858.3	691.5	385.3	48.80%	37.49%	32.19%	17.88%	-11.31%	-5.31%	-14.31%	-30.92%
		Pivot	0.0	0.0	0.0	301.5	0.00%	0.00%	0.00%	13.99%	0.00%	0.00%	13.99%	13.99%
		Sprinkler	0.0	0.0	208.3	194.7	0.00%	0.00%	9.70%	9.04%	0.00%	9.70%	-0.66%	9.04%
	Irr Total		**1,161.8**	**858.3**	**899.8**	**881.5**	48.80%	37.49%	41.88%	40.91%	-11.31%	4.39%	-0.98%	-7.89%
	NoIrr	Hay/Pasture	192.4	263.5	125.4	145.4	8.08%	11.51%	5.83%	6.75%	3.43%	-5.67%	0.91%	-1.33%
		Multi-Use	1,026.6	1,167.4	1,123.2	1,128.0	43.12%	51.00%	52.28%	52.34%	7.88%	1.28%	0.06%	9.22%
	NoIrr Total		**1,219.0**	**1,430.9**	**1,248.5**	**1,273.4**	51.20%	62.51%	58.12%	59.09%	11.31%	-4.39%	0.98%	7.89%
A4 Total			2,380.8	2,289.1	2,148.4	2,154.9								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
A5	Irr	Flood	733.8	745.8	465.5	391.5	46.42%	48.31%	31.47%	27.06%	1.89%	-16.84%	-4.41%	-19.36%
		Pivot	0.0	0.0	77.6	154.4	0.00%	0.00%	5.25%	10.67%	0.00%	5.25%	5.43%	10.67%
		Sprinkler	0.0	0.0	0.0	8.3	0.00%	0.00%	0.00%	0.57%	0.00%	0.00%	0.57%	0.57%
	Irr Total		**733.8**	**745.8**	**543.1**	**554.2**	46.42%	48.31%	36.72%	38.30%	1.89%	-11.59%	1.58%	-8.12%
	NoIrr	Hay/Pasture	157.0	26.0	50.8	40.3	9.93%	1.68%	3.44%	2.79%	-8.25%	1.75%	-0.65%	-7.15%
		Multi-Use	690.0	772.0	885.1	852.5	43.65%	50.01%	59.84%	58.91%	6.36%	9.84%	-0.93%	15.27%
	NoIrr Total		**847.0**	**798.0**	**935.9**	**892.8**	53.58%	51.69%	63.28%	61.70%	-1.89%	11.59%	-1.58%	8.12%
A5 Total			1,580.8	1,543.8	1,478.9	1,447.0								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
A6	Irr	Flood	936.4	869.9	834.3	761.1	51.40%	47.87%	50.90%	49.46%	-3.53%	3.03%	-1.44%	-1.94%
		Pivot	0.0	0.0	0.0	64.1	0.00%	0.00%	0.00%	4.17%	0.00%	0.00%	4.17%	4.17%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**936.4**	**869.9**	**834.3**	**825.2**	51.40%	47.87%	50.90%	53.63%	-3.53%	3.03%	2.73%	2.23%
	NoIrr	Hay/Pasture	30.2	209.7	13.5	32.2	1.66%	11.54%	0.82%	2.10%	9.88%	-10.71%	1.27%	0.44%
		Multi-Use	855.3	737.8	791.5	681.4	46.94%	40.60%	48.28%	44.28%	-6.35%	7.68%	-4.00%	-2.67%
	NoIrr Total		**885.5**	**947.5**	**805.0**	**713.6**	48.60%	52.13%	49.10%	46.37%	3.53%	-3.03%	-2.73%	-2.23%
A6 Total			1,821.9	1,817.4	1,639.3	1,538.8								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
A7	Irr	Flood	2,027.4	2,203.2	1,473.0	1,465.8	35.86%	40.49%	28.20%	28.44%	4.63%	-12.29%	0.24%	-7.43%
		Pivot	0.0	0.0	940.8	913.8	0.00%	0.00%	18.01%	17.73%	0.00%	18.01%	-0.28%	17.73%
		Sprinkler	0.0	0.0	249.8	224.5	0.00%	0.00%	4.78%	4.35%	0.00%	4.78%	-0.43%	4.35%
	Irr Total		**2,027.4**	**2,203.2**	**2,663.5**	**2,604.0**	35.86%	40.49%	50.99%	50.52%	4.63%	10.50%	-0.47%	14.65%
	NoIrr	Hay/Pasture	793.6	617.9	447.2	465.4	14.04%	11.36%	8.56%	9.03%	-2.68%	-2.80%	0.47%	-5.01%
		Multi-Use	2,831.9	2,620.0	2,113.0	2,085.2	50.10%	48.15%	40.45%	40.45%	-1.94%	-7.70%	0.00%	-9.64%
	NoIrr Total		**3,625.5**	**3,237.9**	**2,560.1**	**2,550.6**	64.14%	59.51%	49.01%	49.48%	-4.63%	-10.50%	0.47%	-14.65%
A7 Total			5,652.9	5,441.2	5,223.6	5,154.6								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
A8	Irr	Flood	1,161.0	1,097.6	900.8	903.6	35.34%	35.31%	29.45%	29.92%	-0.03%	-5.86%	0.47%	-5.42%
		Pivot	0.0	0.0	46.2	55.9	0.00%	0.00%	1.51%	1.85%	0.00%	1.51%	0.34%	1.85%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**1,161.0**	**1,097.6**	**947.0**	**959.5**	35.34%	35.31%	30.96%	31.78%	-0.03%	-4.35%	0.81%	-3.57%
	NoIrr	Hay/Pasture	169.0	294.2	420.6	402.3	5.14%	9.46%	13.75%	13.32%	4.32%	4.29%	-0.43%	8.18%
		Multi-Use	1,955.2	1,716.4	1,691.1	1,657.9	59.51%	55.22%	55.29%	54.90%	-4.29%	0.07%	-0.39%	-4.61%
	NoIrr Total		**2,124.2**	**2,010.5**	**2,111.6**	**2,060.2**	64.66%	64.69%	69.04%	68.22%	0.03%	4.35%	-0.81%	3.57%
A8 Total			**3,285.3**	**3,108.1**	**3,058.7**	**3,019.8**								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
A9	Irr	Flood	462.8	450.1	344.6	450.6	23.03%	23.80%	19.04%	25.60%	0.77%	-4.76%	6.56%	2.57%
		Pivot	0.0	0.0	146.1	163.4	0.00%	0.00%	8.07%	9.28%	0.00%	8.07%	1.21%	9.28%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**462.8**	**450.1**	**490.6**	**614.0**	23.03%	23.80%	27.12%	34.88%	0.77%	3.31%	7.77%	11.85%
	NoIrr	Hay/Pasture	187.3	122.1	185.1	118.9	9.32%	6.45%	10.23%	6.76%	-2.87%	3.78%	-3.47%	-2.57%
		Multi-Use	1,359.2	1,318.8	1,133.6	1,027.2	67.64%	69.74%	62.65%	58.36%	2.10%	-7.09%	-4.29%	-9.29%
	NoIrr Total		**1,546.5**	**1,440.8**	**1,318.7**	**1,146.1**	76.97%	76.20%	72.88%	65.12%	-0.77%	-3.31%	-7.77%	-11.85%
A9 Total			**2,009.3**	**1,890.9**	**1,809.4**	**1,760.1**								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
A10	Irr	Flood	636.2	604.0	601.8	597.4	24.94%	24.86%	24.89%	25.20%	-0.08%	0.02%	0.31%	0.26%
		Pivot	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**636.2**	**604.0**	**601.8**	**597.4**	24.94%	24.86%	24.89%	25.20%	-0.08%	0.02%	0.31%	0.26%
	NoIrr	Hay/Pasture	190.7	153.6	39.7	109.8	7.48%	6.33%	1.64%	4.63%	-1.15%	-4.68%	2.99%	-2.85%
		Multi-Use	1,723.8	1,671.5	1,776.5	1,663.5	67.58%	68.81%	73.47%	70.17%	1.23%	4.66%	-3.30%	2.59%
	NoIrr Total		**1,914.5**	**1,825.1**	**1,816.2**	**1,773.3**	75.06%	75.14%	75.11%	74.80%	0.08%	-0.02%	-0.31%	-0.26%
A10 Total			**2,550.7**	**2,429.1**	**2,418.0**	**2,370.7**								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
A11	Irr	Flood	351.2	514.6	467.8	530.6	12.23%	19.69%	18.94%	22.51%	7.46%	-0.75%	3.58%	10.29%
		Pivot	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**351.2**	**514.6**	**467.8**	**530.6**	12.23%	19.69%	18.94%	22.51%	7.46%	-0.75%	3.58%	10.29%
	NoIrr	Hay/Pasture	497.3	268.1	168.0	189.1	17.31%	10.26%	6.80%	8.02%	-7.06%	-3.46%	1.22%	-9.29%
		Multi-Use	2,023.7	1,831.4	1,834.5	1,637.2	70.46%	70.06%	74.26%	69.46%	-0.40%	4.21%	-4.80%	-0.99%
	NoIrr Total		**2,521.0**	**2,099.5**	**2,002.5**	**1,826.4**	87.77%	80.31%	81.06%	77.49%	-7.46%	0.75%	-3.58%	-10.29%
A11 Total			**2,872.2**	**2,614.1**	**2,470.3**	**2,357.0**								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
A12	Irr	Flood	1,201.2	1,086.7	1,034.6	979.6	36.06%	33.49%	33.66%	32.96%	-2.57%	0.17%	-0.71%	-3.10%
		Pivot	0.0	0.0	0.0	1.4	0.00%	0.00%	0.00%	0.05%	0.00%	0.00%	0.05%	0.05%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**1,201.2**	**1,086.7**	**1,034.6**	**981.0**	36.06%	33.49%	33.66%	33.01%	-2.57%	0.17%	-0.66%	-3.06%
	NoIrr	Hay/Pasture	356.0	300.3	135.6	170.5	10.69%	9.26%	4.41%	5.74%	-1.43%	-4.84%	1.32%	-4.95%
		Multi-Use	1,773.9	1,857.5	1,903.2	1,820.8	53.25%	57.25%	61.92%	61.26%	4.00%	4.67%	-0.66%	8.01%
	NoIrr Total		**2,129.8**	**2,157.9**	**2,038.8**	**1,991.3**	63.94%	66.51%	66.34%	66.99%	2.57%	-0.17%	0.66%	3.06%
A12 Total			**3,331.1**	**3,244.6**	**3,073.4**	**2,972.2**								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
A13	Irr	Flood	686.0	479.1	539.7	599.0	38.58%	29.27%	40.16%	44.97%	-9.31%	10.90%	4.81%	6.39%
		Pivot	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		Sprinkler	0.0	40.9	40.9	0.0	0.00%	2.50%	3.05%	0.00%	2.50%	0.55%	-3.05%	0.00%
	Irr Total		**686.0**	**520.0**	**580.7**	**599.0**	38.58%	31.77%	43.21%	44.97%	-6.81%	11.44%	1.76%	6.39%
	NoIrr	Hay/Pasture	287.8	407.4	141.9	155.3	16.19%	24.88%	10.56%	11.66%	8.70%	-14.32%	1.10%	-4.53%
		Multi-Use	804.3	709.6	621.2	577.7	45.23%	43.35%	46.23%	43.37%	-1.88%	2.88%	-2.86%	-1.86%
	NoIrr Total		**1,092.1**	**1,117.0**	**763.1**	**733.0**	61.42%	68.23%	56.79%	55.03%	6.81%	-11.44%	-1.76%	-6.39%
A13 Total			**1,778.1**	**1,637.0**	**1,343.8**	**1,332.0**								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
A14	Irr	Flood	1,663.6	1,644.3	1,467.5	1,319.8	35.28%	35.65%	32.83%	29.70%	0.37%	-2.81%	-3.13%	-5.58%
		Pivot	0.0	0.0	0.0	144.0	0.00%	0.00%	0.00%	3.24%	0.00%	0.00%	3.24%	3.24%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**1,663.6**	**1,644.3**	**1,467.5**	**1,463.8**	35.28%	35.65%	32.83%	32.94%	0.37%	-2.81%	0.11%	-2.33%
	NoIrr	Hay/Pasture	403.4	436.4	403.3	448.2	8.55%	9.46%	9.02%	10.09%	0.91%	-0.44%	1.06%	1.53%
		Multi-Use	2,649.0	2,532.1	2,599.0	2,531.5	56.17%	54.89%	58.15%	56.97%	-1.28%	3.25%	-1.18%	0.80%
	NoIrr Total		**3,052.4**	**2,968.5**	**3,002.3**	**2,979.7**	64.72%	64.35%	67.17%	67.06%	-0.37%	2.81%	-0.11%	2.33%
A14 Total			**4,716.0**	**4,612.8**	**4,469.8**	**4,443.6**								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
A15	Irr	Flood	924.9	696.1	637.7	527.9	33.77%	26.91%	24.95%	20.83%	-6.86%	-1.96%	-4.12%	-12.94%
		Pivot	0.0	0.0	1.1	80.5	0.00%	0.00%	0.04%	3.18%	0.00%	0.04%	3.14%	3.18%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**924.9**	**696.1**	**638.8**	**608.4**	33.77%	26.91%	25.00%	24.01%	-6.86%	-1.91%	-0.98%	-9.76%
	NoIrr	Hay/Pasture	150.3	146.4	108.2	137.3	5.49%	5.66%	4.24%	5.42%	0.17%	-1.42%	1.18%	-0.07%
		Multi-Use	1,663.6	1,744.4	1,808.6	1,788.0	60.74%	67.43%	70.77%	70.57%	6.69%	3.34%	-0.20%	9.83%
	NoIrr Total		**1,813.9**	**1,890.8**	**1,916.8**	**1,925.3**	66.23%	73.09%	75.00%	75.99%	6.86%	1.91%	0.98%	9.76%
A15 Total			**2,738.8**	**2,586.9**	**2,555.5**	**2,533.8**								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
A16	Irr	Flood	1,587.8	1,551.3	1,145.2	1,095.2	39.61%	39.95%	31.17%	31.00%	0.35%	-8.79%	-0.17%	-8.61%
		Pivot	0.0	0.0	10.6	10.6	0.00%	0.00%	0.29%	0.30%	0.00%	0.29%	0.01%	0.30%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**1,587.8**	**1,551.3**	**1,155.8**	**1,105.8**	39.61%	39.95%	31.46%	31.30%	0.35%	-8.50%	-0.15%	-8.31%
	NoIrr	Hay/Pasture	72.3	355.6	624.7	629.4	1.80%	9.16%	17.00%	17.82%	7.36%	7.84%	0.81%	16.01%
		Multi-Use	2,348.8	1,975.8	1,894.0	1,797.6	58.59%	50.89%	51.54%	50.88%	-7.70%	0.66%	-0.66%	-7.71%
	NoIrr Total		**2,421.1**	**2,331.5**	**2,518.7**	**2,427.0**	60.39%	60.05%	68.54%	68.70%	-0.35%	8.50%	0.15%	8.31%
A16 Total			**4,008.9**	**3,882.7**	**3,674.5**	**3,532.8**								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
A17	Irr	Flood	1,927.0	1,910.0	1,452.4	1,384.1	42.54%	43.85%	34.36%	33.67%	1.31%	-9.49%	-0.68%	-8.86%
		Pivot	0.0	202.7	283.8	283.8	0.00%	4.65%	6.71%	6.90%	4.65%	2.06%	0.19%	6.90%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**1,927.0**	**2,112.6**	**1,736.2**	**1,667.9**	42.54%	48.50%	41.07%	40.58%	5.97%	-7.43%	-0.49%	-1.96%
	NoIrr	Hay/Pasture	1,118.9	1,149.8	1,290.4	1,260.3	24.70%	26.40%	30.52%	30.66%	1.70%	4.13%	0.14%	5.96%
		Multi-Use	1,484.3	1,093.3	1,200.7	1,182.1	32.77%	25.10%	28.40%	28.76%	-7.66%	3.30%	0.36%	-4.01%
	NoIrr Total		**2,603.2**	**2,243.1**	**2,491.1**	**2,442.4**	57.46%	51.50%	58.93%	59.42%	-5.97%	7.43%	0.49%	1.96%
A17 Total			**4,530.2**	**4,355.8**	**4,227.3**	**4,110.3**								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
A18	Irr	Flood	945.9	904.3	861.5	893.5	39.39%	47.52%	46.63%	50.55%	8.14%	-0.90%	3.92%	11.16%
		Pivot	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**945.9**	**904.3**	**861.5**	**893.5**	39.39%	47.52%	46.63%	50.55%	8.14%	-0.90%	3.92%	11.16%
	NoIrr	Hay/Pasture	312.9	249.8	111.1	125.7	13.03%	13.13%	6.01%	7.11%	0.10%	-7.11%	1.10%	-5.92%
		Multi-Use	1,142.8	748.8	875.0	748.5	47.58%	39.35%	47.36%	42.34%	-8.23%	8.01%	-5.02%	-5.24%
	NoIrr Total		**1,455.7**	**998.6**	**986.1**	**874.2**	60.61%	52.48%	53.37%	49.45%	-8.14%	0.90%	-3.92%	-11.16%
A18 Total			**2,401.7**	**1,902.9**	**1,847.6**	**1,767.8**								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
B1	Irr	Flood	2,905.2	3,059.8	3,419.5	2,922.5	30.73%	36.99%	39.66%	36.85%	6.26%	2.67%	-2.81%	6.12%
		Pivot	0.0	0.0	191.8	241.0	0.00%	0.00%	2.22%	3.04%	0.00%	2.22%	0.81%	3.04%
		Sprinkler	0.0	0.0	26.1	26.1	0.00%	0.00%	0.30%	0.33%	0.00%	0.30%	0.03%	0.33%
	Irr Total		**2,905.2**	**3,059.8**	**3,637.4**	**3,189.5**	30.73%	36.99%	42.18%	40.21%	6.26%	5.20%	-1.97%	9.48%
	NoIrr	Hay/Pasture	2,786.7	1,845.9	482.1	652.7	29.48%	22.31%	5.59%	8.23%	-7.16%	-16.72%	2.64%	-21.25%
		Multi-Use	3,762.0	3,366.9	4,503.2	4,089.1	39.79%	40.70%	52.23%	51.56%	0.91%	11.53%	-0.67%	11.76%
	NoIrr Total		**6,548.7**	**5,212.7**	**4,985.3**	**4,741.8**	69.27%	63.01%	57.82%	59.79%	-6.26%	-5.20%	1.97%	-9.48%
B1 Total			**9,453.9**	**8,272.5**	**8,622.7**	**7,931.3**								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
B2	Irr	Flood	469.3	24.5	0.0	0.0	19.10%	1.56%	0.00%	0.00%	-17.53%	-1.56%	0.00%	-19.10%
		Pivot	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		Sprinkler	0.0	0.0	5.5	5.5	0.00%	0.00%	0.40%	0.51%	0.00%	0.40%	0.11%	0.51%
	Irr Total		**469.3**	**24.5**	**5.5**	**5.5**	19.10%	1.56%	0.40%	0.51%	-17.53%	-1.16%	0.11%	-18.58%
	NoIrr	Hay/Pasture	831.7	1,117.4	219.3	127.4	33.84%	71.21%	16.09%	11.89%	37.37%	-55.12%	-4.20%	-21.95%
		Multi-Use	1,156.5	427.3	1,138.4	938.6	47.06%	27.23%	83.51%	87.60%	-19.83%	56.28%	4.09%	40.54%
	NoIrr Total		**1,988.2**	**1,544.6**	**1,357.8**	**1,066.0**	80.90%	98.44%	99.60%	99.49%	17.53%	1.16%	-0.11%	18.58%
B2 Total			**2,457.5**	**1,569.2**	**1,363.3**	**1,071.5**								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
B3	Irr	Flood	420.2	702.7	637.4	472.5	15.47%	29.21%	31.48%	26.70%	13.75%	2.27%	-4.78%	11.23%
		Pivot	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**420.2**	**702.7**	**637.4**	**472.5**	15.47%	29.21%	31.48%	26.70%	13.75%	2.27%	-4.78%	11.23%
	NoIrr	Hay/Pasture	896.3	451.3	250.2	274.1	32.99%	18.76%	12.36%	15.49%	-14.23%	-6.40%	3.13%	-17.50%
		Multi-Use	1,400.6	1,251.7	1,137.2	1,023.4	51.55%	52.03%	56.17%	57.82%	0.48%	4.14%	1.65%	6.27%
	NoIrr Total		**2,296.9**	**1,703.0**	**1,387.4**	**1,297.5**	84.53%	70.79%	68.52%	73.30%	-13.75%	-2.27%	4.78%	-11.23%
B3 Total			**2,717.1**	**2,405.8**	**2,024.8**	**1,770.0**								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
B4	Irr	Flood	727.6	1,166.9	1,261.1	1,161.5	26.22%	43.44%	48.53%	45.50%	17.22%	5.09%	-3.02%	19.29%
		Pivot	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**727.6**	**1,166.9**	**1,261.1**	**1,161.5**	26.22%	43.44%	48.53%	45.50%	17.22%	5.09%	-3.02%	19.29%
	NoIrr	Hay/Pasture	653.9	235.3	4.4	119.6	23.56%	8.76%	0.17%	4.68%	-14.80%	-8.59%	4.51%	-18.87%
		Multi-Use	1,394.0	1,284.2	1,333.3	1,271.4	50.22%	47.80%	51.30%	49.81%	-2.42%	3.50%	-1.49%	-0.41%
	NoIrr Total		**2,047.9**	**1,519.5**	**1,337.7**	**1,391.0**	73.78%	56.56%	51.47%	54.50%	-17.22%	-5.09%	3.02%	-19.29%
B4 Total			2,775.5	2,686.5	2,598.9	2,552.4								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
B5	Irr	Flood	920.7	1,476.1	1,644.5	1,271.2	24.68%	41.19%	52.07%	41.80%	16.51%	10.88%	-10.28%	17.12%
		Pivot	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**920.7**	**1,476.1**	**1,644.5**	**1,271.2**	24.68%	41.19%	52.07%	41.80%	16.51%	10.88%	-10.28%	17.12%
	NoIrr	Hay/Pasture	1,285.6	659.9	321.4	401.9	34.46%	18.41%	10.18%	13.21%	-16.05%	-8.23%	3.03%	-21.25%
		Multi-Use	1,524.7	1,447.9	1,192.1	1,368.4	40.86%	40.40%	37.75%	44.99%	-0.46%	-2.65%	7.24%	4.13%
	NoIrr Total		**2,810.3**	**2,107.7**	**1,513.6**	**1,770.3**	75.32%	58.81%	47.93%	58.20%	-16.51%	-10.88%	10.28%	-17.12%
B5 Total			3,731.1	3,583.8	3,158.0	3,041.4								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
B6	Irr	Flood	1,317.8	1,458.0	1,849.5	1,862.1	35.78%	39.77%	49.23%	50.40%	3.98%	9.46%	1.17%	14.61%
		Pivot	0.0	0.0	96.2	96.2	0.00%	0.00%	2.56%	2.60%	0.00%	2.56%	0.04%	2.60%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**1,317.8**	**1,458.0**	**1,945.7**	**1,958.3**	35.78%	39.77%	51.79%	53.00%	3.98%	12.02%	1.21%	17.22%
	NoIrr	Hay/Pasture	681.7	624.2	86.5	61.3	18.51%	17.02%	2.30%	1.66%	-1.49%	-14.72%	-0.64%	-16.85%
		Multi-Use	1,683.2	1,584.2	1,724.7	1,675.3	45.71%	43.21%	45.91%	45.34%	-2.50%	2.70%	-0.57%	-0.37%
	NoIrr Total		**2,365.0**	**2,208.4**	**1,811.2**	**1,736.6**	64.22%	60.23%	48.21%	47.00%	-3.98%	-12.02%	-1.21%	-17.22%
B6 Total			3,682.8	3,666.4	3,756.9	3,694.9								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
B7	Irr	Flood	1,212.2	1,655.8	1,604.2	1,339.3	26.09%	33.96%	32.44%	30.50%	7.87%	-1.52%	-1.94%	4.41%
		Pivot	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**1,212.2**	**1,655.8**	**1,604.2**	**1,339.3**	26.09%	33.96%	32.44%	30.50%	7.87%	-1.52%	-1.94%	4.41%
	NoIrr	Hay/Pasture	559.9	640.3	496.5	560.6	12.05%	13.13%	10.04%	12.77%	1.08%	-3.09%	2.73%	0.72%
		Multi-Use	2,874.4	2,580.4	2,844.9	2,491.6	61.86%	52.91%	57.52%	56.74%	-8.95%	4.61%	-0.79%	-5.13%
	NoIrr Total		**3,434.3**	**3,220.6**	**3,341.4**	**3,052.3**	73.91%	66.04%	67.56%	69.50%	-7.87%	1.52%	1.94%	-4.41%
B7 Total			4,646.5	4,876.4	4,945.6	4,391.6								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
B8	Irr	Flood	1,269.7	1,199.9	1,176.2	1,238.8	25.97%	25.73%	25.39%	27.49%	-0.24%	-0.34%	2.10%	1.52%
		Pivot	0.0	85.9	85.9	85.9	0.00%	1.84%	1.85%	1.91%	1.84%	0.01%	0.05%	1.91%
		Sprinkler	6.1	63.7	124.4	124.4	0.12%	1.37%	2.68%	2.76%	1.24%	1.32%	0.07%	2.64%
	Irr Total		**1,275.8**	**1,349.4**	**1,386.4**	**1,449.0**	26.09%	28.94%	29.93%	32.15%	2.85%	0.99%	2.22%	6.06%
	NoIrr	Hay/Pasture	464.3	476.0	421.8	366.5	9.50%	10.21%	9.11%	8.13%	0.71%	-1.10%	-0.98%	-1.36%
		Multi-Use	3,149.1	2,837.2	2,823.7	2,690.9	64.41%	60.85%	60.96%	59.71%	-3.56%	0.11%	-1.25%	-4.70%
	NoIrr Total		**3,613.4**	**3,313.2**	**3,245.5**	**3,057.4**	73.91%	71.06%	70.07%	67.85%	-2.85%	-0.99%	-2.22%	-6.06%
B8 Total			4,889.1	4,662.6	4,631.9	4,506.4								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
B9	Irr	Flood	656.7	575.0	922.6	507.8	22.60%	20.71%	33.39%	18.83%	-1.89%	12.68%	-14.56%	-3.77%
		Pivot	0.0	0.0	0.0	384.1	0.00%	0.00%	0.00%	14.24%	0.00%	0.00%	14.24%	14.24%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**656.7**	**575.0**	**922.6**	**891.9**	22.60%	20.71%	33.39%	33.07%	-1.89%	12.68%	-0.32%	10.47%
	NoIrr	Hay/Pasture	405.0	510.7	88.7	152.7	13.94%	18.39%	3.21%	5.66%	4.46%	-15.18%	2.45%	-8.27%
		Multi-Use	1,844.5	1,690.6	1,752.0	1,652.4	63.47%	60.89%	63.40%	61.27%	-2.57%	2.51%	-2.13%	-2.20%
	NoIrr Total		**2,249.5**	**2,201.2**	**1,840.7**	**1,805.1**	77.40%	79.29%	66.61%	66.93%	1.89%	-12.68%	0.32%	-10.47%
B9 Total			2,906.3	2,776.2	2,763.4	2,697.0								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
B10	Irr	Flood	637.0	748.7	908.7	858.1	15.16%	17.67%	21.15%	20.13%	2.52%	3.48%	-1.03%	4.97%
		Pivot	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**637.0**	**748.7**	**908.7**	**858.1**	15.16%	17.67%	21.15%	20.13%	2.52%	3.48%	-1.03%	4.97%
	NoIrr	Hay/Pasture	476.2	539.0	381.0	420.5	11.33%	12.72%	8.87%	9.86%	1.39%	-3.86%	0.99%	-1.47%
		Multi-Use	3,089.2	2,948.2	3,006.1	2,985.3	73.51%	69.60%	69.98%	70.01%	-3.91%	0.38%	0.03%	-3.50%
	NoIrr Total		**3,565.4**	**3,487.2**	**3,387.1**	**3,405.8**	84.84%	82.33%	78.85%	79.87%	-2.52%	-3.48%	1.03%	-4.97%
B10 Total			4,202.4	4,235.9	4,295.8	4,263.9								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
B11	Irr	Flood	1,189.9	1,501.3	1,585.8	1,490.7	23.25%	29.75%	31.60%	30.17%	6.50%	1.85%	-1.43%	6.92%
		Pivot	0.0	36.9	99.0	101.8	0.00%	0.73%	1.97%	2.06%	0.73%	1.24%	0.09%	2.06%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**1,189.9**	**1,538.2**	**1,684.7**	**1,592.5**	23.25%	30.48%	33.57%	32.23%	7.23%	3.09%	-1.34%	8.98%
	NoIrr	Hay/Pasture	836.4	498.1	223.4	576.7	16.34%	9.87%	4.45%	11.67%	-6.47%	-5.42%	7.22%	-4.67%
		Multi-Use	3,091.0	3,009.8	3,110.3	2,771.5	60.40%	59.65%	61.98%	56.10%	-0.76%	2.33%	-5.88%	-4.31%
	NoIrr Total		**3,927.4**	**3,507.8**	**3,333.7**	**3,348.2**	76.75%	69.52%	66.43%	67.77%	-7.23%	-3.09%	1.34%	-8.98%
B11 Total			**5,117.4**	**5,046.0**	**5,018.4**	**4,940.7**								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
B12	Irr	Flood	498.4	521.6	661.3	556.0	16.70%	18.31%	23.01%	19.82%	1.61%	4.70%	-3.19%	3.12%
		Pivot	0.0	0.0	14.5	136.8	0.00%	0.00%	0.50%	4.88%	0.00%	0.50%	4.37%	4.88%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**498.4**	**521.6**	**675.8**	**692.8**	16.70%	18.31%	23.51%	24.70%	1.61%	5.20%	1.18%	8.00%
	NoIrr	Hay/Pasture	434.2	294.2	169.5	168.2	14.54%	10.33%	5.90%	6.00%	-4.22%	-4.43%	0.10%	-8.55%
		Multi-Use	2,052.5	2,032.7	2,028.9	1,944.0	68.76%	71.36%	70.59%	69.31%	2.60%	-0.77%	-1.28%	0.55%
	NoIrr Total		**2,486.7**	**2,326.9**	**2,198.4**	**2,112.2**	83.30%	81.69%	76.49%	75.30%	-1.61%	-5.20%	-1.18%	-8.00%
B12 Total			**2,985.1**	**2,848.4**	**2,874.2**	**2,805.0**								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
C1	Irr	Flood	1,894.6	1,679.0	1,798.0	963.6	39.93%	36.02%	38.14%	20.67%	-3.91%	2.13%	-17.47%	-19.26%
		Pivot	0.0	136.8	176.7	1,212.0	0.00%	2.93%	3.75%	26.00%	2.93%	0.81%	22.25%	26.00%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**1,894.6**	**1,815.8**	**1,974.7**	**2,175.6**	39.93%	38.95%	41.89%	46.67%	-0.98%	2.94%	4.78%	6.74%
	NoIrr	Hay/Pasture	91.8	396.8	339.4	348.1	1.94%	8.51%	7.20%	7.47%	6.58%	-1.31%	0.27%	5.53%
		Multi-Use	2,758.4	2,449.2	2,399.5	2,137.9	58.13%	52.54%	50.91%	45.86%	-5.60%	-1.63%	-5.05%	-12.27%
	NoIrr Total		**2,850.2**	**2,846.0**	**2,738.9**	**2,486.0**	60.07%	61.05%	58.11%	53.33%	0.98%	-2.94%	-4.78%	-6.74%
C1 Total			**4,744.8**	**4,661.8**	**4,713.6**	**4,661.6**								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
C2	Irr	Flood	2,464.8	2,434.1	2,351.2	2,393.8	47.94%	48.45%	44.19%	45.07%	0.51%	-4.25%	0.88%	-2.87%
		Pivot	0.0	0.0	137.6	137.6	0.00%	0.00%	2.59%	2.59%	0.00%	2.59%	0.00%	2.59%
		Sprinkler	0.0	0.0	76.8	79.1	0.00%	0.00%	1.44%	1.49%	0.00%	1.44%	0.04%	1.49%
	Irr Total		**2,464.8**	**2,434.1**	**2,565.6**	**2,610.5**	47.94%	48.45%	48.22%	49.15%	0.51%	-0.23%	0.93%	1.21%
	NoIrr	Hay/Pasture	75.9	80.8	18.8	3.5	1.48%	1.61%	0.35%	0.07%	0.13%	-1.25%	-0.29%	-1.41%
		Multi-Use	2,600.6	2,509.5	2,736.1	2,696.9	50.58%	49.95%	51.43%	50.78%	-0.64%	1.48%	-0.64%	0.20%
	NoIrr Total		**2,676.6**	**2,590.3**	**2,754.9**	**2,700.4**	52.06%	51.55%	51.78%	50.85%	-0.51%	0.23%	-0.93%	-1.21%
C2 Total			**5,141.4**	**5,024.4**	**5,320.5**	**5,310.8**								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
C3	Irr	Flood	1,881.6	1,817.3	1,820.6	1,777.6	57.44%	56.38%	56.38%	55.94%	-1.06%	-0.01%	-0.43%	-1.50%
		Pivot	0.0	0.0	0.0	33.2	0.00%	0.00%	0.00%	1.04%	0.00%	0.00%	1.04%	1.04%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**1,881.6**	**1,817.3**	**1,820.6**	**1,810.7**	57.44%	56.38%	56.38%	56.99%	-1.06%	-0.01%	0.61%	-0.45%
	NoIrr	Hay/Pasture	150.4	49.6	31.0	31.0	4.59%	1.54%	0.96%	0.98%	-3.05%	-0.58%	0.02%	-3.62%
		Multi-Use	1,243.7	1,356.1	1,377.9	1,335.7	37.97%	42.08%	42.67%	42.04%	4.11%	0.59%	-0.63%	4.07%
	NoIrr Total		**1,394.1**	**1,405.7**	**1,408.8**	**1,366.7**	42.56%	43.62%	43.62%	43.01%	1.06%	0.01%	-0.61%	0.45%
C3 Total			**3,275.6**	**3,223.1**	**3,229.5**	**3,177.4**								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
C4	Irr	Flood	1,279.5	1,436.7	1,143.2	807.6	46.42%	53.19%	42.18%	30.13%	6.76%	-11.01%	-12.05%	-16.29%
		Pivot	0.0	0.0	0.0	370.8	0.00%	0.00%	0.00%	13.84%	0.00%	0.00%	13.84%	13.84%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**1,279.5**	**1,436.7**	**1,143.2**	**1,178.4**	46.42%	53.19%	42.18%	43.96%	6.76%	-11.01%	1.79%	-2.46%
	NoIrr	Hay/Pasture	0.0	0.0	35.1	35.1	0.00%	0.00%	1.29%	1.31%	0.00%	1.29%	0.01%	1.31%
		Multi-Use	1,476.7	1,264.6	1,532.1	1,466.8	53.58%	46.81%	56.53%	54.73%	-6.76%	9.71%	-1.80%	1.15%
	NoIrr Total		**1,476.7**	**1,264.6**	**1,567.2**	**1,501.9**	53.58%	46.81%	57.82%	56.04%	-6.76%	11.01%	-1.79%	2.46%
C4 Total			**2,756.2**	**2,701.3**	**2,710.4**	**2,680.3**								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
C5	Irr	Flood	1,866.0	1,707.1	1,625.7	1,492.2	57.00%	52.59%	49.94%	45.98%	-4.41%	-2.65%	-3.95%	-11.02%
		Pivot	0.0	0.0	39.5	181.2	0.00%	0.00%	1.21%	5.58%	0.00%	1.21%	4.37%	5.58%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**1,866.0**	**1,707.1**	**1,665.2**	**1,673.4**	57.00%	52.59%	51.15%	51.57%	-4.41%	-1.43%	0.42%	-5.43%
	NoIrr	Hay/Pasture	50.7	0.0	1.0	1.0	1.55%	0.00%	0.03%	0.03%	-1.55%	0.03%	0.00%	-1.52%
		Multi-Use	1,356.8	1,539.0	1,589.1	1,570.6	41.45%	47.41%	48.82%	48.40%	5.96%	1.40%	-0.42%	6.95%
	NoIrr Total		**1,407.5**	**1,539.0**	**1,590.1**	**1,571.6**	43.00%	47.41%	48.85%	48.43%	4.41%	1.43%	-0.42%	5.43%
C5 Total			**3,273.5**	**3,246.1**	**3,255.3**	**3,245.1**								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
C6	Irr	Flood	1,754.0	1,534.6	1,535.6	1,365.9	51.58%	45.72%	42.43%	38.11%	-5.86%	-3.29%	-4.32%	-13.47%
		Pivot	0.0	0.0	18.9	187.6	0.00%	0.00%	0.52%	5.23%	0.00%	0.52%	4.71%	5.23%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**1,754.0**	**1,534.6**	**1,554.5**	**1,553.5**	51.58%	45.72%	42.95%	43.34%	-5.86%	-2.77%	0.39%	-8.24%
	NoIrr	Hay/Pasture	44.1	0.0	2.2	0.0	1.30%	0.00%	0.06%	0.00%	-1.30%	0.06%	-0.06%	-1.30%
		Multi-Use	1,602.4	1,822.1	2,062.6	2,030.6	47.12%	54.28%	56.99%	56.66%	7.16%	2.71%	-0.33%	9.53%
	NoIrr Total		**1,646.5**	**1,822.1**	**2,064.7**	**2,030.6**	48.42%	54.28%	57.05%	56.66%	5.86%	2.77%	-0.39%	8.24%
C6 Total			3,400.5	3,356.7	3,619.3	3,584.1								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
C7	Irr	Flood	3,276.6	2,473.1	2,198.7	1,951.2	48.34%	38.98%	32.55%	29.14%	-9.36%	-6.43%	-3.41%	-19.20%
		Pivot	0.0	0.0	56.5	276.3	0.00%	0.00%	0.84%	4.13%	0.00%	0.84%	3.29%	4.13%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**3,276.6**	**2,473.1**	**2,255.2**	**2,227.5**	48.34%	38.98%	33.39%	33.27%	-9.36%	-5.59%	-0.12%	-15.07%
	NoIrr	Hay/Pasture	50.3	65.6	163.6	75.4	0.74%	1.03%	2.42%	1.13%	0.29%	1.39%	-1.30%	0.38%
		Multi-Use	3,451.1	3,806.1	4,335.7	4,392.7	50.92%	59.99%	64.19%	65.61%	9.07%	4.20%	1.42%	14.69%
	NoIrr Total		**3,501.4**	**3,871.6**	**4,499.4**	**4,468.1**	51.66%	61.02%	66.61%	66.73%	9.36%	5.59%	0.12%	15.07%
C7 Total			6,777.9	6,344.7	6,754.6	6,695.6								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
C8	Irr	Flood	2,808.1	3,009.9	2,877.0	2,783.3	45.69%	50.54%	45.25%	45.56%	4.84%	-5.28%	0.30%	-0.14%
		Pivot	0.0	0.0	142.5	341.9	0.00%	0.00%	2.24%	5.60%	0.00%	2.24%	3.36%	5.60%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**2,808.1**	**3,009.9**	**3,019.4**	**3,125.2**	45.69%	50.54%	47.50%	51.15%	4.84%	-3.04%	3.66%	5.46%
	NoIrr	Hay/Pasture	332.9	166.7	312.9	148.1	5.42%	2.80%	4.92%	2.42%	-2.62%	2.12%	-2.50%	-2.99%
		Multi-Use	3,004.6	2,779.2	3,025.0	2,836.4	48.89%	46.66%	47.58%	46.42%	-2.23%	0.92%	-1.16%	-2.47%
	NoIrr Total		**3,337.5**	**2,945.9**	**3,337.9**	**2,984.5**	54.31%	49.46%	52.50%	48.85%	-4.84%	3.04%	-3.66%	-5.46%
C8 Total			6,145.6	5,955.7	6,357.3	6,109.7								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
C9	Irr	Flood	3,895.4	3,801.9	3,748.5	3,498.6	48.56%	46.32%	42.76%	41.36%	-2.24%	-3.56%	-1.40%	-7.20%
		Pivot	0.0	130.9	130.9	515.0	0.00%	1.60%	1.49%	6.09%	1.60%	-0.10%	4.60%	6.09%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**3,895.4**	**3,932.8**	**3,879.5**	**4,013.6**	48.56%	47.92%	44.25%	47.45%	-0.65%	-3.66%	3.20%	-1.11%
	NoIrr	Hay/Pasture	257.4	133.7	235.8	82.7	3.21%	1.63%	2.69%	0.98%	-1.58%	1.06%	-1.71%	-2.23%
		Multi-Use	3,868.6	4,141.1	4,651.4	4,362.4	48.23%	50.45%	53.06%	51.57%	2.23%	2.60%	-1.48%	3.34%
	NoIrr Total		**4,126.0**	**4,274.8**	**4,887.2**	**4,445.1**	51.44%	52.08%	55.75%	52.55%	0.65%	3.66%	-3.20%	1.11%
C9 Total			8,021.5	8,207.6	8,766.7	8,458.6								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
C10	Irr	Flood	904.3	932.3	903.5	874.1	16.77%	18.99%	18.95%	18.53%	2.22%	-0.04%	-0.42%	1.76%
		Pivot	0.0	205.8	262.6	278.3	0.00%	4.19%	5.51%	5.90%	4.19%	1.32%	0.39%	5.90%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**904.3**	**1,138.1**	**1,166.1**	**1,152.3**	16.77%	23.18%	24.46%	24.43%	6.41%	1.27%	-0.03%	7.66%
	NoIrr	Hay/Pasture	473.5	194.0	16.7	8.0	8.78%	3.95%	0.35%	0.17%	-4.83%	-3.60%	-0.18%	-8.61%
		Multi-Use	4,014.5	3,577.1	3,585.2	3,556.6	74.45%	72.86%	75.19%	75.40%	-1.58%	2.33%	0.21%	0.95%
	NoIrr Total		**4,488.0**	**3,771.1**	**3,601.9**	**3,564.6**	83.23%	76.82%	75.54%	75.57%	-6.41%	-1.27%	0.03%	-7.66%
C10 Total			5,392.3	4,909.2	4,768.0	4,716.9								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
C11	Irr	Flood	3,056.3	3,066.4	2,943.0	2,655.9	37.99%	37.18%	33.51%	30.40%	-0.81%	-3.67%	-3.11%	-7.59%
		Pivot	0.0	0.0	94.9	451.4	0.00%	0.00%	1.08%	5.17%	0.00%	1.08%	4.09%	5.17%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**3,056.3**	**3,066.4**	**3,037.9**	**3,107.3**	37.99%	37.18%	34.59%	35.56%	-0.81%	-2.59%	0.97%	-2.42%
	NoIrr	Hay/Pasture	425.3	440.2	397.7	383.5	5.29%	5.34%	4.53%	4.39%	0.05%	-0.81%	-0.14%	-0.90%
		Multi-Use	4,564.1	4,740.7	5,346.7	5,246.9	56.73%	57.48%	60.88%	60.05%	0.75%	3.40%	-0.83%	3.32%
	NoIrr Total		**4,989.4**	**5,180.9**	**5,744.4**	**5,630.4**	62.01%	62.82%	65.41%	64.44%	0.81%	2.59%	-0.97%	2.42%
C11 Total			8,045.7	8,247.3	8,782.3	8,737.7								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
C12	Irr	Flood	3,834.0	3,488.4	3,306.0	2,866.5	54.47%	49.90%	46.58%	40.65%	-4.57%	-3.32%	-5.94%	-13.82%
		Pivot	0.0	0.0	0.0	429.5	0.00%	0.00%	0.00%	6.09%	0.00%	0.00%	6.09%	6.09%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**3,834.0**	**3,488.4**	**3,306.0**	**3,296.0**	54.47%	49.90%	46.58%	46.74%	-4.57%	-3.32%	0.15%	-7.73%
	NoIrr	Hay/Pasture	324.9	314.0	237.3	264.8	4.62%	4.49%	3.34%	3.76%	-0.12%	-1.15%	0.41%	-0.86%
		Multi-Use	2,879.6	3,188.2	3,553.4	3,491.3	40.91%	45.61%	50.07%	49.51%	4.69%	4.46%	-0.56%	8.59%
	NoIrr Total		**3,204.5**	**3,502.2**	**3,790.7**	**3,756.1**	45.53%	50.10%	53.42%	53.26%	4.57%	3.32%	-0.15%	7.73%
C12 Total			7,038.5	6,990.5	7,096.7	7,052.1								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
C13	Irr	Flood	3,571.5	3,114.3	2,422.5	2,411.6	51.76%	47.19%	36.62%	36.43%	-4.57%	-10.57%	-0.19%	-15.33%
		Pivot	0.0	0.0	327.6	327.6	0.00%	0.00%	4.95%	4.95%	0.00%	4.95%	0.00%	4.95%
		Sprinkler	0.0	0.0	0.1	0.1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**3,571.5**	**3,114.3**	**2,750.2**	**2,739.2**	51.76%	47.19%	41.57%	41.38%	-4.57%	-5.61%	-0.20%	-10.39%
	NoIrr	Hay/Pasture	144.8	72.8	546.0	181.2	2.10%	1.10%	8.25%	2.74%	-1.00%	7.15%	-5.52%	0.64%
		Multi-Use	3,183.5	3,412.7	3,318.8	3,699.8	46.14%	51.71%	50.17%	55.89%	5.57%	-1.54%	5.72%	9.75%
	NoIrr Total		**3,328.3**	**3,485.6**	**3,864.8**	**3,881.0**	48.24%	52.81%	58.43%	58.62%	4.57%	5.61%	0.20%	10.39%
C13 Total			6,899.7	6,599.9	6,615.0	6,620.2								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
C14	Irr	Flood	2,516.5	3,353.5	3,637.0	3,398.1	26.70%	37.10%	39.84%	37.69%	10.40%	2.75%	-2.16%	10.99%
		Pivot	0.0	153.9	345.0	660.0	0.00%	1.70%	3.78%	7.32%	1.70%	2.08%	3.54%	7.32%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**2,516.5**	**3,507.4**	**3,982.0**	**4,058.1**	26.70%	38.80%	43.62%	45.01%	12.10%	4.82%	1.38%	18.31%
	NoIrr	Hay/Pasture	469.1	409.7	480.5	427.6	4.98%	4.53%	5.26%	4.74%	-0.44%	0.73%	-0.52%	-0.23%
		Multi-Use	6,439.3	5,122.6	4,665.7	4,530.8	68.32%	56.67%	51.11%	50.25%	-11.65%	-5.55%	-0.86%	-18.07%
	NoIrr Total		**6,908.4**	**5,532.3**	**5,146.2**	**4,958.4**	73.30%	61.20%	56.38%	54.99%	-12.10%	-4.82%	-1.38%	-18.31%
C14 Total			9,424.9	9,039.7	9,128.2	9,016.5								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
C15	Irr	Flood	323.9	1,471.4	1,735.2	696.2	8.59%	39.10%	46.29%	18.67%	30.51%	7.19%	-27.63%	10.08%
		Pivot	0.0	0.0	267.0	1,244.4	0.00%	0.00%	7.12%	33.37%	0.00%	7.12%	26.24%	33.37%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**323.9**	**1,471.4**	**2,002.2**	**1,940.5**	8.59%	39.10%	53.42%	52.03%	30.51%	14.32%	-1.38%	43.44%
	NoIrr	Hay/Pasture	165.3	39.2	94.3	197.8	4.39%	1.04%	2.52%	5.30%	-3.34%	1.47%	2.79%	0.92%
		Multi-Use	3,281.4	2,252.5	1,651.7	1,591.1	87.03%	59.86%	44.07%	42.66%	-27.17%	-15.79%	-1.40%	-44.36%
	NoIrr Total		**3,446.8**	**2,291.7**	**1,746.0**	**1,788.9**	91.41%	60.90%	46.58%	47.97%	-30.51%	-14.32%	1.38%	-43.44%
C15 Total			3,770.6	3,763.2	3,748.2	3,729.5								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
C16	Irr	Flood	1,003.6	895.4	827.4	827.0	16.23%	14.70%	13.73%	13.77%	-1.53%	-0.97%	0.03%	-2.46%
		Pivot	0.0	303.6	303.6	303.6	0.00%	4.98%	5.04%	5.05%	4.98%	0.06%	0.02%	5.05%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**1,003.6**	**1,198.9**	**1,131.0**	**1,130.6**	16.23%	19.68%	18.77%	18.82%	3.45%	-0.91%	0.05%	2.59%
	NoIrr	Hay/Pasture	1,649.3	250.5	88.8	126.3	26.67%	4.11%	1.47%	2.10%	-22.56%	-2.64%	0.63%	-24.57%
		Multi-Use	3,531.0	4,643.1	4,806.0	4,750.8	57.10%	76.21%	79.76%	79.08%	19.11%	3.55%	-0.68%	21.98%
	NoIrr Total		**5,180.3**	**4,893.6**	**4,894.9**	**4,877.1**	83.77%	80.32%	81.23%	81.18%	-3.45%	0.91%	-0.05%	-2.59%
C16 Total			6,183.9	6,092.5	6,025.9	6,007.7								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
C17	Irr	Flood	824.7	705.2	655.2	609.4	41.00%	40.03%	39.99%	39.59%	-0.97%	-0.05%	-0.40%	-1.42%
		Pivot	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**824.7**	**705.2**	**655.2**	**609.4**	41.00%	40.03%	39.99%	39.59%	-0.97%	-0.05%	-0.40%	-1.42%
	NoIrr	Hay/Pasture	47.4	120.9	110.6	148.7	2.36%	6.87%	6.75%	9.66%	4.51%	-0.12%	2.91%	7.30%
		Multi-Use	1,139.1	935.4	872.7	781.4	56.64%	53.10%	53.27%	50.76%	-3.54%	0.16%	-2.51%	-5.88%
	NoIrr Total		**1,186.5**	**1,056.4**	**983.3**	**930.0**	59.00%	59.97%	60.01%	60.41%	0.97%	0.05%	0.40%	1.42%
C17 Total			2,011.1	1,761.6	1,638.5	1,539.5								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
C18	Irr	Flood	1,319.4	1,369.2	1,370.2	1,305.2	55.19%	59.35%	59.72%	57.00%	4.16%	0.38%	-2.72%	1.81%
		Pivot	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**1,319.4**	**1,369.2**	**1,370.2**	**1,305.2**	55.19%	59.35%	59.72%	57.00%	4.16%	0.38%	-2.72%	1.81%
	NoIrr	Hay/Pasture	0.0	4.7	10.1	54.9	0.00%	0.20%	0.44%	2.40%	0.20%	0.23%	1.96%	2.40%
		Multi-Use	1,071.5	933.3	914.0	929.7	44.81%	40.45%	39.84%	40.60%	-4.36%	-0.61%	0.76%	-4.21%
	NoIrr Total		**1,071.5**	**938.0**	**924.1**	**984.7**	44.81%	40.65%	40.28%	43.00%	-4.16%	-0.38%	2.72%	-1.81%
C18 Total			2,390.9	2,307.2	2,294.3	2,289.9								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
C19	Irr	Flood	4,385.3	4,374.3	4,372.6	4,125.1	44.97%	45.21%	45.54%	43.01%	0.25%	0.33%	-2.54%	-1.96%
		Pivot	0.0	0.0	171.1	325.8	0.00%	0.00%	1.78%	3.40%	0.00%	1.78%	1.61%	3.40%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**4,385.3**	**4,374.3**	**4,543.7**	**4,450.9**	44.97%	45.21%	47.32%	46.40%	0.25%	2.11%	-0.92%	1.44%
	NoIrr	Hay/Pasture	906.2	161.7	85.4	115.4	9.29%	1.67%	0.89%	1.20%	-7.62%	-0.78%	0.31%	-8.09%
		Multi-Use	4,461.1	5,138.4	4,972.3	5,025.6	45.74%	53.11%	51.79%	52.39%	7.37%	-1.33%	0.61%	6.65%
	NoIrr Total		**5,367.2**	**5,300.2**	**5,057.7**	**5,141.0**	55.03%	54.79%	52.68%	53.60%	-0.25%	-2.11%	0.92%	-1.44%
C19 Total			9,752.6	9,674.4	9,601.3	9,591.9								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
C20	Irr	Flood	2,725.1	2,923.7	2,946.4	2,714.2	44.55%	48.81%	49.08%	45.26%	4.26%	0.26%	-3.81%	0.71%
		Pivot	0.0	0.0	0.3	327.3	0.00%	0.00%	0.01%	5.46%	0.00%	0.01%	5.45%	5.46%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**2,725.1**	**2,923.7**	**2,946.7**	**3,041.5**	44.55%	48.81%	49.08%	50.72%	4.26%	0.27%	1.64%	6.17%
	NoIrr	Hay/Pasture	64.2	202.5	209.1	179.6	1.05%	3.38%	3.48%	3.00%	2.33%	0.10%	-0.49%	1.95%
		Multi-Use	3,327.2	2,863.7	2,848.1	2,775.2	54.40%	47.81%	47.44%	46.28%	-6.59%	-0.37%	-1.16%	-8.12%
	NoIrr Total		**3,391.4**	**3,066.2**	**3,057.2**	**2,954.8**	55.45%	51.19%	50.92%	49.28%	-4.26%	-0.27%	-1.64%	-6.17%
C20 Total			6,116.5	5,989.9	6,003.9	5,996.3								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
C21	Irr	Flood	1,799.1	1,676.4	1,737.3	1,915.9	27.14%	25.80%	26.50%	29.35%	-1.33%	0.70%	2.85%	2.21%
		Pivot	0.0	488.4	0.0	0.0	0.00%	7.52%	0.00%	0.00%	7.52%	-7.52%	0.00%	0.00%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**1,799.1**	**2,164.8**	**1,737.3**	**1,915.9**	27.14%	33.32%	26.50%	29.35%	6.18%	-6.82%	2.85%	2.21%
	NoIrr	Hay/Pasture	84.5	139.0	741.1	545.3	1.27%	2.14%	11.30%	8.35%	0.87%	9.16%	-2.95%	7.08%
		Multi-Use	4,745.7	4,192.8	4,077.4	4,065.9	71.59%	64.54%	62.20%	62.29%	-7.05%	-2.34%	0.10%	-9.30%
	NoIrr Total		**4,830.2**	**4,331.8**	**4,818.5**	**4,611.2**	72.86%	66.68%	73.50%	70.65%	-6.18%	6.82%	-2.85%	-2.21%
C21 Total			6,629.3	6,496.6	6,555.7	6,527.2								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
D1	Irr	Flood	682.4	865.6	846.1	846.1	10.45%	13.28%	12.92%	12.94%	2.83%	-0.35%	0.01%	2.49%
		Pivot	0.0	0.0	201.8	310.5	0.00%	0.00%	3.08%	4.75%	0.00%	3.08%	1.66%	4.75%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**682.4**	**865.6**	**1,047.9**	**1,156.6**	10.45%	13.28%	16.01%	17.69%	2.83%	2.73%	1.68%	7.23%
	NoIrr	Hay/Pasture	441.3	524.3	294.5	170.8	6.76%	8.04%	4.50%	2.61%	1.28%	-3.54%	-1.89%	-4.15%
		Multi-Use	5,404.9	5,129.3	5,204.5	5,212.2	82.79%	78.68%	79.50%	79.70%	-4.11%	0.81%	0.21%	-3.09%
	NoIrr Total		**5,846.2**	**5,653.6**	**5,499.0**	**5,383.0**	89.55%	86.72%	83.99%	82.31%	-2.83%	-2.73%	-1.68%	-7.23%
D1 Total			6,528.5	6,519.2	6,546.9	6,539.6								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
D2	Irr	Flood	630.5	779.2	854.1	711.7	8.95%	11.52%	12.58%	10.49%	2.58%	1.06%	-2.09%	1.54%
		Pivot	0.0	0.0	907.4	1,070.2	0.00%	0.00%	13.37%	15.78%	0.00%	13.37%	2.41%	15.78%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**630.5**	**779.2**	**1,761.5**	**1,781.9**	8.95%	11.52%	25.95%	26.27%	2.58%	14.42%	0.32%	17.32%
	NoIrr	Hay/Pasture	1,052.2	704.0	643.7	186.1	14.93%	10.41%	9.48%	2.74%	-4.52%	-0.93%	-6.74%	-12.19%
		Multi-Use	5,363.1	5,277.8	4,383.4	4,815.2	76.12%	78.06%	64.57%	70.99%	1.95%	-13.49%	6.42%	-5.13%
	NoIrr Total		**6,415.3**	**5,981.8**	**5,027.1**	**5,001.2**	91.05%	88.48%	74.05%	73.73%	-2.58%	-14.42%	-0.32%	-17.32%
D2 Total			7,045.8	6,761.0	6,788.6	6,783.1								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
D3	Irr	Flood	1,421.0	1,835.4	1,577.6	1,504.2	24.47%	32.06%	27.69%	26.40%	7.59%	-4.37%	-1.29%	1.93%
		Pivot	0.0	0.0	43.0	597.7	0.00%	0.00%	0.75%	10.49%	0.00%	0.75%	9.73%	10.49%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**1,421.0**	**1,835.4**	**1,620.6**	**2,101.9**	24.47%	32.06%	28.45%	36.89%	7.59%	-3.61%	8.44%	12.42%
	NoIrr	Hay/Pasture	254.2	80.8	72.1	103.6	4.38%	1.41%	1.26%	1.82%	-2.97%	-0.15%	0.55%	-2.56%
		Multi-Use	4,132.9	3,809.2	4,004.2	3,492.7	71.16%	66.53%	70.29%	61.29%	-4.63%	3.76%	-8.99%	-9.86%
	NoIrr Total		**4,387.1**	**3,890.0**	**4,076.3**	**3,596.3**	75.53%	67.94%	71.55%	63.11%	-7.59%	3.61%	-8.44%	-12.42%
D3 Total			5,808.1	5,725.3	5,696.9	5,698.2								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
D4	Irr	Flood	1,601.4	2,264.0	2,352.4	2,320.7	21.01%	29.61%	29.67%	29.40%	8.60%	0.06%	-0.27%	8.39%
		Pivot	0.0	119.7	94.1	180.0	0.00%	1.57%	1.19%	2.28%	1.57%	-0.38%	1.09%	2.28%
		Sprinkler	0.0	0.0	0.0	44.1	0.00%	0.00%	0.00%	0.56%	0.00%	0.00%	0.56%	0.56%
	Irr Total		**1,601.4**	**2,383.7**	**2,446.4**	**2,544.7**	21.01%	31.17%	30.86%	32.23%	10.17%	-0.32%	1.38%	11.23%
	NoIrr	Hay/Pasture	2,541.0	1,037.9	943.4	920.2	33.33%	13.57%	11.90%	11.66%	-19.76%	-1.68%	-0.24%	-21.68%
		Multi-Use	3,480.7	4,224.7	4,538.8	4,429.6	45.66%	55.25%	57.25%	56.11%	9.59%	1.99%	-1.14%	10.45%
	NoIrr Total		**6,021.7**	**5,262.6**	**5,482.2**	**5,349.8**	78.99%	68.83%	69.14%	67.77%	-10.17%	0.32%	-1.38%	-11.23%
D4 Total			7,623.1	7,646.4	7,928.7	7,894.5								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
D5	Irr	Flood	864.7	1,664.0	1,927.4	1,691.1	12.23%	24.77%	29.54%	26.51%	12.53%	4.77%	-3.02%	14.28%
		Pivot	0.0	0.0	0.0	218.5	0.00%	0.00%	0.00%	3.43%	0.00%	0.00%	3.43%	3.43%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**864.7**	**1,664.0**	**1,927.4**	**1,909.6**	12.23%	24.77%	29.54%	29.94%	12.53%	4.77%	0.40%	17.70%
	NoIrr	Hay/Pasture	293.6	359.7	269.3	226.4	4.15%	5.35%	4.13%	3.55%	1.20%	-1.23%	-0.58%	-0.60%
		Multi-Use	5,910.7	4,694.7	4,329.0	4,242.8	83.61%	69.88%	66.34%	66.51%	-13.74%	-3.54%	0.18%	-17.10%
	NoIrr Total		**6,204.3**	**5,054.5**	**4,598.3**	**4,469.2**	87.77%	75.23%	70.46%	70.06%	-12.53%	-4.77%	-0.40%	-17.70%
D5 Total			7,069.1	6,718.5	6,525.7	6,378.8								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
D6	Irr	Flood	304.1	559.7	701.0	502.4	9.50%	18.02%	22.67%	16.38%	8.52%	4.64%	-6.29%	6.88%
		Pivot	0.0	0.0	90.8	279.4	0.00%	0.00%	2.94%	9.11%	0.00%	2.94%	6.17%	9.11%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**304.1**	**559.7**	**791.8**	**781.8**	9.50%	18.02%	25.61%	25.49%	8.52%	7.58%	-0.12%	15.99%
	NoIrr	Hay/Pasture	625.1	664.4	317.0	225.0	19.53%	21.40%	10.25%	7.34%	1.87%	-11.15%	-2.91%	-12.19%
		Multi-Use	2,272.2	1,881.0	1,983.7	2,060.4	70.97%	60.58%	64.14%	67.17%	-10.40%	3.57%	3.03%	-3.80%
	NoIrr Total		**2,897.4**	**2,545.5**	**2,300.7**	**2,285.5**	90.50%	81.98%	74.39%	74.51%	-8.52%	-7.58%	0.12%	-15.99%
D6 Total			**3,201.5**	**3,105.1**	**3,092.5**	**3,067.3**								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
D7	Irr	Flood	0.0	182.4	850.9	708.1	0.00%	3.91%	18.32%	15.33%	3.91%	14.42%	-3.00%	15.33%
		Pivot	0.0	0.0	0.0	258.3	0.00%	0.00%	0.00%	5.59%	0.00%	0.00%	5.59%	5.59%
		Sprinkler	0.0	0.0	25.5	25.5	0.00%	0.00%	0.55%	0.55%	0.00%	0.55%	0.00%	0.55%
	Irr Total		**0.0**	**182.4**	**876.4**	**991.9**	0.00%	3.91%	18.87%	21.47%	3.91%	14.97%	2.59%	21.47%
	NoIrr	Hay/Pasture	1,042.6	1,560.0	868.2	812.2	21.92%	33.42%	18.70%	17.58%	11.50%	-14.73%	-1.12%	-4.34%
		Multi-Use	3,713.8	2,925.4	2,899.2	2,816.4	78.08%	62.67%	62.43%	60.95%	-15.41%	-0.24%	-1.48%	-17.13%
	NoIrr Total		**4,756.4**	**4,485.5**	**3,767.4**	**3,628.6**	100.00%	96.09%	81.13%	78.53%	-3.91%	-14.97%	-2.59%	-21.47%
D7 Total			**4,756.4**	**4,667.8**	**4,643.8**	**4,620.5**								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
D8	Irr	Flood	44.2	322.5	278.2	270.7	0.83%	6.04%	5.21%	5.15%	5.21%	-0.83%	-0.06%	4.32%
		Pivot	0.0	0.0	157.3	180.0	0.00%	0.00%	2.95%	3.43%	0.00%	2.95%	0.48%	3.43%
		Sprinkler	7.0	8.4	156.7	164.3	0.13%	0.16%	2.93%	3.13%	0.03%	2.78%	0.19%	3.00%
	Irr Total		**51.2**	**330.8**	**592.1**	**614.9**	0.96%	6.19%	11.09%	11.70%	5.23%	4.90%	0.61%	10.74%
	NoIrr	Hay/Pasture	545.9	724.3	944.5	945.6	10.24%	13.56%	17.69%	18.00%	3.32%	4.13%	0.31%	7.76%
		Multi-Use	4,731.7	4,285.4	3,801.2	3,692.9	88.80%	80.24%	71.21%	70.29%	-8.55%	-9.03%	-0.92%	-18.50%
	NoIrr Total		**5,277.6**	**5,009.7**	**4,745.7**	**4,638.5**	99.04%	93.81%	88.91%	88.30%	-5.23%	-4.90%	-0.61%	-10.74%
D8 Total			**5,328.8**	**5,340.5**	**5,337.9**	**5,253.4**								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
D9	Irr	Flood	760.3	885.6	708.0	708.0	25.28%	28.30%	22.75%	22.82%	3.02%	-5.54%	0.07%	-2.45%
		Pivot	0.0	0.0	183.0	183.0	0.00%	0.00%	5.88%	5.90%	0.00%	5.88%	0.02%	5.90%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**760.3**	**885.6**	**891.0**	**891.0**	25.28%	28.30%	28.63%	28.72%	3.02%	0.34%	0.09%	3.45%
	NoIrr	Hay/Pasture	284.7	227.7	228.4	222.4	9.46%	7.27%	7.34%	7.17%	-2.19%	0.06%	-0.17%	-2.30%
		Multi-Use	1,963.1	2,016.5	1,992.3	1,988.8	65.26%	64.43%	64.03%	64.11%	-0.83%	-0.40%	0.08%	-1.15%
	NoIrr Total		**2,247.8**	**2,244.2**	**2,220.6**	**2,211.1**	74.72%	71.70%	71.37%	71.28%	-3.02%	-0.34%	-0.09%	-3.45%
D9 Total			**3,008.1**	**3,129.8**	**3,111.7**	**3,102.1**								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
D10	Irr	Flood	722.6	1,130.0	1,301.3	1,275.4	15.76%	21.95%	22.86%	23.93%	6.19%	0.92%	1.07%	8.17%
		Pivot	0.0	0.0	232.0	229.5	0.00%	0.00%	4.08%	4.31%	0.00%	4.08%	0.23%	4.31%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**722.6**	**1,130.0**	**1,533.3**	**1,504.8**	15.76%	21.95%	26.94%	28.23%	6.19%	4.99%	1.29%	12.48%
	NoIrr	Hay/Pasture	421.0	451.6	249.7	231.1	9.18%	8.77%	4.39%	4.34%	-0.41%	-4.38%	-0.05%	-4.84%
		Multi-Use	3,442.4	3,566.8	3,908.7	3,594.1	75.06%	69.28%	68.67%	67.43%	-5.78%	-0.61%	-1.24%	-7.63%
	NoIrr Total		**3,863.4**	**4,018.4**	**4,158.4**	**3,825.2**	84.24%	78.05%	73.06%	71.77%	-6.19%	-4.99%	-1.29%	-12.48%
D10 Total			**4,586.0**	**5,148.3**	**5,691.7**	**5,330.0**								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
D11	Irr	Flood	610.2	584.4	727.8	658.4	18.28%	14.92%	16.15%	14.77%	-3.37%	1.23%	-1.38%	-3.51%
		Pivot	0.0	0.0	11.2	11.2	0.00%	0.00%	0.25%	0.25%	0.00%	0.25%	0.00%	0.25%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**610.2**	**584.4**	**738.9**	**669.6**	18.28%	14.92%	16.40%	15.02%	-3.37%	1.48%	-1.37%	-3.26%
	NoIrr	Hay/Pasture	399.6	401.7	149.0	146.7	11.97%	10.25%	3.31%	3.29%	-1.72%	-6.95%	-0.01%	-8.68%
		Multi-Use	2,327.8	2,931.8	3,619.0	3,641.0	69.74%	74.83%	80.30%	81.69%	5.09%	5.47%	1.39%	11.94%
	NoIrr Total		**2,727.4**	**3,333.5**	**3,768.0**	**3,787.7**	81.72%	85.08%	83.60%	84.98%	3.37%	-1.48%	1.37%	3.26%
D11 Total			**3,337.6**	**3,918.0**	**4,506.9**	**4,457.3**								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
D12	Irr	Flood	2,107.6	2,240.8	2,643.2	2,364.7	35.81%	36.11%	43.11%	38.85%	0.30%	7.01%	-4.26%	3.04%
		Pivot	0.0	0.0	359.8	582.7	0.00%	0.00%	5.87%	9.57%	0.00%	5.87%	3.70%	9.57%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**2,107.6**	**2,240.8**	**3,003.0**	**2,947.4**	35.81%	36.11%	48.98%	48.42%	0.30%	12.88%	-0.56%	12.62%
	NoIrr	Hay/Pasture	667.7	795.0	166.6	153.7	11.34%	12.81%	2.72%	2.53%	1.47%	-10.09%	-0.19%	-8.82%
		Multi-Use	3,110.7	3,170.1	2,961.0	2,985.6	52.85%	51.08%	48.30%	49.05%	-1.77%	-2.78%	0.75%	-3.80%
	NoIrr Total		**3,778.4**	**3,965.1**	**3,127.7**	**3,139.4**	64.19%	63.89%	51.02%	51.58%	-0.30%	-12.88%	0.56%	-12.62%
D12 Total			**5,885.9**	**6,205.8**	**6,130.7**	**6,086.8**								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
D13	Irr	Flood	3,209.5	3,140.6	2,912.8	2,324.4	63.52%	63.57%	57.56%	46.51%	0.05%	-6.01%	-11.05%	-17.02%
		Pivot	0.0	0.0	316.5	893.5	0.00%	0.00%	6.25%	17.88%	0.00%	6.25%	11.62%	17.88%
		Sprinkler	0.0	0.3	0.3	0.0	0.00%	0.01%	0.01%	0.00%	0.01%	0.00%	-0.01%	0.00%
	Irr Total		**3,209.5**	**3,140.9**	**3,229.6**	**3,217.9**	63.52%	63.58%	63.82%	64.39%	0.05%	0.24%	0.57%	0.86%
	NoIrr	Hay/Pasture	293.5	253.3	99.6	32.9	5.81%	5.13%	1.97%	0.66%	-0.68%	-3.16%	-1.31%	-5.15%
		Multi-Use	1,549.4	1,546.0	1,731.4	1,746.9	30.67%	31.29%	34.21%	34.95%	0.63%	2.92%	0.74%	4.29%
	NoIrr Total		**1,842.9**	**1,799.3**	**1,830.9**	**1,779.9**	36.48%	36.42%	36.18%	35.61%	-0.05%	-0.24%	-0.57%	-0.86%
D13 Total			**5,052.4**	**4,940.2**	**5,060.6**	**4,997.8**								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
D14	Irr	Flood	3,832.7	4,691.9	4,530.0	3,990.2	45.61%	57.36%	55.62%	49.39%	11.74%	-1.74%	-6.23%	3.78%
		Pivot	0.0	0.0	435.7	1,003.3	0.00%	0.00%	5.35%	12.42%	0.00%	5.35%	7.07%	12.42%
		Sprinkler	0.0	0.0	0.0	0.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Irr Total		**3,832.7**	**4,691.9**	**4,965.6**	**4,993.6**	45.61%	57.36%	60.97%	61.81%	11.74%	3.61%	0.84%	16.20%
	NoIrr	Hay/Pasture	605.5	282.5	222.6	242.8	7.21%	3.45%	2.73%	3.01%	-3.75%	-0.72%	0.27%	-4.20%
		Multi-Use	3,964.2	3,205.9	2,956.4	2,842.3	47.18%	39.19%	36.30%	35.18%	-7.99%	-2.89%	-1.12%	-12.00%
	NoIrr Total		**4,569.7**	**3,488.5**	**3,179.0**	**3,085.1**	54.39%	42.64%	39.03%	38.19%	-11.74%	-3.61%	-0.84%	-16.20%
D14 Total			**8,402.4**	**8,180.4**	**8,144.7**	**8,078.6**								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
D15	Irr	Flood	3,955.0		6,153.0	6,101.5	63.63%	No Imagery	82.12%	81.51%		18.49%	-0.61%	17.88%
		Pivot	0.0		19.8	71.3	0.00%	No Imagery	0.26%	0.95%		0.26%	0.69%	0.95%
		Sprinkler	0.0		0.0	0.0	0.00%	No Imagery	0.00%	0.00%		0.00%	0.00%	0.00%
	Irr Total		**3,955.0**		**6,172.8**	**6,172.8**	63.63%	No Imagery	82.39%	82.46%		18.76%	0.08%	18.83%
	NoIrr	Hay/Pasture	456.1		13.1	13.1	7.34%	No Imagery	0.17%	0.17%		-7.16%	0.00%	-7.16%
		Multi-Use	1,804.3		1,306.5	1,299.5	29.03%	No Imagery	17.44%	17.36%		-11.59%	-0.08%	-11.67%
	NoIrr Total		**2,260.4**		**1,319.6**	**1,312.6**	36.37%	No Imagery	17.61%	17.54%		-18.76%	-0.08%	-18.83%
D15 Total			**6,215.4**		**7,492.3**	**7,485.3**								

			Year				% of Agricultural Area				Change Between Years			
Reach	Tier 3	Tier 4	1950	1976	2001	2011	1950	1976	2001	2011	1950-76	1976-01	2001-10	1950-2010
D16	Irr	Flood	4,631.0		8,513.0	8,492.4	44.22%	No Imagery	58.75%	59.13%		14.53%	0.38%	14.91%
		Pivot	0.0		0.0	0.0	0.00%	No Imagery	0.00%	0.00%		0.00%	0.00%	0.00%
		Sprinkler	0.0		0.0	0.0	0.00%	No Imagery	0.00%	0.00%		0.00%	0.00%	0.00%
	Irr Total		**4,631.0**		**8,513.0**	**8,492.4**	44.22%	No Imagery	58.75%	59.13%		14.53%	0.38%	14.91%
	NoIrr	Hay/Pasture	418.3		669.9	589.0	3.99%	No Imagery	4.62%	4.10%		0.63%	-0.52%	0.11%
		Multi-Use	5,422.9		5,307.6	5,280.7	51.78%	No Imagery	36.63%	36.77%		-15.16%	0.14%	-15.02%
	NoIrr Total		**5,841.2**		**5,977.5**	**5,869.7**	55.78%	No Imagery	41.25%	40.87%		-14.53%	-0.38%	-14.91%
D16 Total			**10,472.2**		**14,490.5**	**14,362.1**								

8 Appendix C: Acronyms

Acronym	Definition
AHZ	Avulsion Hazard Zone
CAMA	Computer Assisted Mass Appraisal
CEA	Cumulative Effects Assessment
CMZ	Channel Migration Zone
DOR	Department of Revenue
FLU	Final Land Use
HMZ	Historic Migration Zone
NAIP	National Agricultural Imagery Program
PFTL	Physical Features Timeline
RMA	Restricted Migration Area
TAC	Technical Advisory Committee
WRS	Water Resources Survey
YRCDC	Yellowstone River Conservation Districts Council

9 Appendix D: Montana Department of Revenue Property Type Codes used in the Cadastral and CAMA Datasets

Property Type

AR - AGRICULTURAL RURAL: Agricultural/Timber land located in unincorporated areas of the county.

AU - AGRICULTURAL URBAN: Agricultural/Timber land located within an incorporated area of the county.

CA - CENTRALLY ASSESSED: All property located in a county that is centrally assessed.

CR - COMMERCIAL RURAL: All commercial property located in unincorporated areas of the county.

CU - COMMERCIAL URBAN: All commercial property located within an incorporated municipality.

EP - EXEMPT PROPERTY: All parcels that have been granted an exemption. Included are Federal lands, State lands, City owned property, and properties which have been granted an exemption by the Department of Revenue for religious, charitable or educational uses.

FR - FARMSTEAD RURAL: Farmstead and associated land located in an unincorporated area of the county.

FU - FARMSTEAD URBAN: Farmstead and associated land located within a municipality.

IU - INDUSTRIAL URBAN: All industrial property located within an incorporated municipality.

IR - INDUSTRIAL RURAL: All industrial property located in unincorporated areas of the county.

KR - CONDOMINIUM RURAL: All condominiums located in unincorporated areas of the county.

KU - CONDOMINIUM URBAN: All condominiums located within an incorporated municipality.

LA - LOCALLY ASSESSED UTILITY PROPERTY

MC - MINING CLAIMS: All mining claims that are patented by the United States Government.

MR - MIXED USE RURAL: Property that has more than one use which is located in unincorporated areas of the county.

MU - MIXED USE URBAN – Property that has more than one use which is located in an incorporated municipality.

NV - NON-VALUED PROPERTY: This code is to only be used for Condominium Master Parcels.

OI - OILFIELD IMPROVEMENTS: All real property improvements on an oilfield site.

RR - RESIDENTIAL RURAL: All dwellings and mobile homes located in unincorporated areas of the county.

RU - RESIDENTIAL URBAN: All dwellings and mobile homes located within an incorporated municipality.

TP - TRIBAL PROPERTY: Property located within Indian Reservation boundaries and owned by the tribe.

TR - TOWNHOUSE RURAL: Townhouses located in unincorporated areas of the county.

TU - TOWNHOUSE URBAN: Townhouses located within an incorporated municipality.

VR - VACANT LAND RURAL: All vacant land located in unincorporated areas of the county.

VU - VACANT LAND URBAN: All vacant land located within an incorporated municipality.