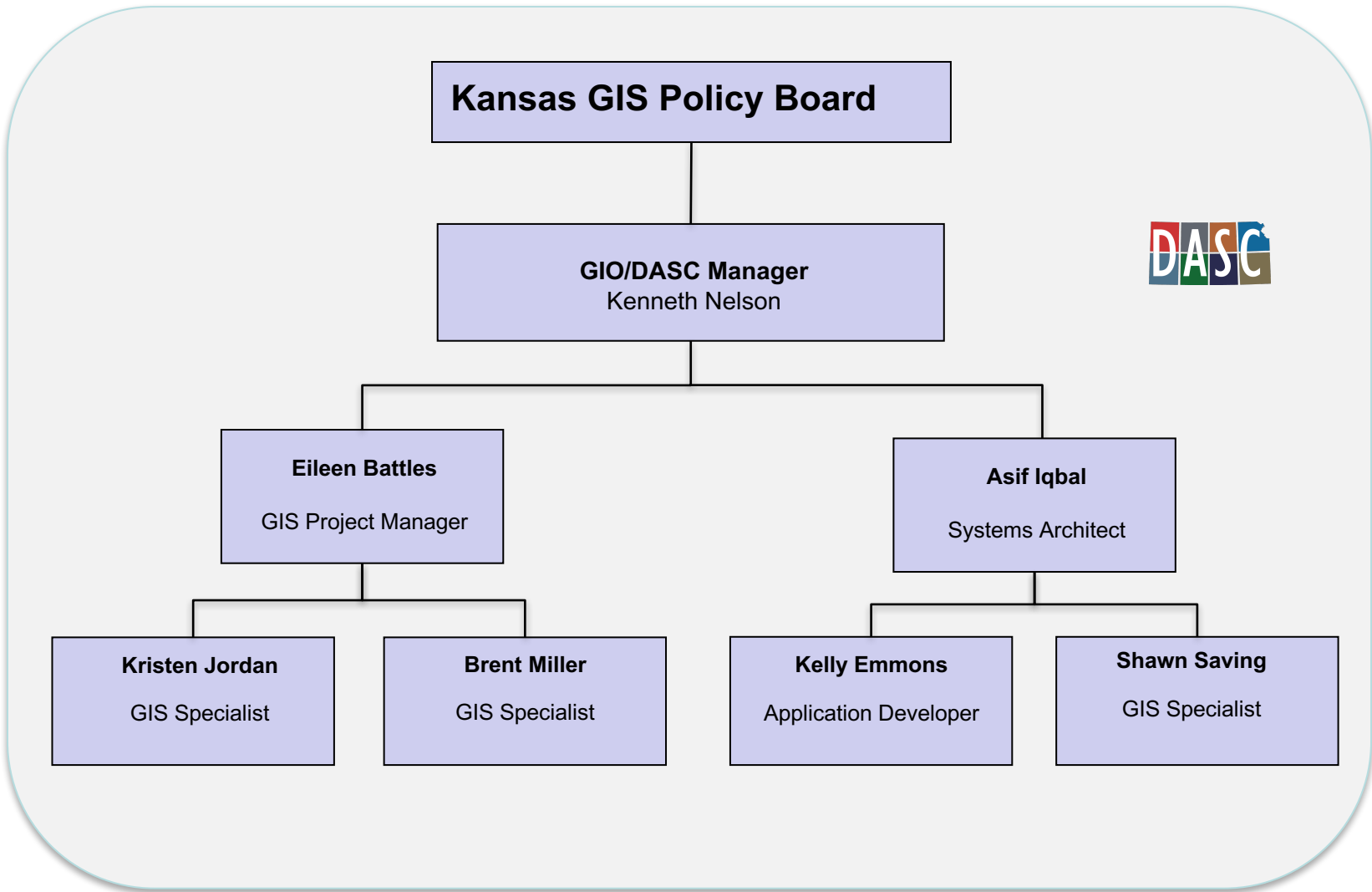


State of Kansas GIS Initiative

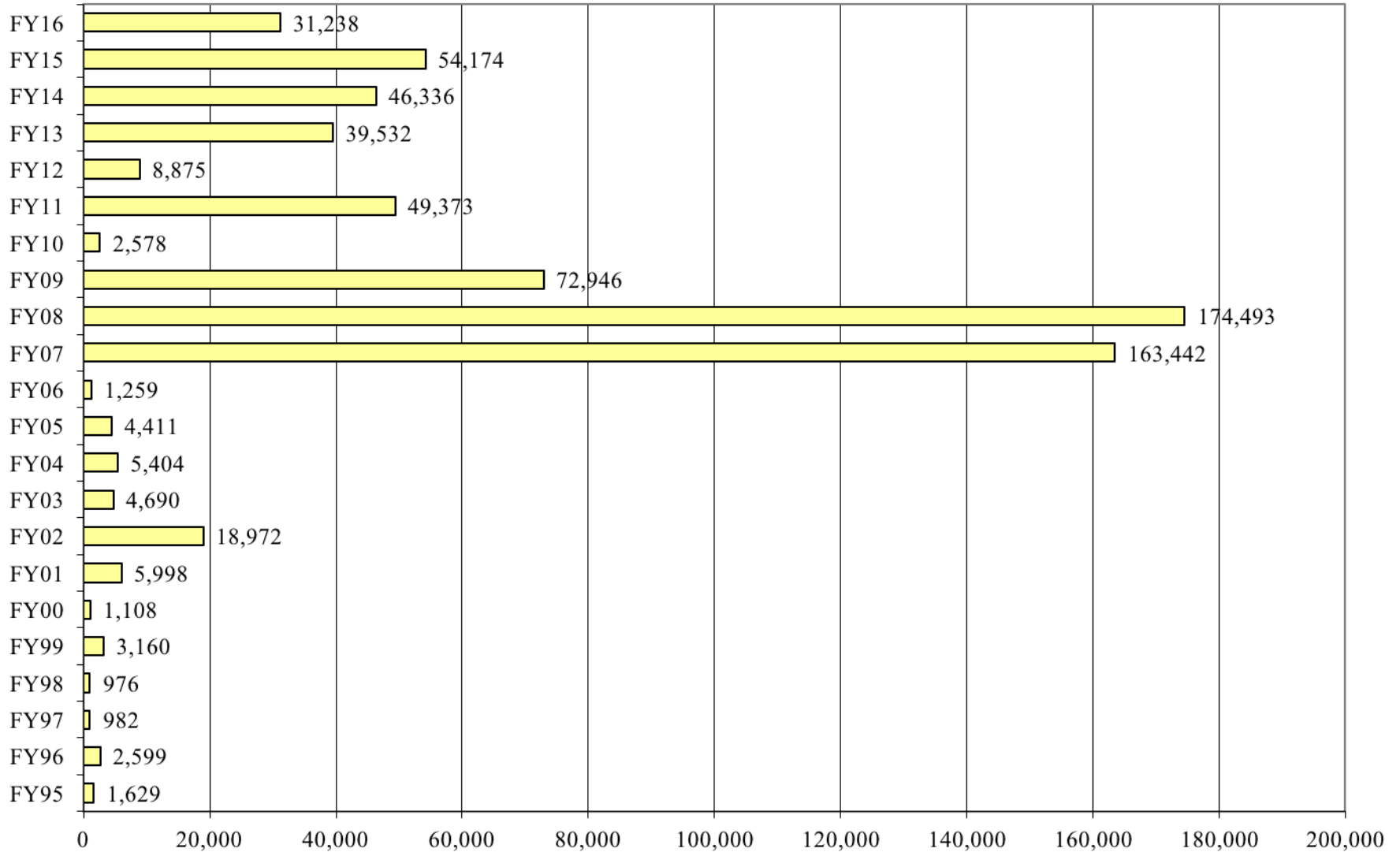
Kansas GIS Policy Board's Data Access & Support Center FY2016 Annual Report

Presentation outline

- Database Archival & Distribution Statistics
- Coordination & Outreach Activities
- Additional Initiatives
- Web Services
- Future Direction

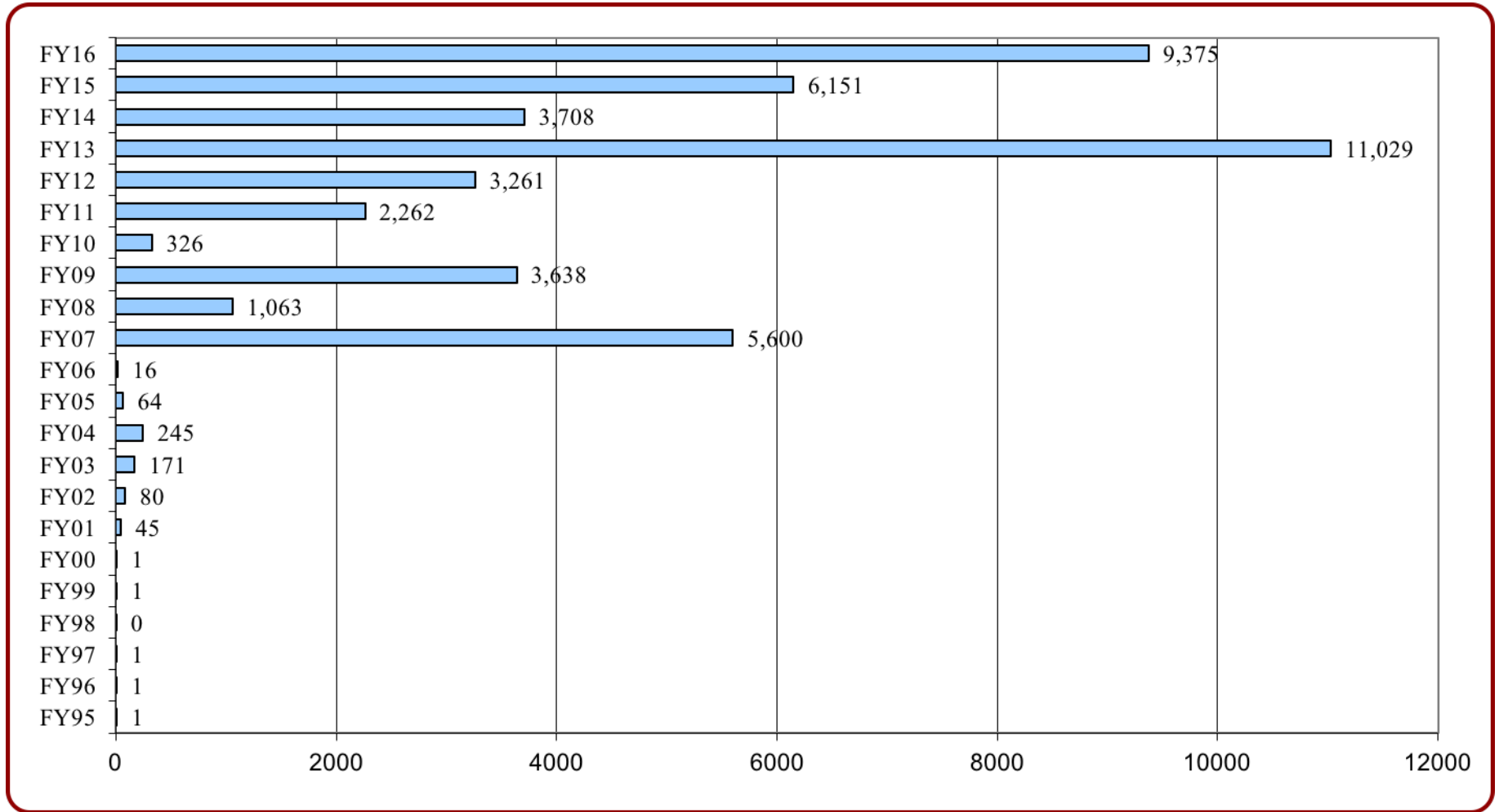


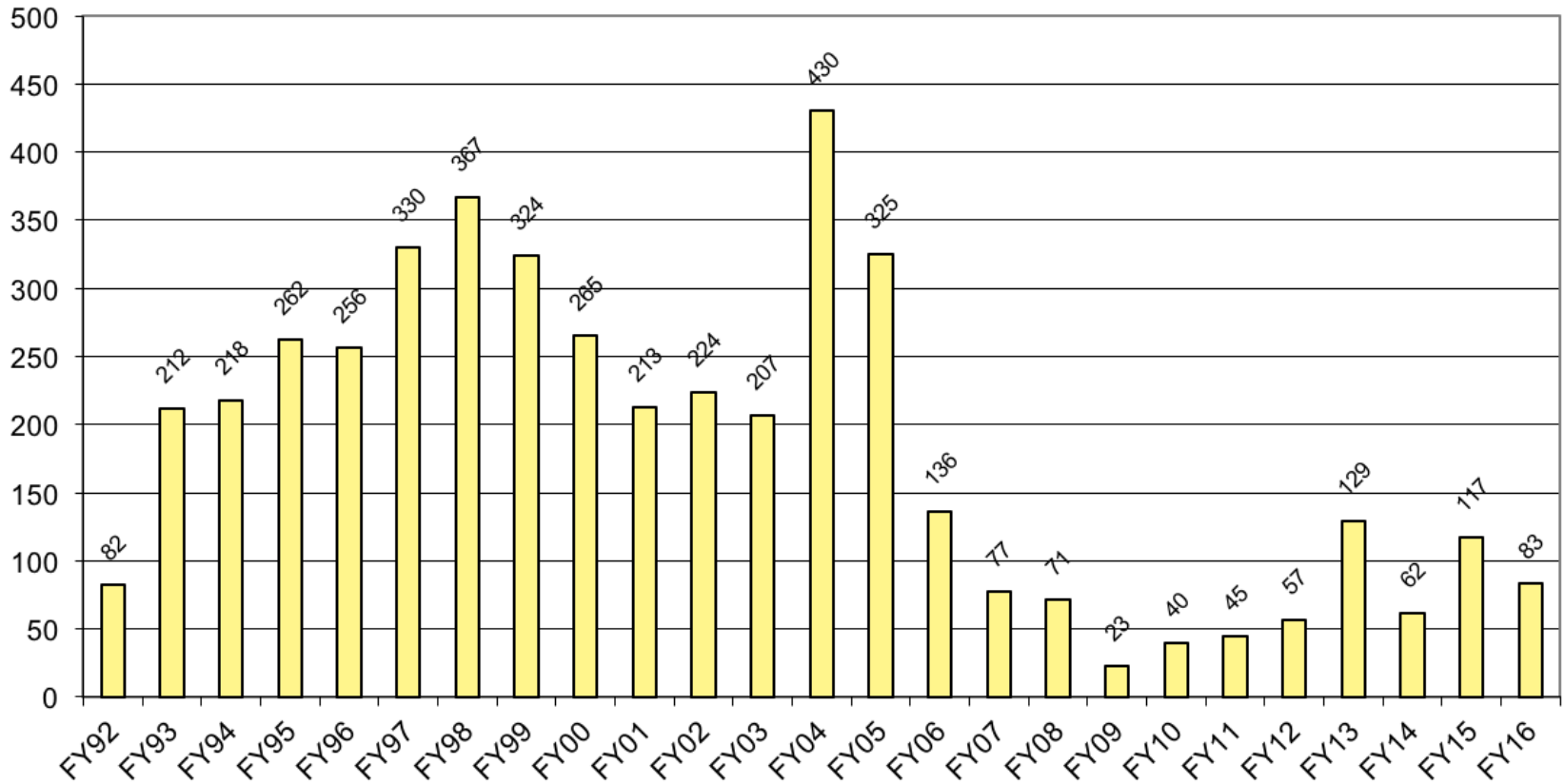
Database Deliveries to DASC – Number of Files

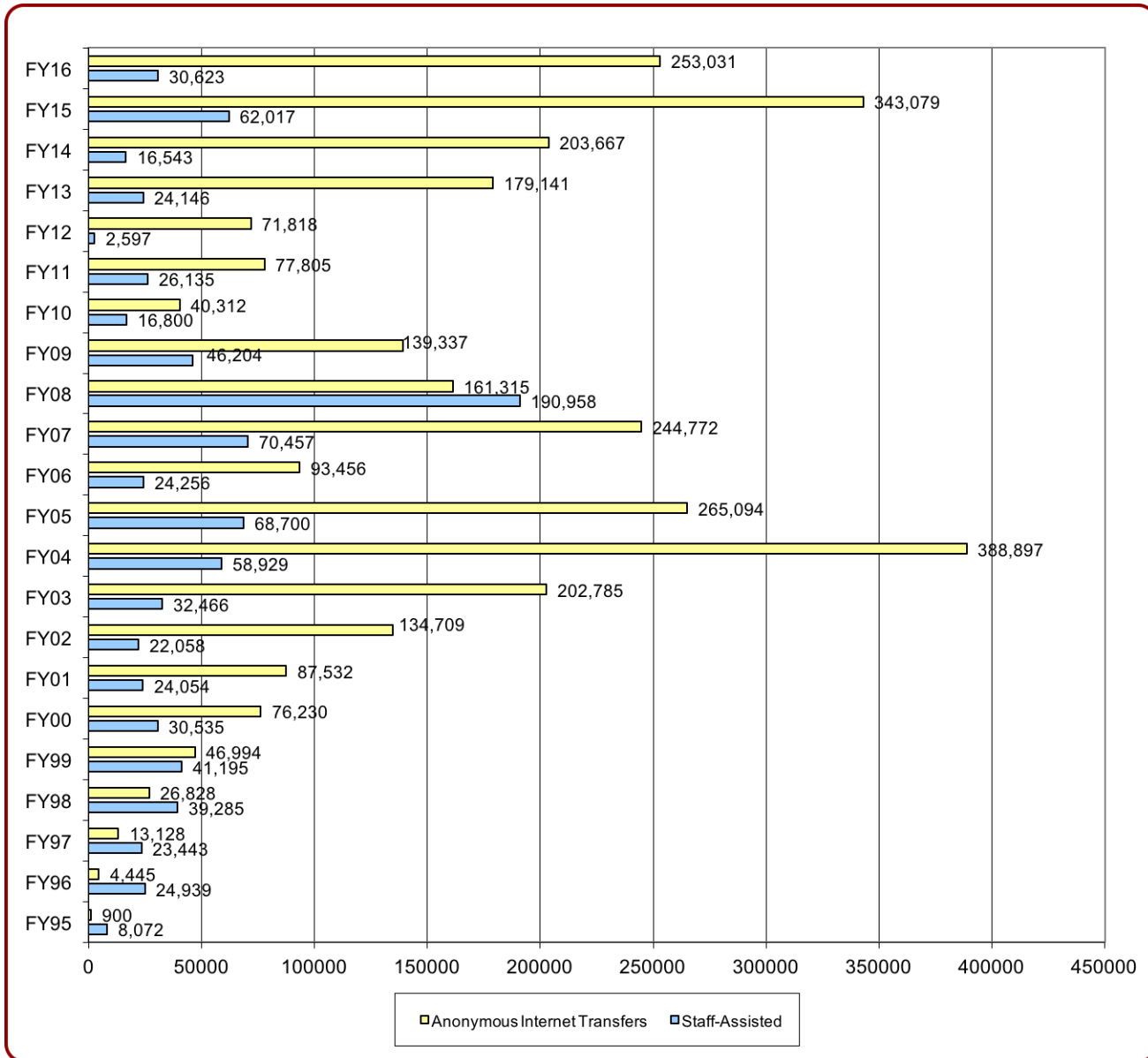


Database Deliveries to DASC – total file size delivered

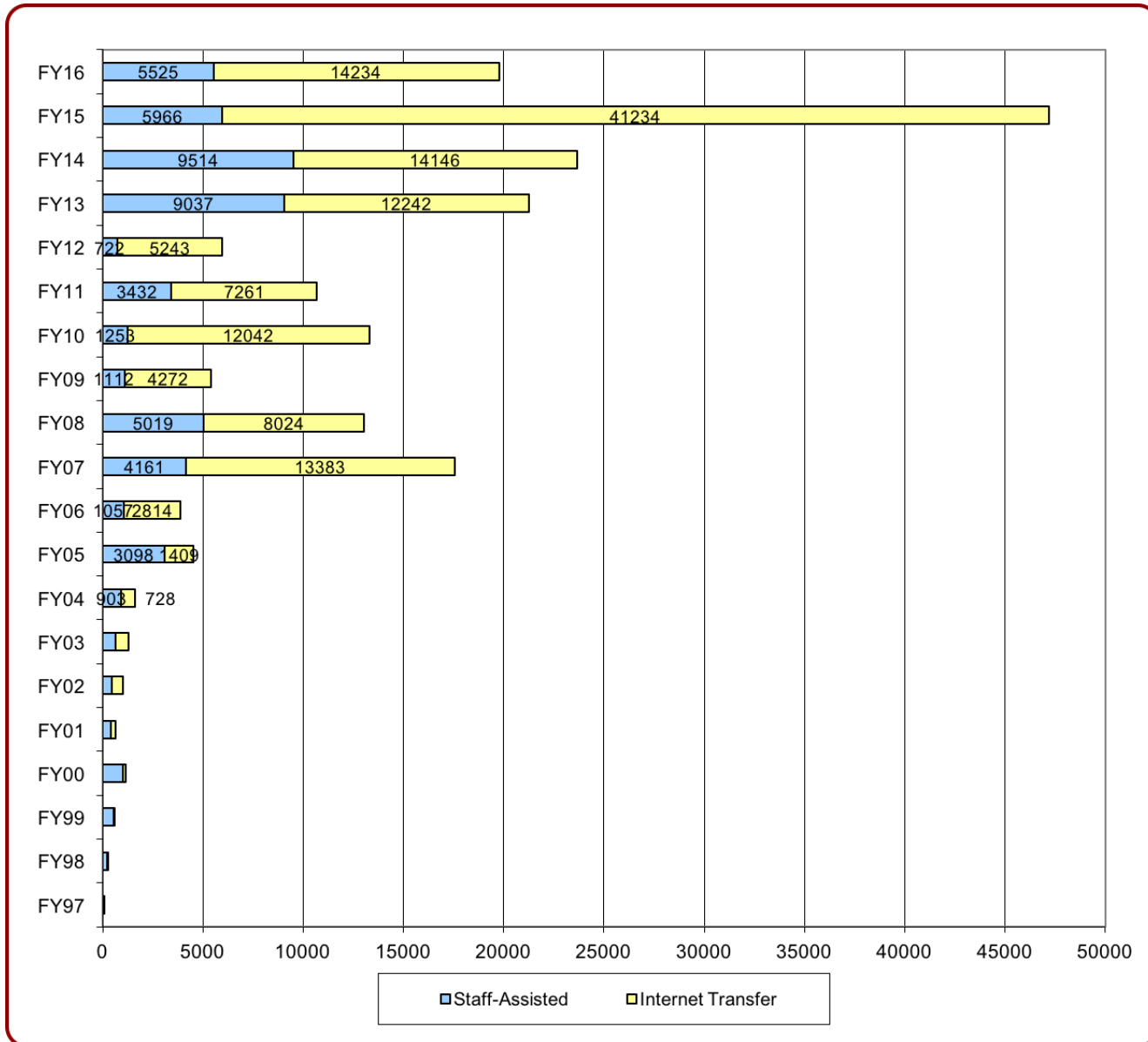
File size displayed in Gigabytes, 1,024 GB = 1TB







Total Gigabytes Delivered



DASC staff served on the following GIS-related committees throughout the year:

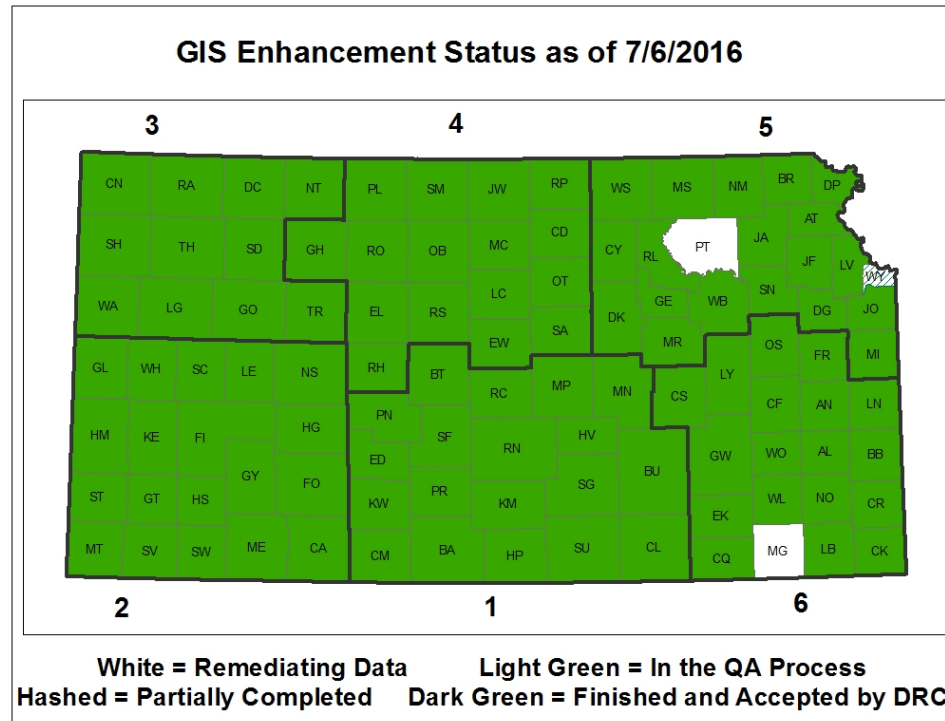
- Kansas Association of Mappers – 2015-2016 President & website administrator
- MidAmerica GIS Consortium:
 - 2015-16 Steering Committee member
 - 2015 Clearinghouse Summit – Planning Committee Chair
- ArcGIS User's Group – group coordination
- Elevation & Imagery Data Committee
- National States Geographic Information Council (NSGIC) State Representative
- Next Generation 911 (NG9-1-1)
 - Kansas 911 Council member (non-voting)
 - GIS Committee Chairperson & committee member
 - SIF Workgroup
 - GIS Data Review Committee
 - Technical Committee
 - Technical Security Subcommittee

Coordination & Outreach - Schedule of Events

Date	Event	Location
July 16, 2015	KDOT ARNOLD Pooled Fund Study Meeting	Topeka, KS
July 20-21, 2015	NG9-1-1 Vesta Locate Admin Training	Lawrence, KS
July 28, 2015	Kansas Association of Tax Representative (KATR) – Kansas Statewide Tax Unit Database presentation	Wichita, KS
July 30, 2015	MAGIC Clearinghouse Summit and State GIS program updates	Conference Call
July 31, 2015	“Introduction to GitHub” webinar presented in collaboration with MAGIC and MAGIC States Clearinghouse Summit by DASC, Arkansas Game & Fish Commission, and Arkansas GIS Office	Webinar
August 16-18, 2015	2015 MAGIC Clearinghouse Summit	Fayetteville, AR
August 19, 2015	NG9-1-1 - KDOT Conflation & Aggregation Pilot Project Data Review	Lawrence, KS
August 27, 2015	MAGIC Clearinghouse Summit and State GIS program updates	Conference Call
September 8-9, 2015	NG9-1-1 PSAP cut over to State Network – Cowley County	Winfield, KS
September 15-16, 2015	KDOR/Property Valuation Division, County Clerk Training - Kansas Statewide Tax Unit Database presentation	Garden City and Hays, KS
September 18, 2015	KDOR/Property Valuation Division, County Clerk Training - Kansas Statewide Tax Unit Database presentation	Salina, KS
September 22-24, 2015	KDOR/Property Valuation Division, County Clerk Training - Kansas Statewide Tax Unit Database presentation	Topeka, Wichita & Iola, KS
October 4-8, 2015	Kansas Association of Mappers (KAM) Annual Conference - NG9-1-1 Top 10 Things <u>GISers</u> Need <u>To</u> Know presentation	Wichita, KS
October 4-8, 2015	National States Geographic Information Council (NSGIC) Annual Conference	Kansas City, MO

Date	Event	Location
October 11-13, 2015	Kansas Association of Public Communications Officers (APCO)	Dodge City, KS
October 22, 2015	MAGIC Clearinghouse Summit and State GIS program updates	Conference Call
November 4, 2015	ArcGIS User Group Meeting	Topeka, KS
November 12, 2015	Traffic Record Coordinating Committee (TRCC) – Crash Mapper presentation	Topeka, KS
November 18, 2015	GIS Day - booth display	Lawrence, KS
December 2, 2015	KDHE Bureau Chief meeting – Data Sharing presentation	Topeka, KS
December 8, 2015	US Census Bureau State Partnership Projects	Webinar
January 28, 2016	US Census Bureau BAS Webinar	Webinar
February 11, 2016	Traffic Record Coordinating Committee (TRCC) – Crash Mapper demonstration	Topeka, KS
February 25, 2016	MAGIC Clearinghouse Summit and State GIS program updates	Conference Call
March 15, 2016	Association of Public Communications Officers (APCO) International Conference	Kansas City, MO
March 16, 2016	Natural Resources GIS Conference – presentation	Salina, KS
March 23, 2016	MAGIC Clearinghouse Summit and State GIS program updates	Conference Call
March 29-31, 2016	Kansas Rural Water Association (KRWA) Annual Conference	Wichita, KS
April 4, 2016	NG9-1-1 GIS Data Steward and Data Maintainer Training	Wichita, KS
April 7, 2016	EVRS560 class presentation at KU – Statewide GIS Initiatives	Lawrence, KS
April 11-13, 2016	Kansas Association of Public Communications Officers (APCO) Fall Conference – Vesta Locate User Group presentation	Topeka, KS
April 24-28, 2016	2016 Mid-America GIS Consortium Conference – Kristen Short Course, State of the State Clearinghouse presentation, Kansas NG9-1-1 presentation, and The Quest for the Elusive City Boundary-US Census Partnership presentation	Overland Park, KS
April 26, 2016	US Census, Preparation for the 2020 Census, Kansas Legislative Research Department	Topeka, KS
May 3, 2016	NG9-1-1 GIS Data Steward and Data Maintainer Training	Garden City, KS
May 12, 2016	Traffic Record Coordinating Committee (TRCC) – Crash Mapper demonstration	Topeka, KS
June 7, 2016	NG9-1-1 GIS Data Steward and Data Maintainer Training	Hays, KS
June 23, 2016	NG9-1-1 GIS Data Steward and Data Maintainer Training	Manhattan, KS
June 27 – July 1, 2016	Esri International Users Conference	San Diego, CA

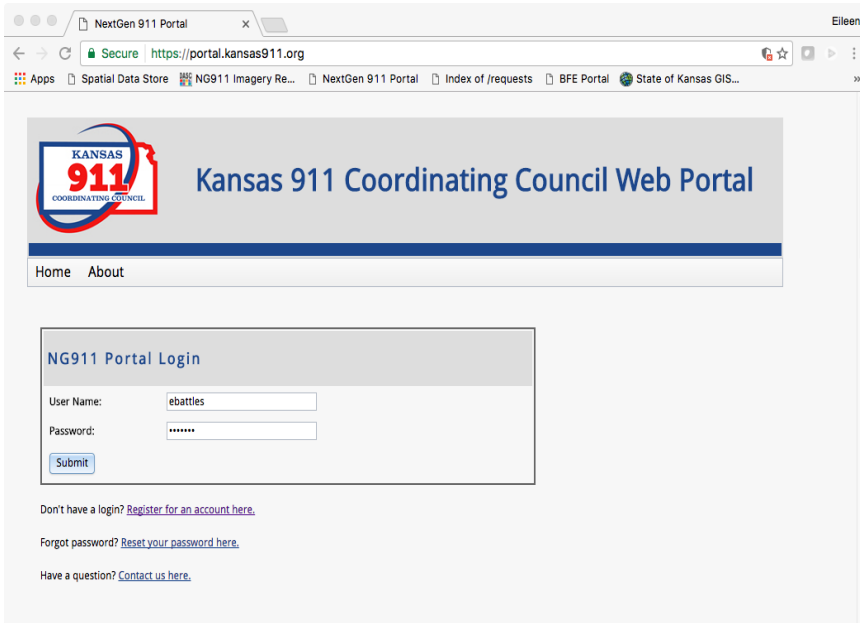
- Gap Analysis & Remediation Project has delivered statewide, standardized, and authoritative:
 - Road centerlines, Address points, Emergency Service Boundaries (police, fire, medical, other)
 - High-resolution orthoimagery
- Statewide imagery deployment, Network Attached Storage (NAS) box deployment
- Standards and policy development
 - GIS Data Model, Governance Policy, Strategic Plan, Data Submission Escalation Policy



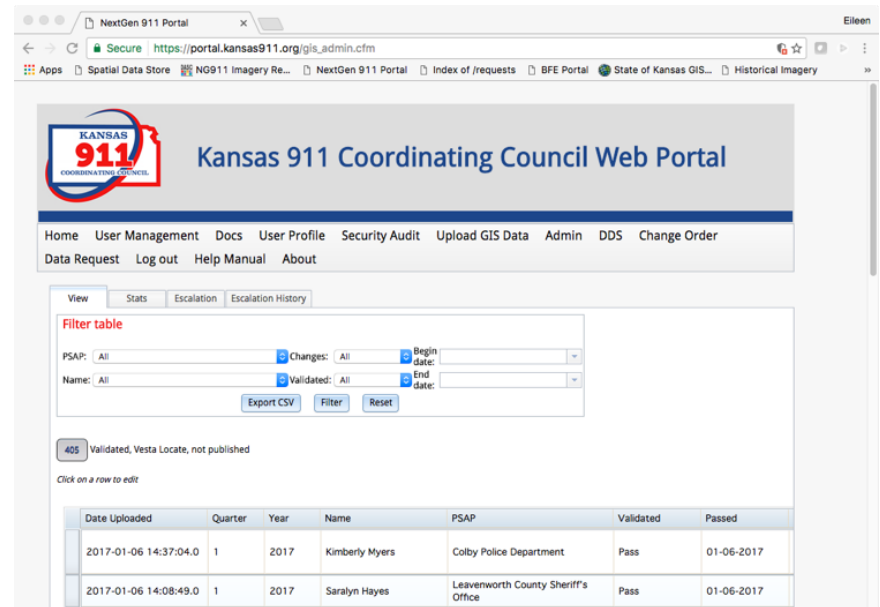
NG911 Program Portal has become the centralized location for all content, documents, and data:

- User profile & management
- GIS Data Submission
- PSAP Security Audit
- PSAP Expenditure Reporting
- Change Order Request
- Data Request

Login page

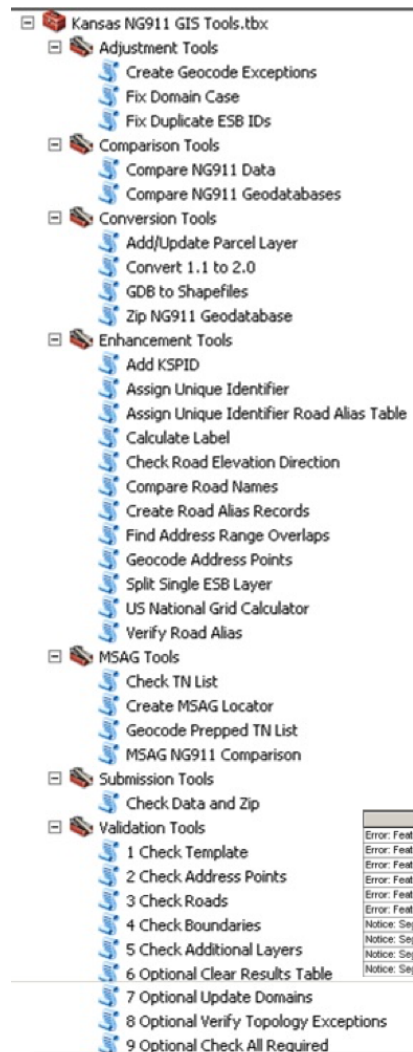


GIS Data Submission Module



NG911 GIS Toolbox provides a standardized set of tools to ensure data quality & consistency:

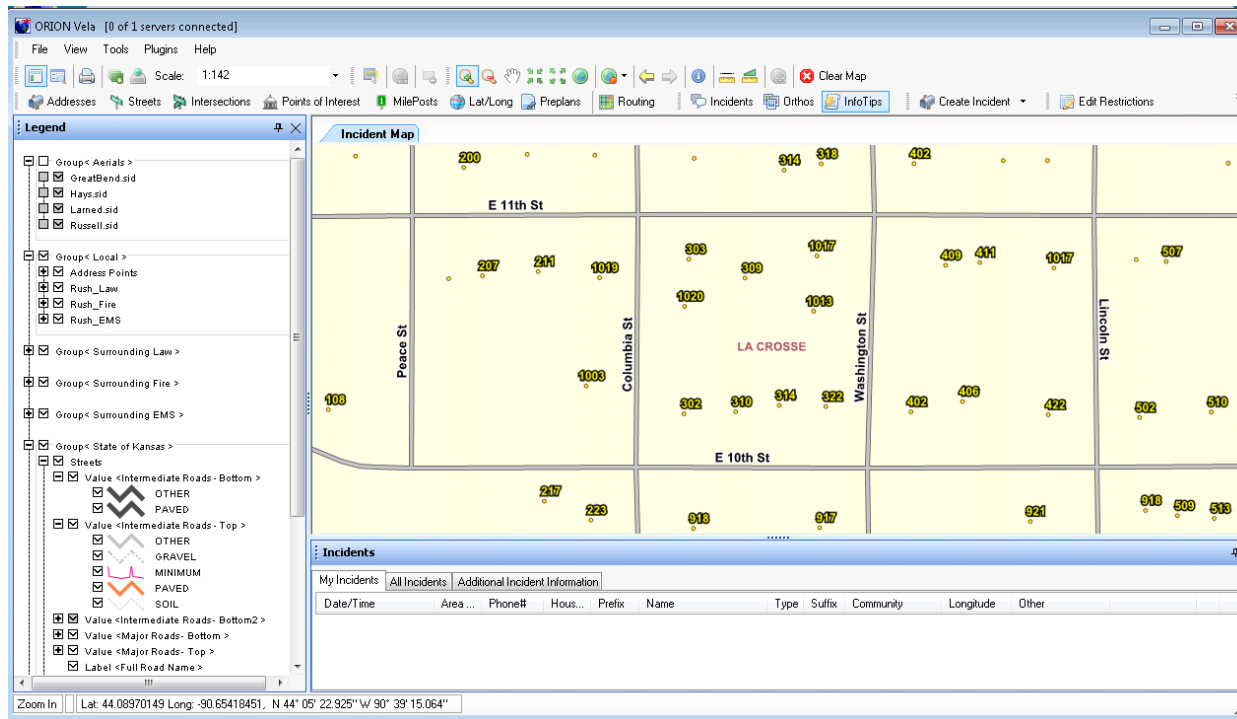
- Comparison Tools
- Conversion Tools
- Enhancement Tools
- MSAG Tools
- Submission Tools
- Validation Tools



DESCRIPTION	LAYER	FIELD	FEATUREID *
Error: Feature not inside authoritative boundary	Hydrants		14813183744690
Error: Feature not inside authoritative boundary	Hydrants		14813183744699
Error: Feature not inside authoritative boundary	Hydrants		14813183744712
Error: Feature not inside authoritative boundary	Hydrants		14813183744756
Error: Feature not inside authoritative boundary	Hydrants		14813183744758
Error: Feature not inside authoritative boundary	Gates		148123031719
Notice: Segment's address range is from high to low instead of low to high	RoadCenterline		RLC00467
Notice: Segment's address range is from high to low instead of low to high	RoadCenterline		RLC00468
Notice: Segment's address range is from high to low instead of low to high	RoadCenterline		RLC00469
Notice: Segment's address range is from high to low instead of low to high	RoadCenterline		RLC00472

DASC creates & publishes the map templates for the hosted call handling solution:

- 130 map templates were published during FY2016
- Map templates include road centerlines, address points, emergency service boundaries, statewide imagery, and other base map features
- The underlying data utilized by the map templates is updated on a regular basis



- Collaborative effort with Kansas Department of Revenue (KDOR)/Property Access Valuation Division (PVD) & County Clerks
- Develop statewide, authoritative database of tax unit boundaries
- County Clerks go through an annual tax unit certification process with KDOR...DASC facilitates the collection and integration of the geospatial component of the data
- V2011, v2012, v2013, v2014, v2015 databases published, and v2016 in-progress

The screenshot displays two software applications side-by-side. On the left is Microsoft Excel with a spreadsheet titled '2013_PVD090413'. The spreadsheet has columns A through D, with rows 101 through 125. The data in the spreadsheet is as follows:

	A	B	C	D
101	57	173	408	R
102	57	174	408	R
103	57	175	408	R
104	57	185	398	R
105	57	186	398	R
106	57	187	398	R
107	57	188	398	R
108	57	189	398	R
109	57	190	408	R
110	57	195	373	R
111	57	196	373	R
112	57	197	398	R
113	57	198	398	R
114	57	199	398	R
115	57	200	398	R
116	57	202	410	R
117	57	203	410	R
118	57	204	410	R
119	57	205	410	R
120	57	206	410	R
121	57	208	411	R
122	57	209	411	R
123	57	210	411	R
124	57	211	411	R
125	57	212	411	R

On the right is the ArcGIS interface showing a map of tax unit boundaries. A 'Table' window is open, displaying the following data:

FID	Shape	TAXUMIT	FIPSSTCO	C	CERT_DATE	STTU_KDOR	STATED	REPORT2013
88	Polygon	199	20115	M	12/13/2012	KS057TU199	057	Changes
49	Polygon	200	20115	M	12/13/2012	KS057TU200	057	Changes
86	Polygon	201	20115	M	12/13/2012	KS057TU201	057	Changes
55	Polygon	202	20115	M	12/13/2012	KS057TU202	057	Changes
65	Polygon	203	20115	M	12/13/2012	KS057TU203	057	Changes
120	Polygon	204	20115	M	12/13/2012	KS057TU204	057	Changes
150	Polygon	205	20115	M	12/13/2012	KS057TU205	057	Changes
127	Polygon	206	20115	M	12/13/2012	KS057TU206	057	Changes
33	Polygon	208	20115	M	12/13/2012	KS057TU208	057	Changes
62	Polygon	209	20115	M	12/13/2012	KS057TU209	057	Changes
130	Polygon	210	20115	M	12/13/2012	KS057TU210	057	Changes
121	Polygon	211	20115	M	12/13/2012	KS057TU211	057	Changes

Certified tax units table (Excel) & tax unit boundaries (ArcGIS)

The screenshot shows the 'Tax Unit Boundary Certification' web portal. The page title is 'Tax Unit Boundary Certification'. The main content area contains the following text:

KDOR, Division of Property Valuation
Beginning in 2011, the annual Tax Unit Certification process will integrate an online map for tax unit verification. Do not send a paper map to KDOR/PVD, instead follow the steps below.
This online submission will serve as a replacement to the paper map certified to PVD.
Please complete all fields.

Certification Year:

First and Last Names:

Email:

County:

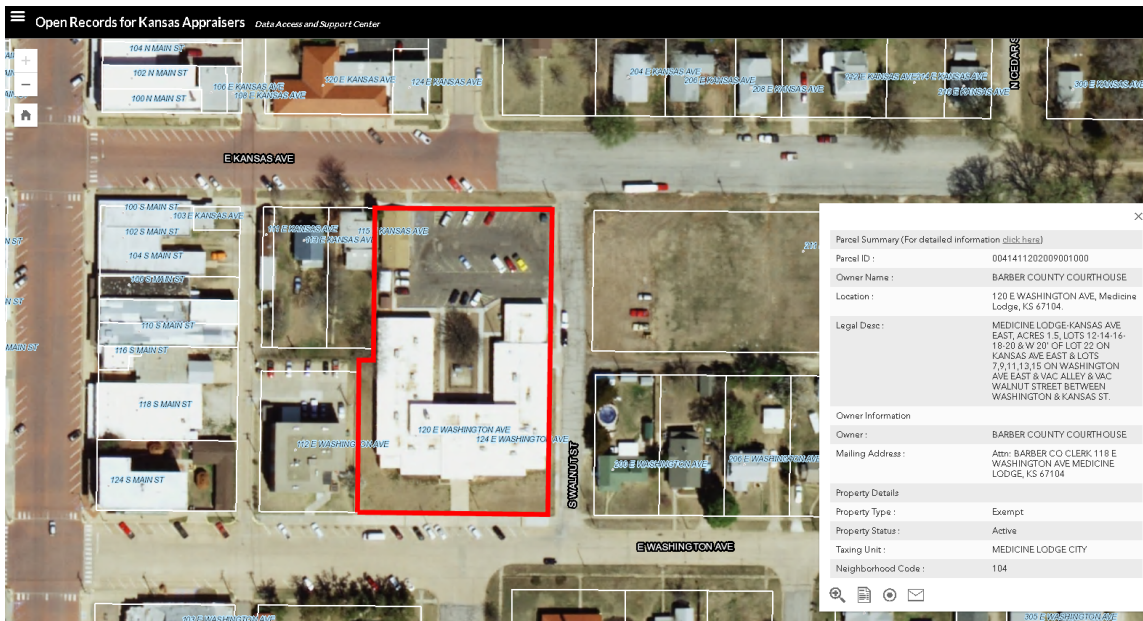
Help:
Use the +/- on the left side of the map to zoom in or out.
Zoom in to view more detail.
Click, grab, and release map to pan.
Questions? Email or call Brent Miller or Eileen Balfes at 785-864-2000.

The bottom of the page features a map titled 'Streets © 2014 Imagery Tax Units Only' showing a grid of tax units overlaid on a satellite map. The tax units are labeled with numbers such as 020, 021, 022, 023, 024, 025, 026, 027, 028, 029, 030, 031, 032, 033, 034, 035, 036, 037, 038, 039, 040, 041, 042, 043, 044, 045, 046, 047, 048, 049, 050, 051, 052, 053, 054, 055, 056, 057, 058, 059, 060, 061, 062, 063, 064, 065, 066, 067, 068, 069, 070, 071, 072, 073, 074, 075, 076, 077, 078, 079, 080, 081, 082, 083, 084, 085, 086, 087, 088, 089, 090, 091, 092, 093, 094, 095, 096, 097, 098, 099, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

Tax unit boundary certification web portal

- Collaborative effort with KDOR/PVD & county appraisers
- Web-based application that allows viewing of property ownership (parcel) maps with property appraisal data
- County determines if site is public or password-restricted
- New version of application under development (county & statewide) during FY2016

ORKA v4.0 – desktop browser



ORKA v4.0 – mobile



- Collaborative effort with KDA, KGS, & DASC...w/funding from Kansas Water Plan & GIS Policy Board
- Develop online water use reporting system
- Iterative development model...most popular modules brought online first. Application now supports reporting for all 14 beneficial uses of water.
- Provides migration path from paper-based reporting system
- Utilization:
 - 2013 – 251 reports filed online
 - 2014 – 1,127 reports filed online
 - 2015 – 1,881 reports filed online
 - 2016 (current reporting year) – 311 reports received in 9 reporting days

Module #	Module Name	Implementation Phase
1	Artificial Recharge	Version 2
2	Contamination remediation	Version 2
3	Dewatering	Version 2
4	Domestic	Version 2
5	Fire protection	Version 2
6	Industrial	Version 2
7	Irrigation	Version 3
8	Municipal	Version 3
9	Recreation	Version 2
10	Sediment Storage	Version 2
11	<u>Stockwater</u>	Version 2
12	Thermal Exchange	Version 2
13	Hydraulic Dredging	Version 1
14	Water Power	Version 1

2011 IRRIGATION WATER USE REPORT

This is the annual Water Use Report required to be filed for all Vested or Appropriation Rights. IMPORTANT: Kansas Law requires this completed report to be filed by March 1. Failure to do so will subject the owner to a civil fine not to exceed \$500 per file number. If any point of diversion shown below is permanently inoperable, please circle it. IF YOU DID NOT USE WATER, YOU MUST REPORT THE REASON FOR NON-USE TO HELP PROTECT YOUR WATER RIGHT. Information on each point of diversion must be completed. Please begin by reading the attached instructions and definitions.

FILE NUMBER	LEGAL DESCRIPTION OF POINT(S) OF DIVERSION				ACRES IRR.	INCLUDE MULTIPLICATION FACTOR			UNIT	HOURS PUMPED	PUMP RATE (GPM)	CROP CODE	TYPE OF SYSTEM	TYPE OF ENERGY	WELL DATA	
	QUALIFIERS	SEC TWP RING	CIN	COM		BEGINNING WATER METER READING	ENDING WATER METER READING	METERED QUANTITY OF WATER							DEPTH TO WATER	DATE MEASURED
9781-00	NC SE	27-23S-13W	1	4 M	130	49,641,200	13,444,600	63,800,400	G			2	4	Δ	20-3	2-12
12868-00	1320N 3950W AKA: WELL #11	33-24S-12W	1		180	41,262,900	87,933,100	46,670,200	G			2	4	Δ	24-6	2-11
16623-00	3980N 1320W AKA: WELL #1	34-23S-13W	1	4	130	40,210,900	09,817,300	69,406,400	G			2	4	Δ	17-8	2-12
16853-00	1320N 3960W AKA: 5 YR ALLOCATION - WELL #2	27-23S-13W	2	4	90	477,889	643,361	165,472	A			2	4	Δ	21-9	2-12
17939-00	3880N 2810W AKA: 80' S ORIG WELL	34-24S-12W	4	4		See File	22,579 MI	11,483 FT ³				2	4	Δ		
18071-00	3980N 1308W	28-28S-11W	1	4	130	62,500,300	40,629,600	78,129,300	G			2	4	Δ	43-1	2-12
19430-00	3940N 3960W	29-23S-14W	1	4	130	54,476,300	09,192,300	54,716,000	G			2	4	Δ	26-11	2-12
19431-00	3980N 1320W	29-23S-14W	2	4	130	28,170,400	19,744,200	91,573,800	G			2	4	Δ	24-10	2-12

CALENDAR YEAR: 11 4394 1 1 - IRR Staff SF 05 67 1028

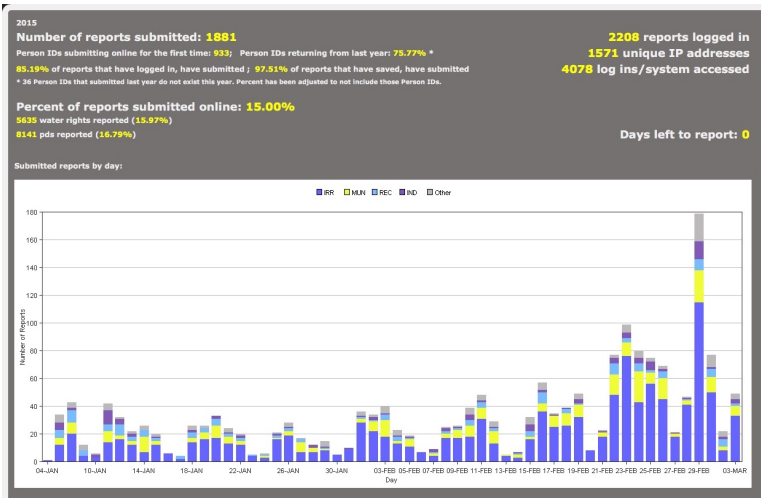
FIELD OFFICE: CO GMD

WATER RESOURCES RECEIVED: MAR 0 1 2012

SIGNATURE: DATE

CIRCLE ONE: OWNER AGENT TENANT

KS DEPT OF AGRICULTURE



Kansas Annual Water Use OnLine Reporting System

Water Use List | Print Report | View Report | Instructions | Terms and Definitions | Change Address | Log out

Irrigation Report

Point of Diversion	Irrigation	Quantity	Well Depth (ft)	Depth Water
3154-00 3340'N 910'W 9-20-33W NW SE NE C1M: 1 IRR REVERTED BACK TO ORIGINAL W Alias?	Acres: <input type="text"/> Energy Type: Electricity Is chemigation planned for next year? <input type="radio"/> Yes <input checked="" type="radio"/> No Crop(s): <input type="text"/> System Type: <input type="text"/>	Report Water Usage: <input type="text"/>	<input type="text"/>	<input type="text"/>

Was point of diversion used during the past year? Yes No

Kansas Annual Water Use OnLine Reporting System

Water Use List | Print Report | View Report | Instructions | Terms and Definitions | Change Address | Log out

Irrigation Report

Point of Diversion	Irrigation	Quantity	Well Depth (ft)	Depth Water
3154-00 3340'N 910'W 9-20-33W NW SE NE C1M: 1 IRR REVERTED BACK TO ORIGINAL W Alias?	Acres: <input type="text"/> Energy Type: Electricity Is chemigation planned for next year? <input type="radio"/> Yes <input checked="" type="radio"/> No Crop(s): <input type="text"/> System Type: <input type="text"/>	Report Water Usage: <input type="text"/>	<input type="text"/>	<input type="text"/>

Was point of diversion used during the past year? Yes No

If you grew crops on your land last year, check the appropriate crops:

<input type="checkbox"/> Alfalfa	<input type="checkbox"/> Corn	<input type="checkbox"/> Sorghum (Milo)	<input type="checkbox"/> Soybeans
<input type="checkbox"/> Wheat	<input type="checkbox"/> Oats	<input type="checkbox"/> Barley	<input type="checkbox"/> Rye
<input type="checkbox"/> Dry Beans	<input type="checkbox"/> Sunflowers	<input type="checkbox"/> Athletic Field	<input type="checkbox"/> Golf Course
<input type="checkbox"/> Truck Farm	<input type="checkbox"/> Orchard	<input type="checkbox"/> Nursery	<input type="checkbox"/> Pasture
<input type="checkbox"/> Cotton	<input type="checkbox"/> Sod/Turf Grass	<input type="checkbox"/> Grapes	<input type="checkbox"/> Other

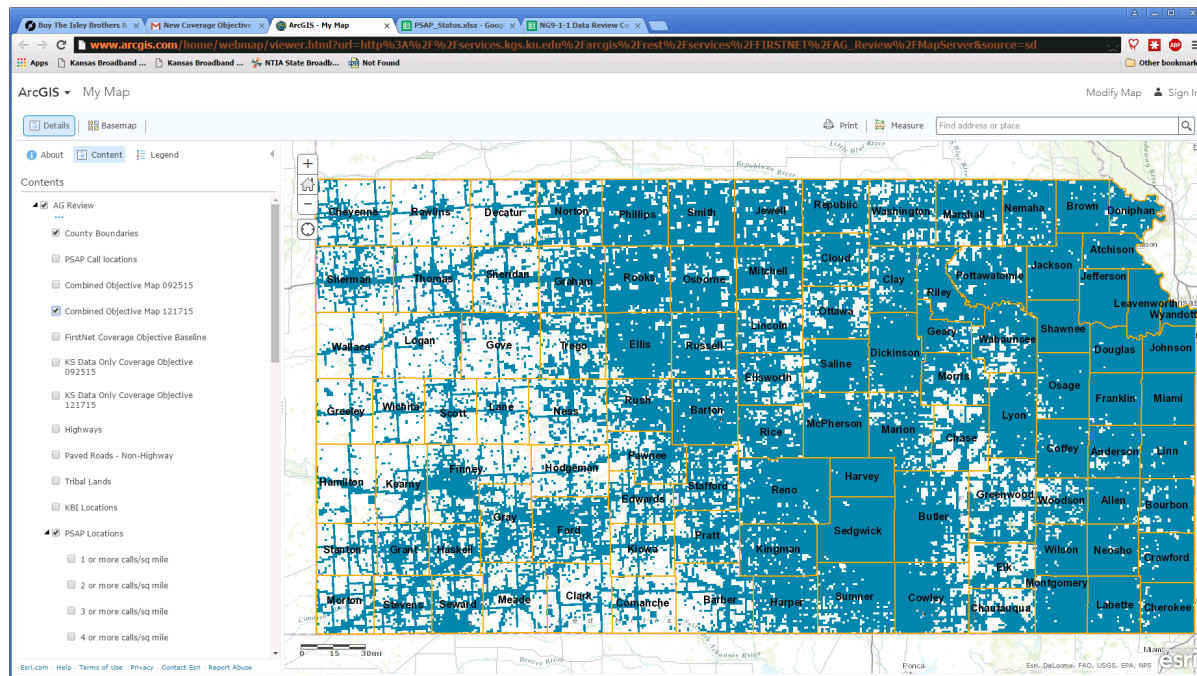
Double Crop? Yes No

Part B: Monthly Water Use Summary (Report Year "2015")

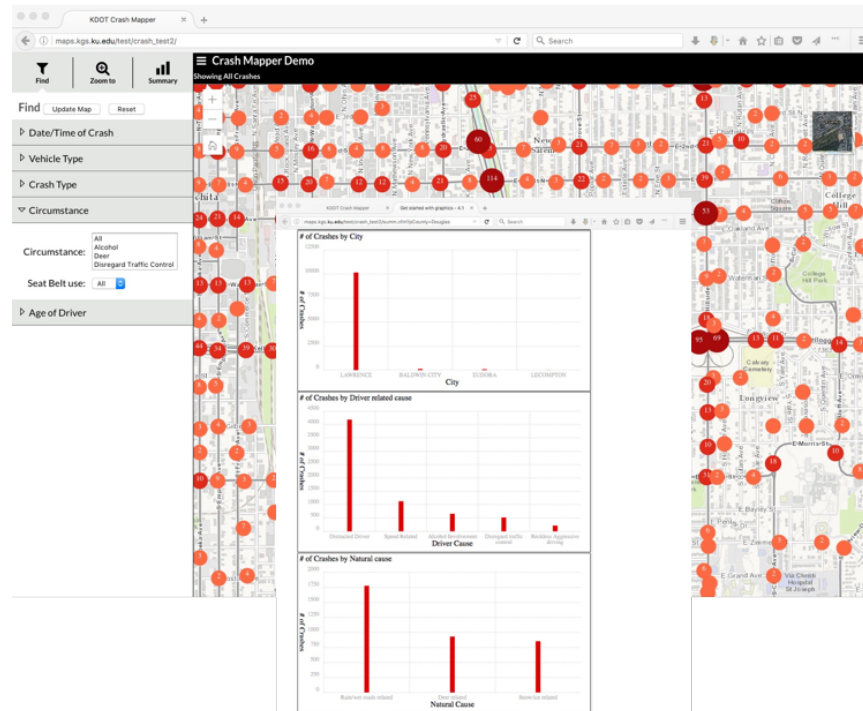
Report all amounts in units of **1000 gallons**

	Column 1 Raw Water Diverted	Column 2 Water Purchased From All Sources	Column 3 Water Sold to Public Suppliers	Column 4 Water Sold to Industrial, Stock Bulk Customers	Column 5 Water Sold to Residential and Commercial Customers	Column 6 Metered Water Provided Free	Column 7 Unaccounted for Water (will be calculated)	Column 8 % of Unaccounted for Water (will be calculated)
Jan								
Feb								
Mar								
Apr								
May								
Jun								
Jul								
Aug								
Sep								
Oct								
Nov								
Dec								

- FirstNet is an independent authority within the NTIA, requirement to provide emergency responders with the first high-speed wireless broadband network dedicated to public safety
- DASC collaborated with the the Adjutant General’s Department to review and provide feedback FirstNet’s initial coverage map
- Incorporated multiple state/local datasets to improve national coverage objective – PSAP calls for service, fire response locations, critical infrastructure, crash locations, tribal lands, paved roads, addressable structures
- Adjutant General’s Department – Public Safety Broadband Outreach Coordinators reviewed proposed map revisions with local jurisdictions
- Provided updates to FirstNet in September and December, 2015



- Collaborative effort with the Traffic Records Coordinating Council (TRCC) and the Kansas Department of Transportation (KDOT)
- Two-phase project:
 - Location of crash records provided by local jurisdictions to KDOT
 - Development of web-based mapping application & custom reporting tool (REST endpoint)
- Custom address standardization and cleanup routines developed to improve geocoding results
- Leveraging NG911 road centerline data



- Collaborative effort with the Kansas Department of Revenue (KDOR)
- In Kansas, as in many other states, retailers must use destination-based sourcing rules to correctly identify the local sales tax to charge on a retail sales transaction(source - www.ksrevenue.org/sstpoverview.html).
- Under the destination-based sourcing rules, sales generally are sourced to the location where the purchaser receives the item sold. Retailers who ship or deliver sold items to their customers' locations are required to collect the local sales tax in effect where delivery is made (source - www.ksrevenue.org/sstpoverview.html).
- DASC's role in the project is to:
 - Produce quarterly updates to Kansas "rates and boundaries" database
 - Publish and maintain sales tax lookup web services (REST & SOAP)
 - Publish and maintain sales tax portal



Applications hosted during FY2016:

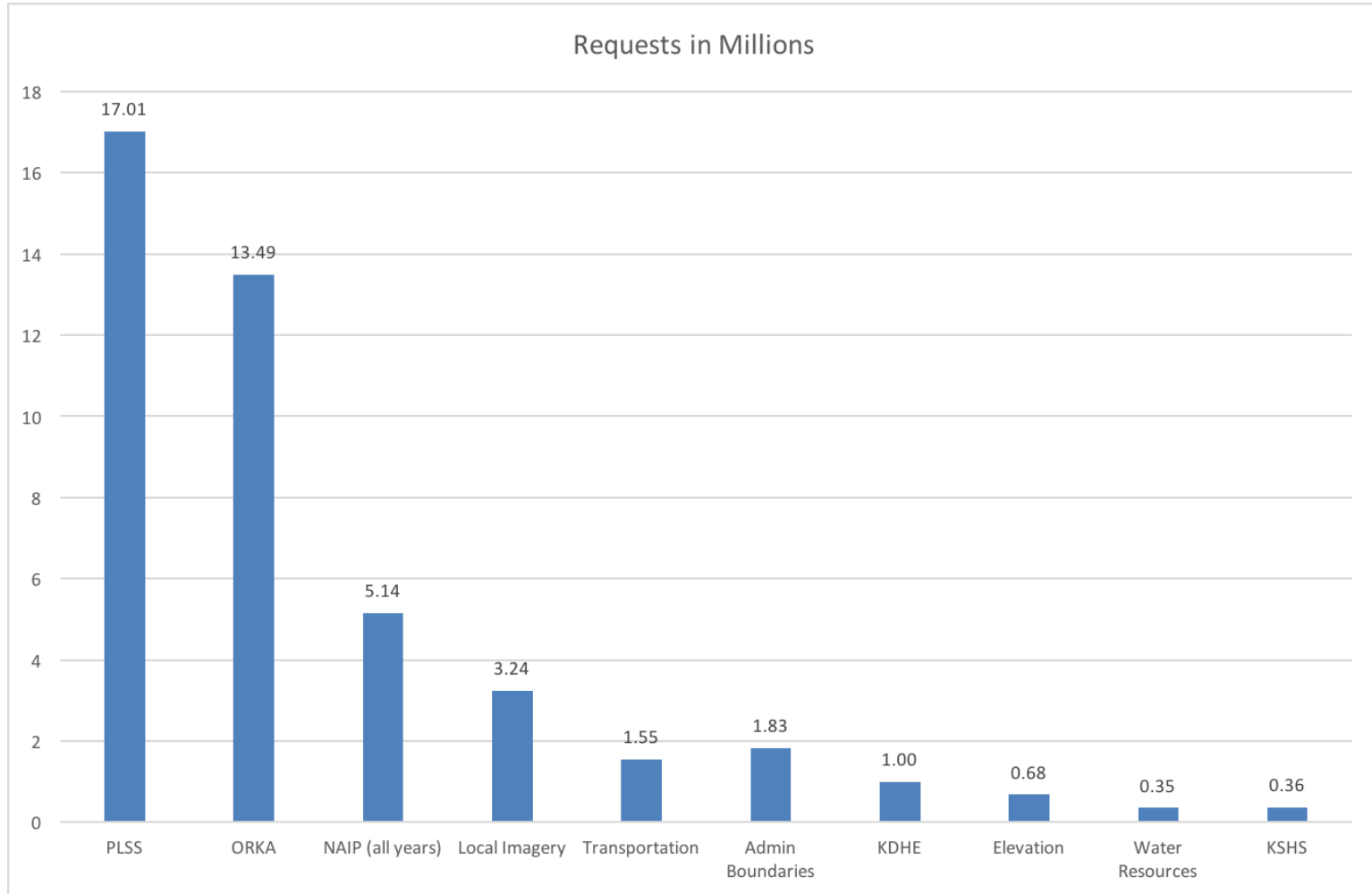
- Kansas NG911 Program Portal – Kansas 911 Coordinating Council
- Open Records for Kansas Appraisers (ORKA) – KDOR
- Streamlines Sales Tax Database & Web Services – KDOR
- Historical Property Inventory – Kansas State Historical Society (KSHS)
- Archeological Sites Inventory - KSHS
- Fish & Wildlife Contracts and Reporting application – Kansas Department of Wildlife, Parks, & Tourism
- Map service hosting for KDHE public applications
- Database & Content Management System (CMS) - Northeast Kansas Environmental Services (NEKES)

Applications under development/enhancement during FY2016:

- Kansas Water Use Report – KDA & KGS
 - Public release for 2017 reporting period
 - Application enhancements based on user input
 - Enhance to executive dashboard
- ORKA v4.0
 - Local and statewide application versions
- Crash Mapper – TRCC/KDOT
- NG911 Program Portal – Kansas 911 Coordinating Council
- KWO Public Water Supply (PWS) Mapping Portal

Map Service Statistics – Top 10 map services

During FY2016, DASC hosted over 350 map services that received over 40 million requests



Kansas GIS Initiative Strategic Planning:

- Updated strategic plan focusing on primary components of the Kansas GIS Initiatives, including, but not limited to:
 - Kansas GIS Policy Board, Technical Advisory Committee, and TAC Data Committees
 - Kansas One Map
 - DASC

Esri Enterprise License Agreement (ELA) management:

- Work with Esri and state government stakeholders to renew Esri ELA agreement
- Facilitate access to ELA products by developing software quotes, distributing software media and license files, and providing technical support
- Administer enterprise-level ArcGIS online

Database & Application Development Activities:

- Kansas Floodplain Mapping Portal – Kansas Department of Agriculture
- KWO Public Water Supply (PWS) Mapping Portal
- Statewide Tax Units Database v2016 update
- Streamlined Sales Tax Database:
 - Incorporate local GIS data updates made available through NG911 GIS Enhancement project
- ORKA:
 - Statewide parcel geodatabase and web service
 - ORKA version 4.0 release
 - Completion of statewide CRS table merge and web services
- Kansas Water Use Report:
 - Public release for 2017 reporting period
 - Application enhancements based on user input
 - Enhance to executive dashboard

- Crash Mapper:
 - Complete Crash Mapper application and associated web services
 - Complete work on data enhancement activities
 - Application and data maintenance services

- NG911 Program Support Activities:
 - Development and management of the NG9-1-1 Program Portal
 - Management of statewide imagery database – data distribution, map service user account management
 - Development and management of map templates for hosted call handling solution mapping interface (Vesta Map)
 - Production and deployment of statewide imagery Network Attached Storage (NAS) devices in support of each Public Safety Answering Point (PSAP) cutover
 - Coordination and outreach activities
 - Program and policy development

- Coordination & Outreach Activities:
 - Continue to promote the Kansas GIS Initiative and DASC services at conferences and events across the state
 - Serve on GIS-related committees
 - KAM Past-President (Kristen Jordan)
 - 2017 MAGIC GIS Clearinghouse Summit, Columbia, MO (Eileen Battles, planning committee)
 - MAGIC GIS Steering Committee
 - NSGIC State Representative

Questions?
