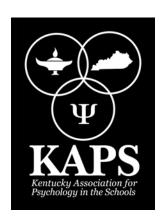
# The State of School Psychology In Kentucky - 2005

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Sponsored by: Kentucky Association for Psychology in the Schools



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#### Introduction

This report was compiled to serve as a resource for school psychologists as to the state of the profession in Kentucky in 2005. The goal of this report is four-fold. First, this data can be used by school psychologists in Kentucky to advocate for better pay, better student to school psychologist ratios, and to have a clearer picture of the state of school psychologists in their region. Second, KAPS can use the information as a needs assessment that will make the organization better aware of needs and also serve as a guide for future advocacy. Third, students who are training to be school psychologists will find the report useful as it gives the clearest picture yet of the typical school psychologist's job duties, salary, and certification issues. Fourth, school psychologists who are moving into Kentucky can get a better idea of who to contact for certification and where most school psychologists work.

The primary data source for the report was a survey of 190 school psychologists (136 practicing) who attended the KAPS 2005 fall conference. The survey focuses on topics such as years of experience, licensing and certification, salary levels, qualifications and classification criteria, percentage of time spent performing activities, and professional organization membership. The data collected was broken down into both state and regional numbers. The table below shows participation rates based on KAPS membership and according to region (see Table 1). Other sources of information came from NASP, Kentucky Department of Education, and state universities. Limitations are noted at the end of the report.

Table 1: KAPS Survey Breakdown by Regions

KAPS Regions	Members Responding to KAPS Survey	KAPS Members in Regions	Percentage of KAPS Members Responding to Survey
1	9	15	60%
2	23	53	43%
3	19	31	61%
4	18	31	58%
5	31	76	41%
6	27	52	52%
7	4	8	50%
8	5	7	71%
Total	136	273	50%

I hope that everyone finds some benefit to this report. Please let me know if you have any further suggestions or information you would like in future reports.

Sincerely, Dan Florell, Ph.D., NCSP KAPS President 2005-06

#### Training to be a School Psychologist

In order to become a school psychologist, a graduate degree in school psychology is required. There are two degrees, Specialist and doctoral, that qualify. The typical entry level of education for a school psychologist is the Specialist degree. A Specialist degree requires three years of graduate education which includes a year long school-based internship. Kentucky has three universities which offer this type of training. The doctoral degree typically runs from 4-7 years and includes a year long internship. The University of Kentucky is the only institution in Kentucky that offers a doctoral degree in school psychology. Another way to practice as a school psychologist is to attend a certification program, such as the one offered at Murray State University.

#### **School Psychology Training Programs in Kentucky**

The state of Kentucky has four school psychology training programs which include Eastern Kentucky University, Western Kentucky University, University of Kentucky, and Murray State University. Below is a brief description of the four school psychology training programs in the state and their contact information according to their websites.

#### **Eastern Kentucky University:**

Eastern Kentucky University is located in Richmond, Kentucky. The School Psychology Program at Eastern Kentucky University is designed to prepare professional psychologists to effectively meet the diverse psychological and educational needs of children. The program is typically completed in two (2) calendar years - plus a year's internship (71 total credit hours). This program meets the eligibility requirements for taking the Kentucky school psychology certification examination and has full National Council for Accreditation in Teacher Education (NCATE)/ National Association of School Psychologists (NASP) accreditation. The School Psychology Program at EKU offers a Specialist Degree in Psychology (Psy. S. Degree). Dr. Andrea Hale is the coordinator of the School Psychology Program at EKU. More information about the School Psychology Program at EKU can be obtained at their website: <a href="http://www.psychology.eku.edu/school/">http://www.psychology.eku.edu/school/</a>.

#### **Western Kentucky University:**

Western Kentucky University is located in Bowling Green, Kentucky. The School Psychology Program at WKU is fully approved by the National Association of School Psychologists (NASP). The program contains a total of 75 graduate hours which consist of lecture courses, practica, an internship, and a specialist project. All courses required by this program are designed to fulfill certification requirements as set forth by the Kentucky Department of Education and accreditation requirements as specified by the NASP and NCATE. The School Psychology Program at WKU offers a Specialist in Education Degree (Ed. S. Degree). Dr. Carl Myers is the coordinator of the School Psychology Program at WKU. More information about the School Psychology Program at WKU can be found at their website: <a href="http://edtech.tph.wku.edu/~psych/areas/school/">http://edtech.tph.wku.edu/~psych/areas/school/</a>.

#### **University of Kentucky:**

The University of Kentucky is located in Lexington, Kentucky. The School Psychology programs are offered in the Department of Educational and Counseling Psychology within the College of Education. An Educational Specialist program and a Doctoral Program are offered at UK.

#### Educational Specialist Program:

The Educational Specialist program is a three-year program with two years of coursework on campus and a yearlong internship. In the Ed.S. Program, students typically earn a Master of Science (MS) Degree after the first year of coursework. Students with a master's degree may transfer in credit, but they must meet the same overall requirements. The Ed. S. program is fully accredited by NASP and NCATE. Graduates of the Ed.S. program are eligible for certification as a school psychologist in the state of Kentucky and should meet certification standards in most other states. Program completion also partially fulfills requirements for certification as a Psychological Associate by the Kentucky Board of Psychology.

#### **Doctoral Program:**

The Doctoral program in its entirety represents approximately a five-year course of study, including a yearlong internship. Students are accepted into this program at the bachelor's, master's, and specialist levels. The first two years of the Ph.D. program roughly parallel the specialist program and students without an advanced degree also typically earn a MS degree after the first year of the program. The Ph.D. program is fully accredited by the American Psychological Association (APA) and NASP. The doctoral program also yields school psychology certification and is designed to qualify graduates for licensure as a psychologist. More information about the School Psychology Programs at UK can be obtained at their website: <a href="http://www.uky.edu/Education/NCATE/progmespp.html">http://www.uky.edu/Education/NCATE/progmespp.html</a>.

#### **Murray State University:**

Murray State University is located in Murray, Kentucky. Murray State offers a School Psychology 6<sup>th</sup> Year Certification (P – 12, Rank I) Program within the College of Education. The Certification Program in School Psychology provides a provisional certificate for students after successful completion of 51 semester-hours of coursework and a passing score on the PRAXIS Specialty Area examination in School Psychology. Graduation from the program with standard certification is obtained after a 12 semester-hour internship of at least one academic year (1200 clock hours) of supervised experience, of which at least 600 hours are completed in a school setting. Applicants must have a Master's degree in a related field to enter the program. Dr. Marty Dunham is the Coordinator for the program. More information about the Certification Program in School Psychology at Murray State can be found at these websites: <a href="http://www.murraystate.edu/provost/catalogs/G05EDU.html">http://www.murraystate.edu/provost/catalogs/G05EDU.html</a> and <a href="http://coekate.murraystate.edu/progsub/RankISchoolPsychology.pdf">http://coekate.murraystate.edu/progsub/RankISchoolPsychology.pdf</a>.

#### Practicing as a School Psychologist in Kentucky

This section will review the procedure a school psychologist needs to go through to become certified to practice in the state of Kentucky. It explains the two methods of meeting certification requirement through the national certification route or the state route. There is information on where to go to get the certification information and what the difference is between certification and licensure. The information was provided by the Kentucky Department of Education, Kentucky Board of Psychology, and NASP.

#### Certification

For school psychologists to practice in Kentucky schools, they must receive certification from the Department of Education. There are two types of certifications for school psychologists. The first type is a *provisional certification* which is provided to individuals on internship who complete their graduate coursework (at least 48-semester hours of graduate credit) and a minimum score of 630 on PRAXIS Series II exam. Individuals must also have a job offer in Kentucky to receive this type of certification.

The second type of certification is the *standard certificate* which is issued for 5-year periods after the completion of internship and must be renewed every 5 years. People who have completed all university requirements including the internship hours and the PRAXIS Series II exam, may apply for the five-year standard certificate for school psychologist. Individual holding the National Certification for School Psychologists (NCSP) from NASP meet all state requirements for certification (see NCSP section below for more details).

The TC-1 application form is used for both types of certification. It is available at <a href="https://www.kyepsb.net">www.kyepsb.net</a>. Click on Certification, then on Certification Applications, highlight and print TC-1. Read the form and follow its instructions.

Renewal of the *standard certificate* requires completion of *three* years of school psychologist experience and 72 hours of professional development or *six* semester hours of graduate credit.

Further questions regarding certification can be found at the Kentucky Department of Education website at <a href="http://www.kde.state.ky.us/">http://www.kde.state.ky.us/</a>.

#### **National Certified School Psychologist (NCSP)**

NASP has credentialed qualified school psychologists through its NCSP program since 1988. Presently, twenty-seven (27) states including Kentucky use the NCSP as part of their standard for certification. There are more than 9,000 school psychologists with the NCSP credential.

According to the KAPS survey data, 19% of school psychologists are licensed psychologists and 41% are Nationally Certified School Psychologists (NCSP). Thirty-

three percent (33%) of school psychologists report that NCSP is recognized in their district.

In order to become an NCSP, go to the NASP Website and find instructions on becoming an NCSP (<a href="http://www.nasponline.org/certification/becoming">http://www.nasponline.org/certification/becoming</a> NCSP.html) and the application process.

#### NCSP Certification Standards Overview

<u>Coursework Requirement</u>: Completion of a 60 graduate semester/90 quarter hours of study through an organized program of study that is officially titled "School Psychology." At least 54 graduate semester/81 graduate quarter hours must have been exclusive of credit for the supervised internship experience.

<u>Internship</u>: Successful completion of a 1200-hour internship in school psychology, of which at least 600 hours must be in a school setting. The internship must be recognized through institutional (transcript) documentation.

<u>Examination</u>: Applicants must achieve a passing score (660) on the National School Psychology Examination administered by the Educational Testing Service. Test scores remain valid for five (5) years after the test. Test scores older than five (5) years are considered expired and would require the re-taking of the examination. The <u>School Psychologist test</u>, code 10400, is administered through the Praxis Series of Educational Testing Service. ETS's <u>Tests at a Glance</u> contains content outlines, sample questions with rationale for the best answers, and test-taking strategies.

#### Renewing NCSP

The NCSP must be renewed every three years with 75 hours of continuing professional development (CPD) activities. The hours are contact hours and there are a variety of ways to earn these hours. Detailed information is listed in the certification renewal packet. It is expected that school psychologists will enhance their skills in a variety of areas. Although activities covering specific skill areas are not required for the NCSP renewal, expanding one's knowledge in less familiar areas is an important aspect of professional growth. Continuing professional development should involve a variety of learning activities covering a wide range of topics.

#### Scope of Practice and Title Protection for School Psychologists in Kentucky:

There are frequently questions regarding the scope of practice for certified school psychologists. The Educational Professional Standards Board writes, "School psychologists, certified by the state Department of Education, are restricted to practice in the schools (cannot be independent contractors) and cannot use title "school psychologist" outside of employment".

If school psychologists are interested in working outside of a school system, they must become licensed by the Board of Psychology.

#### Licensing

There are three levels of licenses available in Kentucky dependent upon the type of graduate degree that is held and the level of performance on the EPPP.

- 1. <u>Psychological Associate</u> requires 600 hours of supervised experience and passing score of 400 on EPPP. Requires supervision by a licensed psychologist.
- 2. <u>Psychological Practitioner</u> requires master's degree plus an additional 16 graduate hours in psychology, 5 years full-time supervised experience as a Psychological Associate, and passing score of 500 on EPPP. No supervision required.
- 3. <u>Psychologist</u> requires doctoral degree, 2 years supervised experience by a licensed psychologist (1 year, 2000 hours pre-doctoral and 1 year, 1800 hour post-doctoral), and passing score of 500 on EPPP.

Renewal of the *psychological license* requires documenting the completion of at least thirty (30) continuing education hours approved by the board within each three (3) year renewal period. The continuing education shall: (a) provide specific content planned and evaluated to improve the credential holder's professional competence; (b) make possible the acquisition of new skills and knowledge required to maintain competence; (c) strengthen the habits of critical inquiry and balanced judgment; and (d) include a minimum of three (3) hours in either ethical practice or risk management. A licensed psychologist who provides supervision shall include as part of the thirty (30) hours of continuing education a minimum of three (3) continuing education hours in the area of supervision theory or techniques.

Further information regarding psychological licensure can be found at the *Psychology Licensing Board* website at <a href="http://finance.ky.gov/ourcabinet/caboff/OAS/op/psychbd/">http://finance.ky.gov/ourcabinet/caboff/OAS/op/psychbd/</a> or contacted by phone at (502) 564-3296, ext. 225

#### The Job of a School Psychologist

#### **Job description**

In a review of the literature, Fagan and Wise (2000) reported that school psychologists reported spending 52-55% of their time in psycho-educational assessment, 21-26% in interventions (e.g., counseling and remediation), 19-22% in consultation, and 1-2% in research and evaluation.

On the KAPS 2005 Survey, Kentucky school psychologists reported that they spent the least amount of time in the area of Medicaid billing and the most amount of time in the area of assessment. School psychologists reported spending 1.1% of time in Medicaid billing, 2.4% in supervision of practicum/intern students, 3.2% in research/creating professional development, and 5.7% in counseling. School psychologists also reported spending 8.8% of time in teacher/student assistance team meetings, 10.3% in intervention/ behavior management, and 10.5% of time in consultation (see Table 2).

On average, school psychologists reported spending the greatest amount of time in assessment, which includes testing, gathering records, and writing reports, with 60.5% of the time spent in assessment duties. Furthermore, 50% of school psychologists reported that their school districts employ diagnosticians to aid in the assessment process. School psychologists in the state report a mean of 93.1 (median of 85) assessment cases per academic year. School psychologists in the state also report attending a mean of 114.5 (median of 100) ARC meetings per academic year.

Table 2: KAPS Survey Percentages of Time Spent in Activities:

(n = 120)	Percentage of Time Spent
Medicaid billing	1.1%
Supervision of practicum/intern students	2.4%
Research/creating professional development	3.2%
Counseling	5.7%
Teacher/student assistance team meetings	8.8%
Intervention/behavior management	10.3%
Consultation	10.5%
Assessment	60.5%

<sup>\*</sup>percentages in this section may not add up to 100% due to individual self reports of time often adding up to over 100%

The percentages reported by KAPS members are higher in percentage of time spent in assessment than Fagan and Wise reported in 2000. This reflects Kentucky school psychologists more traditional assessment role in the schools. This is of particular concern considering that the traditional assessment role is likely to experience significant change due to the increasing emphasis on Response to Intervention (RTI) models encouraged by IDEA (2004).

Nationally, the time school psychologists spend on special education services has greatly fluctuated over the past 20 years. Reschly (1998) found that, during the period 1986-1997 there was an 8% reduction in the amount of time spent on special education eligibility services from 68% in 1986 to 59.9% in 1997. The trend of decreased time spent on special education services continued in 1999 to 52.3% according to the 1999-2000 NASP Membership survey. However, the 2004-05 NASP survey indicated a sharp increase to 80.1% for school psychologists on special education related activities (see Table 3). This figures is even higher for Kentucky and its' surrounding states (see Table 4).

Table 3: NASP Survey Data for 2004-2005 - National

	1999-2000	2004-2005
Mean number of special education reevaluations completed:	37.0	34.0
Mean number of initial special education evaluations		
completed:	39.9	34.5
Mean number of student groups conducted:	3.2	1.7
Mean number of in-service programs conducted:	3.4	2.6
Percent of total work time in special education activities:	52.3%	80.1%

The total increase noted in time spent on special education activities did not correspond to an increase in the total number of evaluations, which actually decreased from 77.9 cases in 1999 to 68.5 cases in 2004 according to the NASP surveys. This is significantly fewer evaluations than the mean of 93.1 assessments reported by the KAPS survey and the 91.8 reported in the NASP Survey for Kentucky school psychologists. Compared to surrounding states, Kentucky school psychologists are roughly in the middle with Illinois having the fewest special education evaluations at 62.2 and Tennessee with the highest at 123.3.

Over the past five years, school psychologists are conducting fewer assessments but spending more time working with the special education population. These findings would appear to indicate that nationally school psychologists are spending more time in consultation and intervention with the special education population while Kentucky school psychologists are spending their time assessing. However, Kentucky is not unique in this situation compared to its' surrounding states (see Table 4).

Table 4: NASP Survey Data for 2004-05 – States Surrounding Kentucky

	Kentucky	Illinois	Indiana	Missouri	Ohio	Tennessee	Virginia	West Virginia
	(n=18)	(n=69)	(n=23)	(n=15)	(n=82)	(n=23)	(n=45)	(n=4)
Mean # of special education re-evaluations	34.6	38.5	46.8	32.5	43.7	58.6	29.3	75.0
Mean # of special education initial evaluations	57.2	23.7	64.2	35.7	37.3	64.7	38.5	35.0
Mean # of total special education evaluations	91.8	62.2	111	68.2	81	123.3	67.8	110
Mean # of consultation cases completed	36.3	33.8	19.1	46.4	40.7	48.4	51.0	55.0
Mean # of students counseled individually	6.6	10.1	2.3	1.6	5.6	2.5	14.2	17.5
% of total work time in special education	85.0%	80.4%	88.0%	86.5%	81.5%	89.9%	81.8%	90.0%

#### What School Psychologists Get Paid

#### **Salary Ranges**

Salaries appear to range widely as a function of length of contract, experience, teacher versus non-teacher pay schedules, and degree level. There is not typically a large difference between Specialist (Ed.S) and doctoral-level salary schedules. Starting salaries for a beginning school psychologist range from \$25,000 to \$45,000.

Salaries have increased over the past five years across the country. According to the 1999 NASP Survey, school psychologists have a mean salary of \$49,086 and a median salary of \$48,000. According to the 2004-2005 NASP survey data, the national mean salary is \$60,581. Therefore, the national mean salary increased 19% from \$49,086 in 1999 to \$60,581 in 2004-2005, which is an \$11,495 increase over the past five years.

In Kentucky, the NASP members (n = 49) surveyed in 1999 reported a mean salary of \$43,804. Kentucky was ranked 37<sup>th</sup> of all the states, according to the Mean School Psychologist Salary. The NASP members (n = 18) surveyed from Kentucky in 2004 reported a mean salary of \$50,174. This reflects a 13% increase of \$7090 over the past five years. However, the 2005 KAPS Survey of KAPS member (n = 106) reported a mean salary of \$45,108, with a median salary of \$45,000. The KAPS data indicates a 3% increase of \$1304 over the past five years. The increase reported by NASP indicates that school psychologist' salary increases, both nationally and in Kentucky, are keeping up with the rate of inflation. However, the KAPS reported salary increase would indicate that school psychologists' salaries are falling significantly behind the rate of inflation. This particular situation is also occurring in the neighboring states of Indiana, Missouri, and Illinois (see Table 5 for inflation adjusted salaries in Kentucky and neighboring states based on the inflation calculations from http://www.westegg.com/inflation/infl.cgi).

Table 5: School Psychologist Salary by State and Calculated Inflation Equivalent

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	Mean Salary	Equivalent Salary	Mean Salary
	Amount as	Amount for 2005-	Amount as
	Reported by	According to	Reported by
	NASP (1999)	Calculated Inflation	NASP (2004)
National	\$49,086	\$55,984	\$60,581
			\$50,173 (NASP)
Kentucky	\$43,804	\$49,960	\$45,108 (KAPS)
Indiana	\$46,750	\$53,320	\$52,630
Ohio	\$51,381	\$58,601	\$58,995
West Virginia	\$42,536	\$48,513	\$52,250
Virginia	\$45,911	\$52,363	\$57,459
Tennessee	\$42,468	\$48,436	\$52,889
Missouri	\$47,747	\$54,457	\$50,598
Illinois	\$55,542	\$63,347	\$61,857
Avg. teacher salary-			
KY- (1997/1998)	\$34,453(1997/98)	\$40,602	\$39,831(2003/04)

As a majority of school psychologists in Kentucky are employed in the public schools, the pay of teachers was examined over the same period of time. According to the American Federation of Teachers, teacher salaries increased in Kentucky from \$34,453 in 1997 which ranked 29<sup>th</sup> among all the states. The salaries increased to \$39,831 in 2003 according to the National School Boards Association (2006). This 14% increase in salaries (\$5378 increase) over the past five years is 11% higher than the salaries reported by KAPS members.

#### Pay Rank and Classification

Kentucky school psychologists were surveyed by KAPS on information regarding contract length, classification, and pay scales according to districts. Fifty-nine percent of school psychologists report being classified as administrators in their district, and 44% report that school psychologists in their district receive administrator pay. The mean stipend amount reported for administrator pay is \$2339. Stipend amounts ranged from \$800 to \$5000.

Only 20% of Kentucky school psychologists report that there is recognition in the pay schedule of their district for the specialist degree, while 80% report that the pay scale for their district is based on Master's +30 credit hours. Also, 57% of school psychologists reported that there is recognition in the pay schedule of the doctoral degree.

Ninety-two percent (92%) of school psychologists in the state report that extended days are offered in their districts and the mean number of extended days worked is 18.2.

#### The Grass is Greener - Cost of Living Index Comparisons:

Though Kentucky salaries tend to appear lower than those of other surrounding states, the cost of living can be an unaccounted factor. The following cost of living comparisons were calculated by using a salary calculator found on the following website:
(http://www.homefair.com/homefair/calc/salcalc.html). The cities used for the cost of living in Table 6 were selected based on each KAPS region. The cost of living for each of the selected cities was compared to a city in each of the seven states surrounding Kentucky. The cost of living for each of the selected cities was also compared to New York City and Anaheim, California. The money amount used in the cost of living comparison is the mean salary amount reported in the KAPS survey for each of the selected regions. For example, Henderson County is part of Region 1 and the mean salary amount as reported by school psychologists in the districts of Region 1 is \$41,833.

According to the salary calculator, \$41,833 in Henderson, KY is equivalent to \$48,559 in Indianapolis, IN. Therefore, in order to have the same quality of living in each of these areas, a school psychologist's salary in Indianapolis would have to be higher than in Henderson, KY.

Table 6: Cost of Living Comparison of Cities in Kentucky to Cities in Other States:

	Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 8
	(Henderson	(Warren	(Jefferson	(Kenton	(Fayette	(Pulaski	(Pike
	County)—	County)—	County)—	County)—	County)—	County)—	County)—
Salary Amount	\$41,833	\$43,538	\$54,769	\$44,308	\$43,154	\$42,782	\$56,000
Indianapolis, IN	\$48,559	\$55,376	\$62,007	\$59,211	\$49,310	\$51,971	\$61,254
Dayton, OH	\$48,294	\$55,074	\$61,669	\$58,889	\$49,042	\$51,688	\$60,921
Charleston, WV	\$43,939	\$50,108	\$56,108	\$53,578	\$44,619	\$47,026	\$55,427
Richmond, VA	\$51,861	\$59,142	\$66,224	\$63,238	\$52,664	\$55,505	\$65,420
Nashville, TN	\$42,362	\$48,309	\$54,094	\$51,655	\$43,017	\$45,339	\$53,437
St. Louis, MO	\$56,277	\$64,178	\$71,862	\$68,623	\$57,148	\$60,231	\$70,990
Peoria, IL	\$45,896	\$52,340	\$58,607	\$55,965	\$46,607	\$49,121	\$57,896
Anaheim, CA	\$82,149	\$93,683	\$104,900	\$100,171	\$83,421	\$87,922	\$103,627
Manhattan, NY	\$116,584	\$132,952	\$148,872	\$142,160	\$118,389	\$124,777	\$147,065

#### **KAPS Membership in Other Professional Organizations**

According to the KAPS survey, 69% of the school psychologists surveyed (n = 177) reported that they belong to professional organizations in addition to KAPS. Some of the other professional organizations that KAPS members reported membership in included; National Association of School Psychologists (NASP), American Psychological Association (APA), Council for Exceptional Children (CEC), Kentucky Psychological Association (KPA), Kentucky Association of School Administrators (KASA), and Jefferson County Association of School Administrators (JCASA). Some brief information about other Kentucky organizations is included below.

The Kentucky Psychological Association (KPA) has represented the interests of psychologists in the Commonwealth of Kentucky since 1932. Members include doctoral and master's level psychologists with a variety of training experiences and work placements. Activities of Kentucky Psychologists include: university based research and teaching; provision of direct clinical services in private practice or within community care centers; work in psychiatric hospitals and medical centers; consultations to government agencies and the business sector; and, the provision of expert testimony on the legal system. More information about KPA can be found at their website: <a href="http://www.kpa.org/">http://www.kpa.org/</a>.

The Kentucky Association of School Administrators (KASA) is an organization dedicated to serving school administrators throughout Kentucky through advocacy, professional development, research and leadership. The main focus of KASA is on the continuous improvement of education through professional development of strong leaders, advocacy for the welfare of children, and effective participation in shaping education policy. More information about KASA can be found at their website: <a href="http://www.kasa.org/index.html">http://www.kasa.org/index.html</a>.

#### Location of School Psychologists in Kentucky

School psychologists tend to be concentrated in the central portion of the state while the far eastern and western portions of the state have fewer. All school districts in Kentucky were contacted by phone and e-mail regarding the number of school psychologists that were employed in the district (1.1% of districts did not respond). Excluding the non-responding districts, each school district averages 1.92 school psychologists. However this is deceiving as 40.4% of all districts in the state do not employ any school psychologists (see Table 7). Part of this is due to small school districts with limited resources. Many of the school districts that were coded as having no school psychologists contract out for school psychological services with their region co-op or other agencies. Other factors that could explain this are difficulty attracting school psychologists to the area or school districts not seeing the value in services provided by school psychologists.

Table 7: Number of School Psychologists Employed by School Districts

Region	School Psychologists Employed (District Report)	No School Psychologists in the District (District Report)	Districts not Reporting
1	40.7	9	0
2	57.5	10	0
3	38		1
4	54.4	13	0
5	84.9	5	1
6	51	12	0
7	11.3	12	0
8	4	11	0
Total	341.8	72	2

The recommended NASP ratio of school psychologists to student population is 1:1000. In Table 8, the ratio is reported for Kentucky and its surrounding states. Kentucky has the highest service ratio when compared to its surrounding states. This problem is further compounded when considering that over 40% of school districts in the state have no school psychologists and are not reflected in the NASP numbers. The Region sections of this report break down the school psychologist to student ratio and school psychologist to special education population ratio by district.

Table 8: Ratio of Students to School Psychologists (2004 NASP Survey)

	Kentucky	Illinois	Indiana	Missouri	Ohio	Tennessee	Virginia	West Virginia
	(n=18)	(n=69)	(n=23)	(n=15)	(n=82)	(n=23)	(n=45)	(n=4)
Ratio of students per school psychologist	2192	1439	2179	1389	1541	1925	1830	n/a

#### Job Descriptions of School Psychologists by Region

In this section job descriptions and salaries are broken down by regions. This allows comparison of job expectations across regions. The percentages of time school psychologists spend conducting assessments range from 51.3% in Region 5 to 70.5% in Region 3 (see Table 9). As the time spent on assessment increases, time spent in other areas like intervention/behavior management and consultation decrease.

Table 9: Percentages of Time Spent According to Regions:

Region	Medicaid billing	Supervision of practicum/intern students	Counseling	Consultation	Intervention/behavior management	Research/creating professional development	Teacher/student assistance team meetings	Assessment
1 (n=7)	1.3%	4.6%	9.3%	12.9%	10.7%	2.1%	8.7%	60.6%
2 (n=19)	0.6%	4.1%	4.3%	12.5%	13.1%	4.4%	15.2%	52.6%
3 (n=17)	1.2%	1.7%	3.8%	8.4%	6.6%	2.5%	5.4%	70.5%
4 (n=16)	0.5%	1.6%	5.4%	10.1%	7.8%	1.9%	9.1%	66.5%
5 (n=26)	1.3%	2.3%	9.4%	11.6%	12.7%	3.4%	9.8%	51.3%
6 (n=23)	1.7%	2.0%	4.7%	10.4%	9.8%	3.0%	3.7%	65.3%
7 (n=4)	0.0%	0.0%	1.8%	10.0%	6.3%	6.2%	11.3%	63.8%
8 (n=3)	0.3%	0.0%	0.0%	8.3%	11.7%	3.7%	7.0%	68.3%

<sup>\*</sup>percentages in this section may not add up to 100% due to individual self reports of time often adding up to over 100%

The assessment focus of most Kentucky school psychologists is reflected by the number of assessments conducted and number of ARC meetings attended. Table 10 makes it apparent that some school psychologists do not attend ARC meetings of students where they have completed assessments.

Table 10: Average Number of Assessments and ARC Meetings by Region (KAPS Survey)

Region	Number of Assessment Cases Per	ARC Meetings Attended Per Year
	Year (mean)	(mean)
1 (n = 8)	81.3	111.7
2 (n = 21)	84.5	127.3
3 (n = 19)	105.3	87.8
4 (n = 15)	121.1	149.6
5 (n = 30)	64.2	111.5
6 (n = 26)	104.5	130.5
7 (n = 4)	118.8	91.3
8 (n = 4)	132.5	55

The average salary is impacted by the region the school psychologist is employed. The highest salaries are in Louisville and the far eastern portion of the state (see Table 11).

Table 11: Average Salary by Region (KAPS Survey)

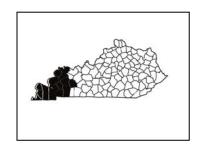
Region	Mean Salary Amount
1 (n = 6)	\$41,833.33
2 (n = 13)	\$43,538.46
3 (n = 13)	\$54,769.23
4 (n = 13)	\$44,307.69
5 (n = 26)	\$43,153.85
6 (n = 23)	\$42,782.61
7 (n = 3)	\$48,818.33
8 (n = 4)	\$56,000.00

#### REGION MAPS AND INFORMATION

In this final section, each KAPS region is presented with its job description, salary information, district populations, and school psychologists to student ratios.

#### Region 1

School psychologists in this region report spending a mean of 1.3% of time in Medicaid billing, 2.1% in research/creating professional development, 4.6% in supervision of practicum/intern students, and 8.7% in teacher/student assistance team meetings. School psychologists also report spending a mean of 9.3% of



time in counseling, 10.7% in intervention/behavior management, and 12.9% of time in consultation.

School psychologists in this region report spending most of their time in assessment, with a mean of 60.6% of time in assessment duties. Additionally, school psychologists in this region report a mean of 81.3 assessment cases per academic year (SD = 43.157). School psychologists in this region also report attending a mean of 111.7 ARC meetings per academic year (SD = 60.725).

(n=7)	Percentage of Time Spent
Medicaid billing	1.3%
Supervision of practicum/intern students	4.6%
Research/creating professional development	2.1%
Counseling	9.3%
Teacher/student assistance team meetings	8.7%
Intervention/behavior management	10.7%
Consultation	12.9%
Assessment	60.6%

<sup>\*</sup>percentages in this section may not add up to 100% due to individual self reports of time often adding up to over 100%

In Region 1, school psychologists (n = 6) report an average salary amount of \$41,833.33. A cost of living comparison was computed for Henderson, KY in Table 12.

Table 12: Cost of Living Comparison for Region 1:

Henderson, KY (Henderson County)	\$41,833
=	
Indianapolis, Indiana	\$48,559
Dayton, Ohio	\$48,294
Charleston, West Virginia	\$43,939
Richmond, Virginia	\$51,861
Nashville, Tennessee	\$42,362
St. Louis, Missouri	\$56,277
Peoria, Illinois	\$45,896

Anaheim, California	\$82,149
Sacramento, California	\$64,811
Manhattan, New York	\$116,584
Queens, New York	\$72,107

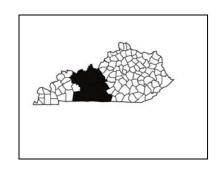
In Table 13, each county in Region 1 is presented along with its 2004-05 student and special education enrollment. In addition, each county was contacted regarding the number of school psychologists employed for the district. This data was used to calculate the ratio of school psychologists to students and school psychologists to special education population. The enrollment information was collected from the Kentucky Department of Education website (www.education.ky.gov).

Table 13: County student and special education enrollment and school psychologist to student ratios for Region 1.

Stadelit 10	mos for meg.	OII 1.			Ratio of	
	Special	End of	% of All Students Enrolled	Number of	Special Education Students to	Ratio of Total Students to
Pagion 1	Education Enrollment	Year Total Enrollment	in Special Education	School Psychologists	School	School
Region 1 Ballard County	332	1,399	23.7%	0	Psychologists 332:0	Psychologists 1399:0
Caldwell County	311	2,081	14.9%	2	156:1	1041:1
Calloway County	545	2,915	18.7%	1.5	363:1	1943:1
Carlisle County	153	824	18.6%	0	153:0	824:0
Christian County	1,504	9,598	15.7%	9	167:1	1066:1
Crittenden County	267	·	19.9%	<b>0</b>	<b>267:0</b>	1342:0
Dawson	207	1,342	13.370	U	207.0	1342.0
Springs Ind.	176	683	25.8%	0.2	880:1	3415:1
Fulton County	155	729	21.3%	0	155:0	729:0
Fulton Ind.	104	480	21.7%	1	104:1	480:1
Graves County	690	4,626	14.9%	1	690:1	4626:1
Henderson County	1,181	7,036	16.8%	5	236:1	1407:1
Hickman County	182	817	22.3%	0	182:0	817:0
Hopkins County	1,558	7,164	21.7%	9	173:1	796:1
Livingston County	249	1,384	18.0%	0.5	498:1	2768:1
Lyon County	178	998	17.8%	0	178:0	998:0
Marshall County	626	4,766	13.1%	1	626:1	4,766:1
Mayfield Ind.	275	1,567	17.5%	1	275:1	1567:1
McCracken County	1,006	7,021	14.3%	0	1006:0	7021:0
Muhlenburg County	981	5,217	18.8%	4	245:1	1304:1
Murray Ind.	305	1,826	16.7%	1	305:1	1826:1
Paducah Ind.	427	3,035	14.1%	2	214:1	1518:1
Providence Ind.	90	442	20.4%	0	90:0	442:0
Trigg County	358	2,107	17.0%	1	358:1	2107:1
Union County	556	2,524	22.0%	0	<i>556:0</i>	2524:0
Webster County	354	1,907	18.6%	1.5	236:1	1271:1
TOTAL	12,563	<i>72,4</i> 88	17.3%	40.7	309:1	1781:1

### Region 2

School psychologists in this region report spending a mean of 0.6% of time in Medicaid billing, 4.4% in research/creating professional development, 4.1% in supervision of practicum/intern students, and 15.2% in teacher/student assistance team meetings. School psychologists also report spending a mean of 4.3% of time in counseling, 13.1% in intervention/behavior management, and 12.5% of time in consultation.



On average, school psychologists report spending most of their time in assessment with a mean of 52.6% of time in assessment duties. Additionally, school psychologists in this region report a mean of 84.5 assessment cases per academic year (SD = 32.974). School psychologists in this region also report attending a mean of 127.3 ARC meetings per academic year (SD = 81.182).

(n = 19)	Percentage of Time Spent
Medicaid billing	0.6%
Supervision of practicum/intern students	4.1%
Research/creating professional development	4.4%
Counseling	4.3%
Teacher/student assistance team meetings	15.2%
Intervention/behavior management	13.1%
Consultation	12.5%
Assessment	52.6%

<sup>\*</sup>percentages in this section may not add up to 100% due to individual self reports of time often adding up to over 100%

In Region 2, school psychologists (n = 13) report an average salary amount of \$43,538.46. A cost of living comparison was computed for Bowling Green, KY in Table 14.

Table 14: Cost of Living Comparison for Region 2

<b>Bowling Green, KY (Warren County)</b>	\$43,538
=	
Indianapolis, Indiana	\$55,376
Dayton, Ohio	\$55,074
Charleston, West Virginia	\$50,108
Richmond, Virginia	\$59,142
Nashville, Tennessee	\$48,309
St. Louis, Missouri	\$64,178
Peoria, Illinois	\$52,340
Anaheim, California	\$93,683
Sacramento, California	\$73,910
Manhattan, New York	\$132,952
Queens, New York	\$82,231

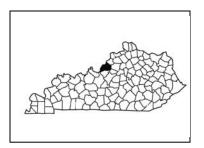
In Table 15, each county in Region 2 is presented along with its 2004-05 student and special education enrollment. In addition, each county was contacted regarding the number of school psychologists employed for the district. This data was used to calculate the ratio of school psychologists to students and school psychologists to special education population. The enrollment information was collected from the Kentucky Department of Education website (www.education.ky.gov).

Table 15: County student and special education enrollment and school psychologist to student ratios for Region 1.

			% of All		Ratio of Special	
			Students		Education	Ratio of Total
	Special	End of	Enrolled	Number of	Students to	Students to
D' 0	Education	Year Total	in Special	School	School	School
Region 2	Enrollment	Enrollment	Education 13.0%	Psychologists	Psychologists	Psychologists
Allen County	400	3,076	16.0%	2	200:1	1538:1
Barren County	672	4,203		3	224:1	1401:1
Bowling Green Ind.	477	3,742	12.7%	3.5	136:1	1069:1
Breckinridge County	465	2,684	17.3%	2	233:1	1342:1
Butler County	361	2,216	16.3%	1	361:1	2216:1
Caverna Ind.	166	807	20.6%	0	166:0	807:0
Cloverport Ind.	95	306	31.0%	0	<b>95:0</b>	306:0
Cumberland County	216	1,131	19.1%	0	216:0	1131:0
Daviess County	1,883	11,084	17.0%	7	269:1	1583:1
Edmonson County	443	2,090	21.2%	0	443:0	2090:0
Elizabethtown Ind.	303	2,346	12.9%	1	303:1	2346:1
Glasgow Ind.	336	1,999	16.8%	1	336:1	1999:1
Grayson County	613	4,222	14.5%	0	613:0	4222:0
Green County	273	1,665	16.4%	0	273:0	1665:0
Hancock County	249	1,594	15.6%	1	249:1	1594:1
Hardin County	2,291	13,893	16.5%	7	327:1	1985:1
Hart County	481	2,488	19.3%	2	241:1	1244:1
LaRue County	452	2,414	18.7%	1	452:1	2414:1
Logan County	641	3,433	18.7%	3	214:1	1144:1
McLean County	257	1,619	15.9%	0	257:0	1619:0
Meade County	834	4,874	17.1%	4.5	185:1	1083:1
Metcalfe County	281	1,661	16.9%	0	281:0	1661:0
Monroe County	315	2,026	15.5%	0	315:0	2026:0
Ohio County	704	4,039	17.4%	3	235:1	1346:1
Owensboro Ind.	863	4,082	21.1%	4	216:1	1021:1
Russellville Ind.	247	1,215	20.3%	1	247:1	1215:1
Simpson County	375	3,151	11.9%	1.5	250:1	2101:1
Todd County	422	2,068	20.4%	2	211:1	1034:1
Warren County	1,502	11,764	12.8%	7	215:1	1681:1
West Point Ind.	28	125	.2%	0	28:0	125:0
TOTAL	16,645	102,017	16.3%	57.5	289:1	1774:1

#### Region 3

School psychologists in this region report spending a mean of 1.2% of time in Medicaid billing, 1.7% in supervision of practicum/intern students, 3.8% in counseling, and 8.4% of time in consultation. School psychologists also report spending a mean of 6.6% of time in intervention/behavior management, 2.5% in research/creating professional development, and 5.4% in teacher/student assistance team meetings.



On average, school psychologists report spending the largest amount of their time in assessment with a mean of 70.5% of time in assessment duties. Additionally, school psychologists in this region report a mean of 105.3 assessment cases per academic year (SD = 17.597). School psychologists in this region also report attending a mean of 87.8 ARC meetings per academic year (SD = 19.869).

(n = 17)	Percentage of Time Spent
Medicaid billing	1.2%
Supervision of practicum/intern students	1.7%
Research/creating professional development	2.5%
Counseling	3.8%
Teacher/student assistance team meetings	5.4%
Intervention/behavior management	6.6%
Consultation	8.4%
Assessment	70.5%

<sup>\*</sup>percentages in this section may not add up to 100% due to individual self reports of time often adding up to over 100%

In Region 3, school psychologists (n = 13) report an average salary amount of \$54,769.23. A cost of living comparison was computed for Louisville, KY in Table 16.

Table 16: Cost of Living Comparison for Region 3:

Louisville, KY (Jefferson County)	\$54,769
=	
Indianapolis, Indiana	\$62,007
Dayton, Ohio	\$61,669
Charleston, West Virginia	\$56,108
Richmond, Virginia	\$66,224
Nashville, Tennessee	\$54,094
St. Louis, Missouri	\$71,862
Peoria, Illinois	\$58,607
Anaheim, California	\$104,900
Sacramento, California	\$82,761
Manhattan, New York	\$148,872
Queens, New York	\$92,077

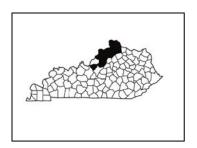
In Table 17, each county in Region 3 is presented along with its 2004-05 student and special education enrollment. In addition, each county was contacted regarding the number of school psychologists employed for the district. This data was used to calculate the ratio of school psychologists to students and school psychologists to special education population. The enrollment information was collected from the Kentucky Department of Education website (<a href="https://www.education.ky.gov">www.education.ky.gov</a>).

Table 17: County student and special education enrollment and school psychologist to student ratios for Region 3.

Region 3	Special Education Enrollment	End of Year Total Enrollment	% of All Students Enrolled in Special Education	Number of School Psychologists	Special Education Students to School Psychologists	Ratio of Total Students to School Psychologists
Anchorage Ind.	86	435	19.8%	0.5	172:1	870:1
Jefferson County KY School for the	13,792	95,283	14.5%	37.5	368:1	2541:1
Blind	72					
TOTAL	13,950	95,718	14.6%	38	367:1	2519:1

### Region 4

School psychologists in this region report spending a mean of 0.5% of time in Medicaid billing, 1.6% in supervision of practicum/intern students, 5.4% in counseling, and 10.1% of time in consultation. School psychologists also report spending a mean of 7.8% of time in intervention/behavior management, 1.9% in research/creating professional development, and 9.1% in teacher/student assistance team meetings.



On average, school psychologists report spending most of their time in assessment with a mean of 66.5% of time in assessment duties. Additionally, school psychologists in this region report a mean of 121.1 assessment cases per academic year (SD = 121.017). School psychologists in this region also report attending a mean of 149.6 ARC meetings per academic year (SD = 94.206).

(n = 16)	Percentage of Time Spent
Medicaid billing	0.5%
Supervision of practicum/intern students	1.6%
Research/creating professional development	1.9%
Counseling	5.4%
Teacher/student assistance team meetings	9.1%
Intervention/behavior management	7.8%
Consultation	10.1%
Assessment	66.5%

<sup>\*</sup>percentages in this section may not add up to 100% due to individual self reports of time often adding up to over 100%

In Region 4, school psychologists (n = 13) report an average salary amount of \$44,307.69. A cost of living comparison was computed for Covington, KY in Table 18.

Table 18: Cost of Living Comparison for Region 4:

Covington, KY (Kenton County)	\$44,308
=	
Indianapolis, Indiana	\$59,211
Dayton, Ohio	\$58,889
Charleston, West Virginia	\$53,578
Richmond, Virginia	\$63,238
Nashville, Tennessee	\$51,655
St. Louis, Missouri	\$68,623
Peoria, Illinois	\$55,965
Anaheim, California	\$100,171
Sacramento, California	\$79,029
Manhattan, New York	\$142,160
Queens, New York	\$87,926

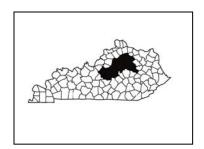
In Table 19, each county in Region 1 is presented along with its 2004-05 student and special education enrollment. In addition, each county was contacted regarding the number of school psychologists employed for the district. This data was used to calculate the ratio of school psychologists to students and school psychologists to special education population. The enrollment information was collected from the Kentucky Department of Education website (<a href="https://www.education.ky.gov">www.education.ky.gov</a>).

Table 19: County student and special education enrollment and school psychologist to student ratios for Region 4.

Student fati	ios foi Regioi	14.				
Region 4	Special Education Enrollment	End of Year Total Enrollment	% of All Students Enrolled in Special Education	Number of School Psychologists	Ratio of Special Education Students to School Psychologists	Ratio of Total Students to School Psychologists
Beechwood Ind.	124	1,027	12.1%		124:0	1027:0
Bellevue Ind.	172	871	19.7%	0 0	124.0 172:0	871:0
Boone County	2,236	16,480	13.6%	8	280:1	2060:1
Bullitt County	1,666	11,722	14.2%	9	185:1	1302:1
Campbell County	910	4,710	19.3%	3	303:1	1570:1
Carroll County	312	1,909	16.3%	1	312:1	1909:1
Covington Ind.	902	4,266	21.1%	5	180:1	853:1
Dayton Ind.	239	1,101	21.7%	<b>0</b>	<b>239:0</b>	1101:0
Eminence Ind.	84	723	11.6%	0.5	168:1	1446:1
Erlanger Ind.	397	2,327	17.1%	<b>0</b> .5	<b>397:0</b>	<b>2327:0</b>
Ft. Thomas Ind.	243	2,322	10.5%	o	243:0	2322:0
Gallatin County	296	1,560	19.0%	1	296:1	1560:1
Grant County	556	3,875	14.3%	2	278:1	1938:1
Henry County	281	2,155	13.0%	0	281:0	2155:0
Kenton County	1,844	12,729	14.5%	10	184:1	1273:1
Ludlow Ind.	155	983	15.8%	0	155:0	983:0
Newport Ind.	397	2,413	16.5%	0	397:0	2413:0
Oldham County	1,595	10,507	15.2%	6.9	231:1	1523:1
Owen County	228	1,961	11.6%	1	228:1	1961:1
Pendleton County	439	2,854	15.4%	0	439:0	2854:0
Shelby County	855	5,732	14.9%	4	214:1	1433:1
Silver Grove Ind.	74	310	24.0%	0	74:0	310:0
Southgate Ind.	54	153	35.3%	0	54:0	153:0
Spencer County	477	2,465	19.4%	2	239:1	1233:1
Trimble County	239	1,633	14.6%	1	239:1	1633:1
Walton-Verona Ind.	202	1,181	17.1%	0	202:0	1181:0
Williamstown Ind.	94	891	10.5%	0	94:0	891:0
TOTAL	15,071	98,860	15.2%	54.4	277:1	1817:1

#### Region 5

School psychologists in this region report spending a mean of 1.3% of time in Medicaid billing, 2.3% in supervision of practicum/intern students, 9.4% in counseling, and 11.6% of time in consultation. School psychologists also report spending a mean of 12.7% of time in intervention/behavior management, 3.4% in research/creating professional development, and 9.8% in teacher/student assistance team meetings.



On average, school psychologists report spending most of their time in assessment with a mean of 51.3% of time in assessment duties. Additionally, school psychologists in this region report a mean of 64.2 assessment cases per academic year (SD = 21.778). School psychologists in this region also report attending a mean of 111.5 ARC meetings per academic year (SD = 55.241).

(n = 26)	Percentage of Time Spent
Medicaid billing	1.3%
Supervision of practicum/intern students	2.3%
Research/creating professional development	3.4%
Counseling	9.4%
Teacher/student assistance team meetings	9.8%
Intervention/behavior management	12.7%
Consultation	11.6%
Assessment	51.3%

<sup>\*</sup>percentages in this section may not add up to 100% due to individual self reports of time often adding up to over 100%

In Region 5, school psychologists (n = 26) report an average salary amount of \$43,153. A cost of living comparison was computed for Lexington, KY in Table 20.

Table 20: Cost of Living Comparison for Region 5:

Lexington, KY (Fayette County)	\$43,1545
=	
Indianapolis, Indiana	\$49,310
Dayton, Ohio	\$49,042
Charleston, West Virginia	\$44,619
Richmond, Virginia	\$52,664
Nashville, Tennessee	\$43,017
St. Louis, Missouri	\$57,148
Peoria, Illinois	\$46,607
Anaheim, California	\$83,421
Sacramento, California	\$65,814
Manhattan, New York	\$118,389
Queens, New York	\$73,223

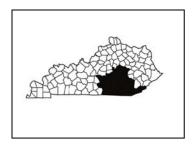
In Table 21, each county in Region 5 is presented along with its 2004-05 student and special education enrollment. In addition, each county was contacted regarding the number of school psychologists employed for the district. This data was used to calculate the ratio of school psychologists to students and school psychologists to special education population. The enrollment information was collected from the Kentucky Department of Education website (www.education.ky.gov).

Table 21: County student and special education enrollment and school psychologist to student ratios for Region 5.

			% of All		Ratio of Special	
Region 5	Special Education Enrollment	End of Year Total Enrollment	Students Enrolled in Special Education	Number of School Psychologists	Education Students to School Psychologists	Ratio of Total Students to School Psychologists
Anderson County	798	3,731	21.4%	7	114:1	533:1
Bardstown Ind.	347	2,124	16.3%	1	347:1	2124:1
Bourbon County	414	2,706	15.3%	3	138:1	902:1
Boyle County	607	2,785	21.8%	3.5	173:1	796:1
Burgin Ind.	90	451	20.0%	0	90:0	451:0
Clark County	813	5,486	14.8%	5	163:1	1097:1
Danville Ind.	368	1,824	20.2%	1.8	204:1	1013:1
Fayette County	3,676	34,688	10.6%	32	115:1	1084:1
Frankfort Ind.	247	915	27.1%	0.6	412:1	1525:1
Franklin County	799	5,895	13.6%	5	160:1	1179:1
Harrison County	538	3,240	16.6%	0	<i>538:0</i>	3240:0
Harrodsburg Ind.	249	932	26.7%	0	249:0	932:0
Jessamine County	1,214	7,108	17.1%	6	202:1	1185:1
KY School for Deaf	143					
Marion County	565	3,148	17.9%	0	<i>565:0</i>	3148:0
Mercer County	386	2,328	16.6%	2	193:1	1164:1
Montgomery County	615	4,300	14.3%	2	308:1	2150:1
Nelson County	759	4,738	16.0%	3	253:1	1579:1
Nicholas County	181	1,193	15.2%	0	181:0	1193:0
Paris Ind.	91	743	12.2%	1	91:1	743:1
Powell County	497	2,626	18.9%	2	249:1	1313:1
Scott County	1,000	6,859	14.6%	7	143:1	980:1
Washington County	387	1,831	21.1%	1	387:1	1831:1
Woodford County	440	3,849	11.4%	2	220:1	1925:1
TOTAL	15,224	103,500	14.7%	84.9	179:1	1219:1

## Region 6

School psychologists in this region report spending a mean of 1.7% of time in Medicaid billing, 2.0% in supervision of practicum/intern students, 4.7% in counseling, and 10.4% of time in consultation. School psychologists also report spending a mean of 9.8% of time in intervention/behavior management, 3.0% in research/creating professional development, and 3.7% in teacher/student assistance team meetings.



On average, school psychologists report spending most of their time in assessment with a mean of 65.3% of time in assessment duties. Additionally, school psychologists in this region report a mean of 104.5 assessment cases per academic year (SD = 58.420). School psychologists in this region also report attending a mean of 130.5 ARC meetings per academic year (SD = 96.137).

(n = 23)	Percentage of Time Spent
Medicaid billing	1.7%
Supervision of practicum/intern students	2.0%
Research/creating professional development	3.0%
Counseling	4.7%
Teacher/student assistance team meetings	3.7%
Intervention/behavior management	9.8%
Consultation	10.4%
Assessment	65.3%

<sup>\*</sup>percentages in this section may not add up to 100% due to individual self reports of time often adding up to over 100%

In Region 6, school psychologists (n = 23) report an average salary amount of \$42,782.61. A cost of living comparison was computed for Somerset, KY in Table 22.

Table 22: Cost of Living Comparison for Region 1:

Somerset, KY (Pulaski County)	\$42,782
=	
Indianapolis, Indiana	\$51,971
Dayton, Ohio	\$51,688
Charleston, West Virginia	\$47,026
Richmond, Virginia	\$55,505
Nashville, Tennessee	\$45,339
St. Louis, Missouri	\$60,231
Peoria, Illinois	\$49,121
Anaheim, California	\$87,922
Sacramento, California	\$69,366
Manhattan, New York	\$124,777
Queens, New York	\$77,174

In Table 23, each county in Region 6 is presented along with its 2004-05 student and special education enrollment. In addition, each county was contacted regarding the number of school psychologists employed for the district. This data was used to calculate the ratio of school psychologists to students and school psychologists to special education population. The enrollment information was collected from the Kentucky Department of Education website (<a href="https://www.education.ky.gov">www.education.ky.gov</a>).

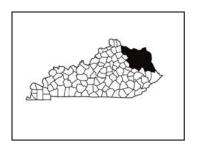
Table 23: County student and special education enrollment and school psychologist to student ratios for Region 6.

Ratio of

			0/ of AII		Ratio of	
			% of All Students		Special	Datic of Total
	Special	End of	Enrolled	Number of	Education Students to	Ratio of Total Students to
	Education	Year Total	in Special	School	School	School
Region 6	Enrollment	Enrollment	Education	Psychologists	Psychologists	Psychologists
Adair County	484	2,746	17.6%	1	484:1	2746:1
Barbourville Ind.	97	646	15.0%	0	97:0	646:0
Bell County	558	3,160	17.7%	3	186:1	1053:1
Berea Ind.	182	1,125	16.2%	1	182:1	1125:1
Campbellsville Ind.	281	1,246	22.6%	1	281:1	1246:1
Casey County	415	2,435	17.0%	0	415:0	2435:0
Clay County	902	3,977	22.7%	5	180:1	795:1
Clinton County	366	1,629	22.5%	0	366:0	1629:0
Corbin Ind.	280	2,301	12.2%	0	280:0	2301:0
E. Bernstadt Ind.	89	504	17.7%	0	89:0	<i>504:0</i>
Estill County	498	2,537	19.6%	2	249:1	1269:1
Garrard County	422	2,538	16.6%	2	211:1	1269:1
Harlan County	817	4,686	17.4%	2	409:1	2343:1
Harlan Ind.	179	919	19.5%	1	179:1	919:1
Jackson County	530	2,283	23.2%	1	530:1	2283:1
Knox County	880	4,898	18.0%	2	440:1	2449:1
Laurel County	1,559	9,151	17.0%	6	260:1	1525:1
Lincoln County	1,032	4,338	23.8%	1	1032:1	4338:1
Madison County	2,068	10,087	20.5%	7	295:1	1441:1
McCreary County	611	3,454	17.7%	2	306:1	1727:1
Middlesboro Ind.	327	1,795	18.2%	2	164:1	898:1
Monticello Ind.	156	878	17.8%	0	156:0	<i>878:0</i>
Pineville Ind.	91	621	14.7%	0	91:0	621:0
Pulaski County	1,270	7,892	16.1%	6	212:1	1315:1
Rockcastle County	549	2,992	18.3%	2	274.5:1	1496:1
Russell County	570	2,943	19.4%	0	<i>570:0</i>	2943:0
Science Hill Ind.	76	469	16.2%	0	<i>76:0</i>	469:9
Somerset Ind.	220	1,587	13.9%	0	220:0	1587:0
Taylor County	410	2,576	15.9%	1	410:1	2576:1
Wayne County	518	2,550	20.3%	0	518:0	2550:0
Whitley County	933	4,833	19.3%	3	311:1	1611:1
Williamsburg Ind.	125	766	16.3%	0	125:0	766:0
TOTAL	17, <b>4</b> 95	94,562	18.5%	51	343:1	1854:1

#### Region 7

School psychologists in this region report spending a mean of 0.0% of time in Medicaid billing, 0.0% in supervision of practicum/intern students, 1.8% in counseling, and 10.0% of time in consultation. School psychologists also report spending a mean of 6.3% of time in intervention/behavior management, 6.2% in research/creating professional development, and 11.3% in teacher/student assistance team meetings.



On average, school psychologists report spending most of their time in assessment with a mean of 63.8% of time in assessment duties. Additionally, school psychologists in this region report a mean of 118.8 assessment cases per academic year (SD = 37.053). School psychologists in this region also report attending a mean of 91.3 ARC meetings per academic year (SD = 109.268).

(n=4)	Percentage of Time Spent
Medicaid billing	0.0%
Supervision of practicum/intern students	0.0%
Research/creating professional development	6.2%
Counseling	1.8%
Teacher/student assistance team meetings	11.3%
Intervention/behavior management	6.3%
Consultation	10.0%
Assessment	63.8%

<sup>\*</sup>percentages in this section may not add up to 100% due to individual self reports of time often adding up to over 100%

In Region 7, school psychologists (n = 3) report an average salary amount of \$48,818.33 according to district. A cost of living comparison was not conducted as a city could not be found in the region for the calculator to use.

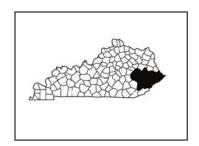
In Table 24, each county in Region 7 is presented along with its 2004-05 student and special education enrollment. In addition, each county was contacted regarding the number of school psychologists employed for the district. This data was used to calculate the ratio of school psychologists to students and school psychologists to special education population. The enrollment information was collected from the Kentucky Department of Education website (<a href="https://www.education.ky.gov">www.education.ky.gov</a>).

Table 24: County student and special education enrollment and school psychologist to student ratios for Region 7.

student rat	ios foi regioi	1 /.				
	Special Education	End of Year Total	% of All Students Enrolled in Special	Number of School	Ratio of Special Education Students to School	Ratio of Total Students to School
Region 7	Enrollment	Enrollment	Education	<b>Psychologists</b>	<b>Psychologists</b>	<b>Psychologists</b>
Ashland Ind.	549	3,359	16.3%	0	<i>549:0</i>	<i>3359:0</i>
Augusta Ind.	60	278	21.6%	0	60:0	278:0
Bath County	252	1,998	12.6%	0	252:0	1998:0
Boyd County	703	3,494	20.1%	1	703:1	3494:1
Bracken County	191	1,254	15.2%	0	191:0	1254:0
Carter County	930	4,971	18.7%	0	930:0	4971:0
Elliot County	381	1,200	31.8%	0	381:0	1200:0
Fairview Ind.	119	779	15.3%	0	119:0	<i>779:0</i>
Fleming County	373	2,517	14.8%	0.3	1242:1	8381:1
Greenup County	530	3,227	16.4%	0	530:0	3227:0
Johnson County	655	3,711	17.7%	2	328:1	1856:1
Lawrence County	484	2,692	18.0%	1	484:1	2692:1
Lewis County	421	2,490	16.9%	1	421:1	2490:1
Martin County	543	2,391	22.7%	1	543:1	2391:1
Mason County	434	2,773	15.7%	1	434:1	2773:1
Menifee County	270	1,193	22.6%	1	270:1	1193:1
Morgan County	433	2,223	19.5%	1	433:1	2223:1
Paintsville Ind.	86	986	.1%	0	86:0	986:0
Raceland Ind.	108	1,019	10.6%	0	108:0	1019:0
Robertson County	80	426	.2%	0	80:0	426:0
Rowan County	598	3,031	19.7%	2	299:1	1516:1
Russell Ind.	291	2,201	13.2%	0	291:0	2201:0
TOTAL	8,491	<i>4</i> 8,213	17.6%	11.3	751:1	4267:1

#### **Region 8**

School psychologists in this region report spending a mean of 0.3% of time in Medicaid billing, 0.0% in supervision of practicum/intern students, 0.0% in counseling, and 8.3% of time in consultation. School psychologists also report spending a mean of 11.7% of time in intervention/behavior management, 3.7% in research/creating professional development, and 7.0% in teacher/student assistance team meetings.



On average, school psychologists report spending most of their time in assessment with a mean of 68.3% of time in assessment duties. Additionally, school psychologists in this region report a mean of 132.5 assessment cases per academic year (SD = 38.622). School psychologists in this region also report attending a mean of 55 ARC meetings per academic year (SD = 49.497).

(n=3)	Percentage of Time Spent
Medicaid billing	0.3%
Supervision of practicum/intern students	0.0%
Research/creating professional development	3.7%
Counseling	0.0%
Teacher/student assistance team meetings	7.0%
Intervention/behavior management	11.7%
Consultation	8.3%
Assessment	68.3%

<sup>\*</sup>percentages in this section may not add up to 100% due to individual self reports of time often adding up to over 100%

In Region 8, school psychologists (n = 4) report an average salary amount of \$56,000.00 according to district. A cost of living comparison was computed for Pikeville, KY in Table 25.

Table 25: Cost of Living Comparison for Region 8:

Pikeville, KY (Pike County)	\$56,000
=	
Indianapolis, Indiana	\$61,254
Dayton, Ohio	\$60,921
Charleston, West Virginia	\$55,427
Richmond, Virginia	\$65,420
Nashville, Tennessee	\$53,437
St. Louis, Missouri	\$70,990
Peoria, Illinois	\$57,896
Anaheim, California	\$103,627
Sacramento, California	\$81,756
Manhattan, New York	\$147,065
Queens, New York	\$90,960

In Table 26, each county in Region 1 is presented along with its 2004-05 student and special education enrollment. In addition, each county was contacted regarding the number of school psychologists employed for the district. This data was used to calculate the ratio of school psychologists to students and school psychologists to special education population. The enrollment information was collected from the Kentucky Department of Education website (<a href="https://www.education.ky.gov">www.education.ky.gov</a>).

Table 26: County student and special education enrollment and school psychologist to student ratios for Region 8.

Region 8	Special Education Enrollment	End of Year Total Enrollment	% of All Students Enrolled in Special Education	Number of School Psychologists	Ratio of Special Education Students to School Psychologists	Ratio of Total Students to School Psychologists
Breathitt County	513	2,373	21.6%	1	513:1	2373:1
Floyd County	1,310	6,718	19.5%	1	1310:1	6718:1
Hazard Ind.	164	903	18.2%	0	164:0	903:0
Jackson Ind.	77	600	12.8%	0	<i>77:0</i>	600:0
Jenkins Ind.	100	589	17.0%	0	100:0	<i>589:0</i>
Knott County	518	2,760	18.8%	0	518:0	2760:0
Lee County	218	1,245	17.5%	0	218:0	1245:0
Leslie County	404	2,072	19.5%	0	404:0	2072:0
Letcher County	808	3,486	23.2%	1	808:1	3486:1
Magoffin County	436	2,393	18.2%	0	436:0	2393:0
Owsley County	135	812	16.6%	0	135:0	812:0
Perry County	987	4,426	22.3%	0	987:0	4426:0
Pike County	1,491	10,158	14.7%	1	1491:1	10,158:1
Pikeville Ind.	136	1,267	10.7%	0	136:0	1267:0
Wolfe County	275	1,343	20.5%	0	275:0	1343:0
TOTAL	7,572	41,145	18.4%	4	1893:1	10,286:1

#### Limitations

There are limitations to this report as is frequently the case when relying upon self-reports and data from various agencies and organizations. In this section, an effort is made to identify some of these shortcomings.

The first limitation of the report is that it contains dated material. The report is meant to be a snapshot of the school psychology profession in 2005. The data that was collected was the most current available. However, this information can become quickly outdated or inaccurate.

Second, some information for the report was obtained using website information. Examples include program descriptions for school psychology training programs, inflation calculators, and cost of living calculators. While we believe these to be accurate instruments, there may be outdated or inaccurate information contained on those websites. The website URL's are posted in the report for readers to check if they believe the information is inaccurate.

A third limitation is the reliance on survey data from both NASP and KAPS members for a bulk of job description and salary information. Self-report data can be inaccurate as survey respondents may not know the exact information requested. As a result, respondents make educated guesses. One example of this occurring can be seen on the estimates of percentage of time school psychologist spend on various activities. Most of these percentages add up to over 100%. Another caveat regarding the survey responders is that the KAPS members tended to be earlier in their careers than the NASP members. Also, the NASP sample consisted of only 18 school psychologists in the state and makes generalizations to the whole state difficult.

The final limitation is in regards to the school district breakdown of general student population, special education population, number of school psychologists, and the ratios of school psychologists to general student population and special education population. The general student population and special education population was gathered from the Kentucky Department of Education's database. The number of school psychologists was gathered from sources that included other school psychologists, special education directors, and superintendents from that district. Sometimes the number of school psychologists a district employed was difficult to calculate. We included full and part-time school psychologists hired as employees of the district to count in the total. Districts that contract services with their co-op region or other agencies were not included in the total.

#### APPENDIX A

#### **Special Education Cooperatives in Kentucky**

#### 1) West Kentucky Special Education Cooperative

Member Districts: (All of Region 1 County & Independent School Districts)

- Ballard County (Region 1)
- Caldwell County (Region 1)
- Calloway County (Region 1)
- Carlisle County (Region 1)
- Christian County (Region 1)
- Crittenden County (Region 1)
- Dawson Springs Independent (Region 1)
- Fulton County (Region 1)
- Fulton Independent (Region 1)
- Graves County (Region 1)
- Henderson County (Region 1)
- Hickman County (Region 1)
- Hopkins County (Region 1)
- Livingston County (Region 1)
- Lyon County (Region 1)
- Marshall County (Region 1)
- Mayfield Independent (Region 1)
- McCracken County (Region 1)
- Muhlenberg County (Region 1)
- Murray Independent (Region 1)
- Paducah Independent (Region 1)
- Providence Independent (Region 1)
- Trigg County (Region 1)
- Union County (Region 1)
- Webster County (Region 1)

#### 2) Caveland Educational Cooperative

Member Districts: (Region 2 County & Independent School Districts, excluding Counties & Ind. School Districts in the River Region Cooperative)

- Allen County (Region 2)
- Barren County (Region 2)
- Bowling Green Independent (Region 2)
- Butler County (Region 2)
- Caverna Independent (Region 2)
- Cumberland County (Region 2)
- Edmonson County (Region 2)
- Glasgow Independent (Region 2)
- Green County (Region 2)
- Hart County (Region 2)
- Logan County (Region 2)
- Metcalfe County (Region 2)
- Monroe County (Region 2)
- Russellville Independent (Region 2)
- Simpson County (Region 2)
- Todd County (Region 2)

• Warren County (Region 2)

#### 3) River Region Cooperative

Member Districts: (Region 2 County & Independent School Districts, excluding Counties & Ind. School Districts in the Caveland Educational Cooperative)

- Breckinridge County (Region 2)
- Cloverport Independent (Region 2)
- Daviess County (Region 2)
- Elizabethtown Independent (Region 2)
- Grayson County (Region 2)
- Hancock County (Region 2)
- Hardin County (Region 2)
- LaRue County (Region 2)
- McLean County (Region 2)
- Meade County (Region 2)
- Ohio County (Region 2)
- Owensboro Independent (Region 2)
- West Point Independent (Region 2)

#### 4) Jefferson County Exceptional Child Education Services

Member Districts: (Region 3 County & Independent School Districts, excluding Anchorage Ind.)

- Jefferson County (Region 3)
- Kentucky School for the Blind (Region 3)

#### 5) Ohio Valley Educational Cooperative Exceptional Children Services

Member Districts: (Region 4 County & Independent School Districts, excluding Counties & Ind. School Districts in the Northern Kentucky Coop, with addition of Anchorage Ind.)

- Anchorage Independent (Region 3)
- Bullitt County (Region 4)
- Carroll County (Region 4)
- Eminence Independent (Region 4)
- Gallatin County (Region 4)
- Grant County (Region 4)
- Henry County (Region 4)
- Oldham County (Region 4)
- Owen County (Region 4)
- Shelby County (Region 4)
- Spencer County (Region 4)
- Trimble County (Region 4)

#### 6) Northern Kentucky Cooperative for Educational Services

Member Districts: (Region 4 County & Independent School Districts, excluding Counties & Ind. School Districts in the Ohio Valley Educational Cooperative)

- Beechwood Independent (Region 4)
- Bellevue Independent (Region 4)
- Boone County (Region 4)
- Campbell County (Region 4)
- Covington Independent

- Dayton Independent (Region 4)
- Erlanger-Elsmere (Region 4)
- Ft. Thomas Independent (Region 4)
- Kenton County (Region 4)
- Ludlow Independent (Region 4)
- Newport Independent (Region 4)
- Pendleton County (Region 4)
- Silver Grove Independent (Region 4)
- Southgate Independent (Region 4)
- Walton-Verona Independent (Region 4)
- Williamstown Independent (Region 4)

#### 7) Central Kentucky Special Education Cooperative

Member Districts: (All of Region 5 County & Independent School Districts)

- Anderson County (Region 5)
- Bardstown Independent (Region 5)
- Bourbon County (Region 5)
- Boyle County (Region 5)
- Burgin Independent (Region 5)
- Clark County (Region 5)
- Danville Independent (Region 5)
- Fayette County (Region 5)
- Frankfort Independent (Region 5)
- Franklin County (Region 5)
- Harrison County (Region 5)
- Harrodsburg Independent (Region 5)
- Jessamine County (Region 5)
- Marion County (Region 5)
- Mercer County (Region 5)
- Montgomery County (Region 5)
- Nelson County (Region 5)
- Nicholas County (Region 5)
- Paris Independent (Region 5)
- Powell County (Region 5)
- Scott County (Region 5)
- Washington County (Region 5)
- Woodford County (Region 5)
- Kentucky School for the Deaf (Region 5)

#### 8) Upper Cumberland Special Education Cooperative

Member Districts: (Region 6 County & Independent School Districts, excluding Counties & Ind. School Districts in the Wilderness Trail Special Education Cooperative)

- Barbourville Independent (Region 6)
- Bell County (Region 6)
- Clay County (Region 6)
- Corbin Independent (Region 6)
- East Bernstadt Independent (Region 6)
- Harlan County (Region 6)
- Harlan Independent (Region 6)
- Jackson County (Region 6)
- Knox County (Region 6)

- Laurel County (Region 6)
- McCreary County (Region 6)
- Middlesboro Independent (Region 6)
- Pineville Independent (Region 6)
- Pulaski County (Region 6)
- Rockcastle County (Region 6)
- Whitley County (Region 6)
- Williamsburg Independent (Region 6)

#### 9) Wilderness Trail Special Education Cooperative

Member Districts: (Region 6 County & Independent School Districts, excluding Counties & Ind. School Districts in the Upper Cumberland Special Education Cooperative)

- Adair County (Region 6)
- Berea Independent (Region 6)
- Campbellsville Independent (Region 6)
- Casey County (Region 6)
- Clinton County (Region 6)
- Estill County (Region 6)
- Garrard County (Region 6)
- Lincoln County (Region 6)
- Madison County (Region 6)
- Monticello Independent (Region 6)
- Russell County (Region 6)
- Science Hill Independent (Region 6)
- Somerset Independent (Region 6)
- Taylor County (Region 6)
- Wayne County (Region 6)

#### 10) Big East Educational Cooperative

Member Districts: (All of Region 7 County & Independent School Districts)

- Ashland Independent (Region 7)
- August Independent (Region 7)
- Bath County (Region 7)
- Boyd County (Region 7)
- Bracken County (Region 7)
- Carter County (Region 7)
- Elliot County (Region 7)
- Fairview Independent (Region 7)
- Fleming County (Region 7)
- Greenup County (Region 7)
- Johnson County (Region 7)
- Lawrence County (Region 7)
- Lewis County (Region 7)
- Martin County (Region 7)
- Mason County (Region 7)
- Menifee County (Region 7)
- Morgan County (Region 7)
- Paintsville Independent (Region 7)
- Raceland Independent (Region 7)
- Robertson County (Region 7)
- Rowan County (Region 7)

• Russell Independent (Region 7)

## 11) Kentucky Valley Educational Cooperative

Member Districts: (All of Region 8 County & Independent School Districts)

- Breathitt County (Region 8)
- Floyd County (Region 8)
- Hazard Independent (Region 8)
- Jackson Independent (Region 8)
- Jenkins Independent (Region 8)
- Knott County (Region 8)
- Lee County (Region 8)
- Leslie County (Region 8)
- Letcher County (Region 8)
- Magoffin County (Region 8)
- Owsley County (Region 8)
- Perry County (Region 8)
- Pike County (Region 8)
- Pikeville Independent (Region 8)
- Wolfe County (Region 8)

#### APPENDIX B

## **Map of Kentucky Counties and Independent School Districts**

