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# Mechanisms of Financing Immunizations for Kansas Children

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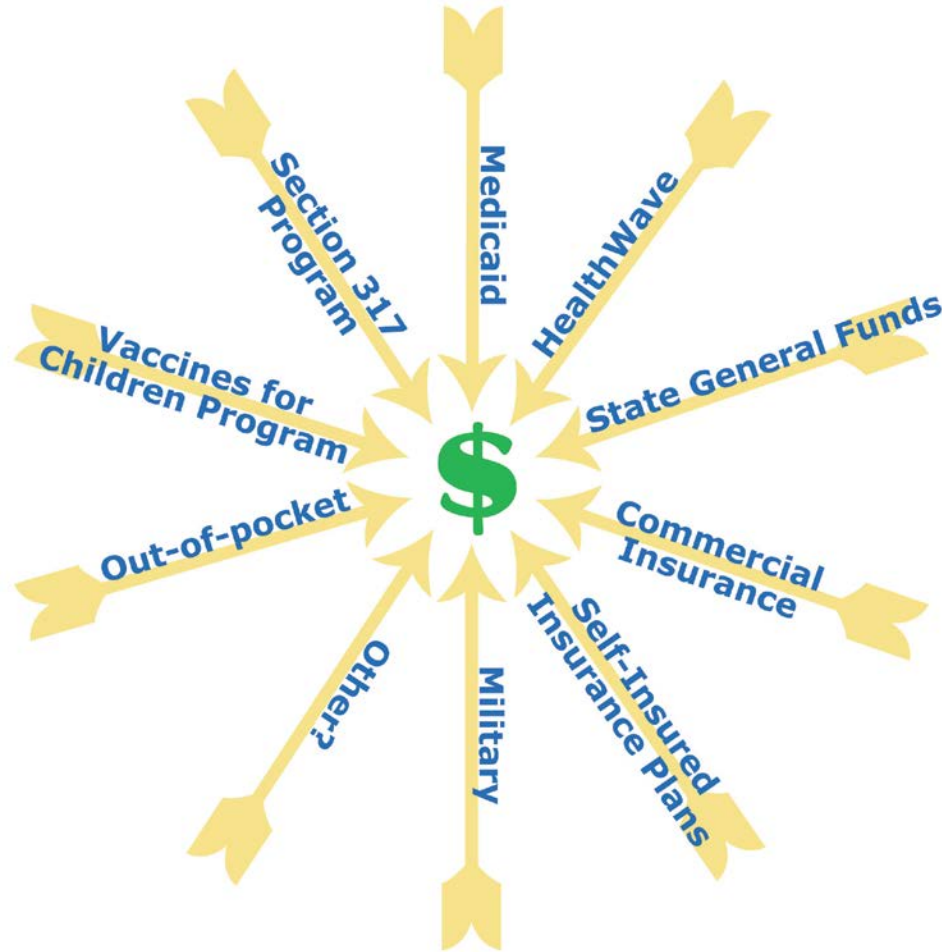
# Research Questions

- What are the sources of funding for immunizations to Kansas children?
- How much money do each of these sources devote to immunizations?
- What types of coverage are provided for childhood immunizations through government programs and public and private insurance plans in Kansas?
- What other state immunization models and policy issues are relevant and important?



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# Sources of Kansas Immunization Funding





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# Public Funding: Federal Sources

- Vaccines for Children (VFC)
  - Federal program provides immunizations for children who are uninsured, Medicaid recipients, Native Americans, and Alaska Natives
  - Vaccines provided at participating doctors' offices
  - Vaccines also provided to underinsured children at participating FQHCs and RHCs
- Section 317
  - Federal program provides immunizations for underinsured children and adults
- Military



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# Public Funding: State & Local Sources

- State General Funds
- State Aid to Local Health Departments
- Local Aid to Health Departments
- Medicaid & SCHIP



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# Public Funding: VFC, 317, and SGF

	VFC	317	SGF	TOTAL
2005	\$5,321,806	\$3,547,870	\$788,613	\$9,658,289
2004	\$3,809,091	\$2,539,394	\$674,896	\$7,023,381
2003	\$4,014,835	\$2,676,557	\$674,896	\$7,366,288



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# Public Funding: State Aid to LHDs

- Used mainly for staff and administrative support
- Amount used for vaccine purchase and administration of shots not known

	State Aid to LHDs
2005	\$345,913
2004	\$326,401
2003	\$341,339



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# Public Funding: Medicaid

- Data and Assumptions
  - Data represents vaccines for Kansas resident children ages 0-3 covered by Medicaid in 2003
  - MSIS database
  - Figures are preliminary; analysis still underway





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# Public Funding: Medicaid

- Expenditures = \$694,714 for 120,444 shots to 23,306 children
- Data issues
  - There's a large discrepancy in number of admin services and number of vaccines
    - VFC providers may bill for admin, but vaccines are provided through the program
  - About half of admin claims show no payment
    - These may represent capitated services by HealthWave providers



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# Private Funding: Commercial Insurance

- Kansas law requires all funded health insurance policies to cover routine and necessary immunizations for children ages 0-72 months with no copayment, deductible, or coinsurance requirements



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# Private Funding: Commercial Insurance

- Data and Assumptions
  - Data represents vaccines for Kansas resident children ages 0-3 covered by commercial insurance carriers in 2003
  - KHIS database
  - Figures are preliminary; analysis still underway



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# Private Funding: Commercial Insurance

- Expenditures = \$3,483,274 for 84,810 shots to 15,670 children
- Data issues
  - There's a large discrepancy in number of admin services and number of vaccines
    - Providers may not bill for admin (or may not bill for more than one vaccine admin)
    - Admin fees may be combined with payment for another service (e.g., E+M)



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# Private Funding: Self-Insured Plans

- Companies that fund their own health insurance plans are known as “self-insured”
- At least as many Kansans are covered by self-insured plans as by regulated commercial plans
- Self-insured plans are exempt from state insurance laws
  - Self-insured plans in our sample cover immunizations
  - Self-insured plans in our sample have no copays for immunization services, but may have coinsurance and deductibles



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# Private Funding: Self-Insured Plans

- Data and Assumptions
  - Six large employers provided data on immunizations for Kansas resident children ages 0-3 covered by their insurance plans
    - Five employers reported data for 2003-2005; one reported data for 2004-2005
    - One employer did not provide data for admin claims paid
    - Missing data imputed where appropriate
  - Figures are preliminary; analysis still underway



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# Self Insured Plans: 2003

- Expenditures = \$221,959 for 4,012 shots to 989 children
- Data issues
  - There's a large discrepancy in number of admin services and number of vaccines
    - Providers may not bill for admin (or may not bill for more than one vaccine admin)
    - Admin fees may be combined with payment for another service (e.g., E+M)



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# Self Insured Plans: 2004 & 2005

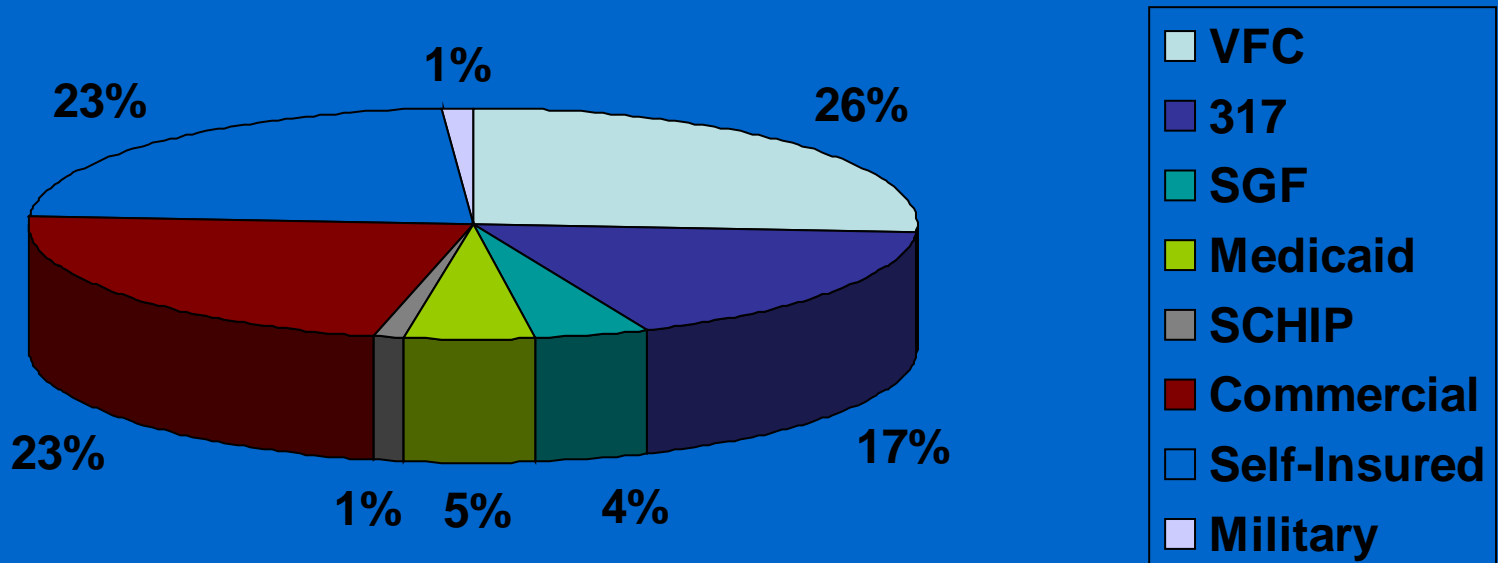
- 2004
  - Expenditures = \$368,507 for 5,408 shots to 1,476 children
- 2005
  - Expenditures = \$349,588 for 5,164 shots to 1,361 children





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# Sources of Funding: 2003 Estimate



TOTAL = > \$16 million



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