



University of New Mexico: Tobacco Settlement

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UNM HSC: Critical Needs Programs for New Mexico



Patient Care

Delivery of **comprehensive** and **unique** patient care

Education

Growing the **next generation** of Health Care Professionals Workforce



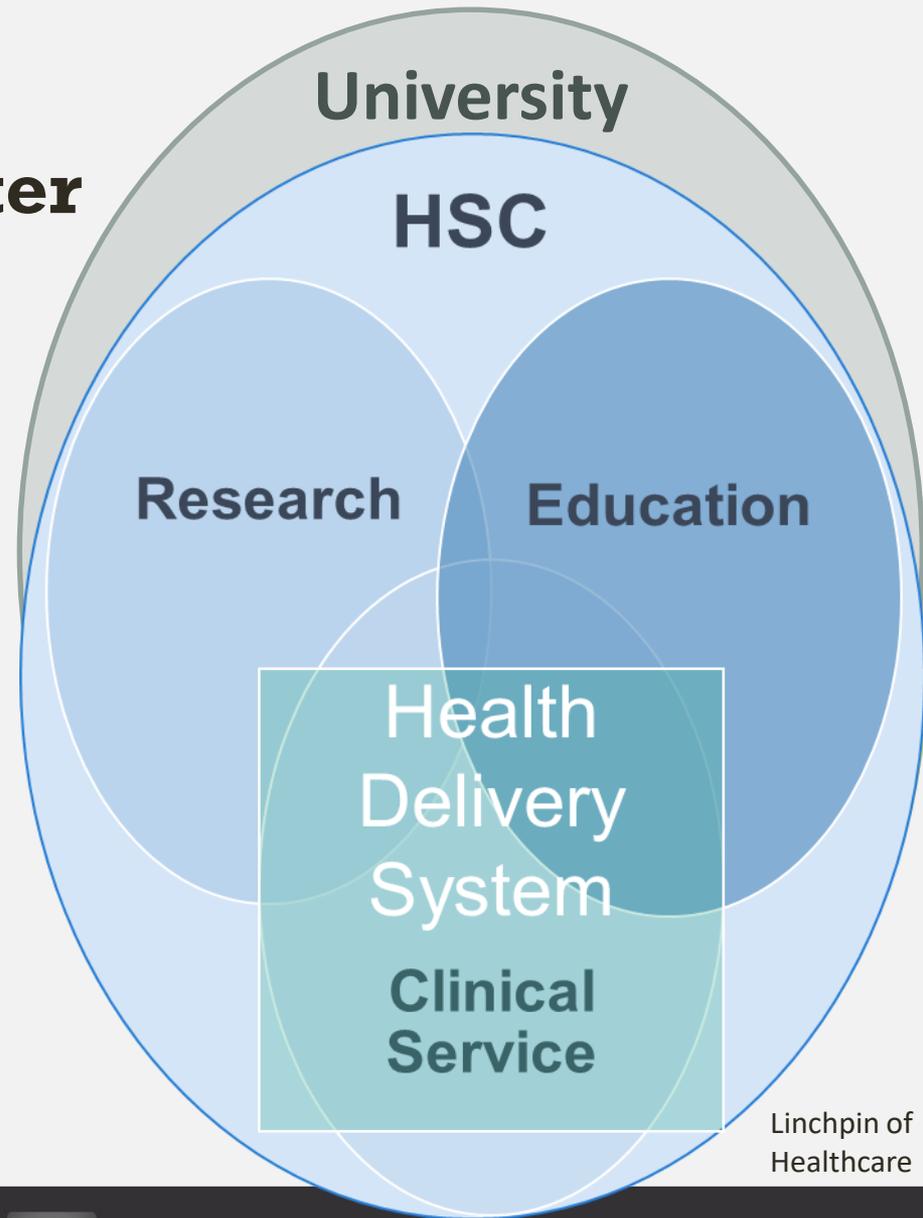
Research

Creating new **knowledge** to increase the **quality of life** for New Mexicans



UNM HSC: An Academic Health Center

- Neither purely **academic institution** or **health care providers**
- Compete in **health** and **marketplace**
- Engage in **biomedical research**
- Extensive **educational activities**



Tobacco Settlement Statute

- Supports **clinical care, education, and research** into tobacco related illnesses
 - Support of **biomedical research** with tobacco settlement funds
 - Funded **other needed** health-related programs



Cigarette Tax vs. Tobacco Settlement

- Tobacco Settlement supports **tobacco-related research and clinical care** at the entire UNM HSC
- Cigarette Tax (0.83%) supports **clinical care, education, and research** at the UNM Cancer Center



Tobacco Related Illnesses

Cancer

- Lung Cancer
- Esophagus Cancer
- Laryngeal Cancer
- Kidney Cancer
- Cervical Cancer
- Colorectal Cancer
- Leukemia/Lymphoma

Brain & Behavioral Illnesses

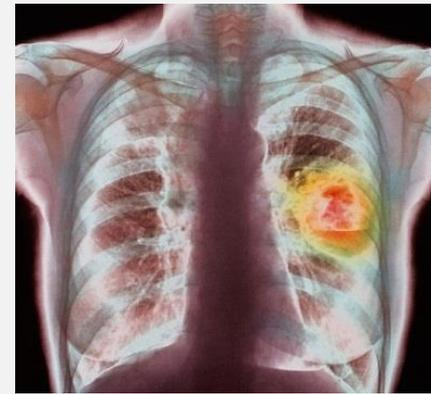
- Addiction
- Fertility in Women
- Impotence in Men
- SIDS
- Toxic Exposures

Infectious Disease and Immunity

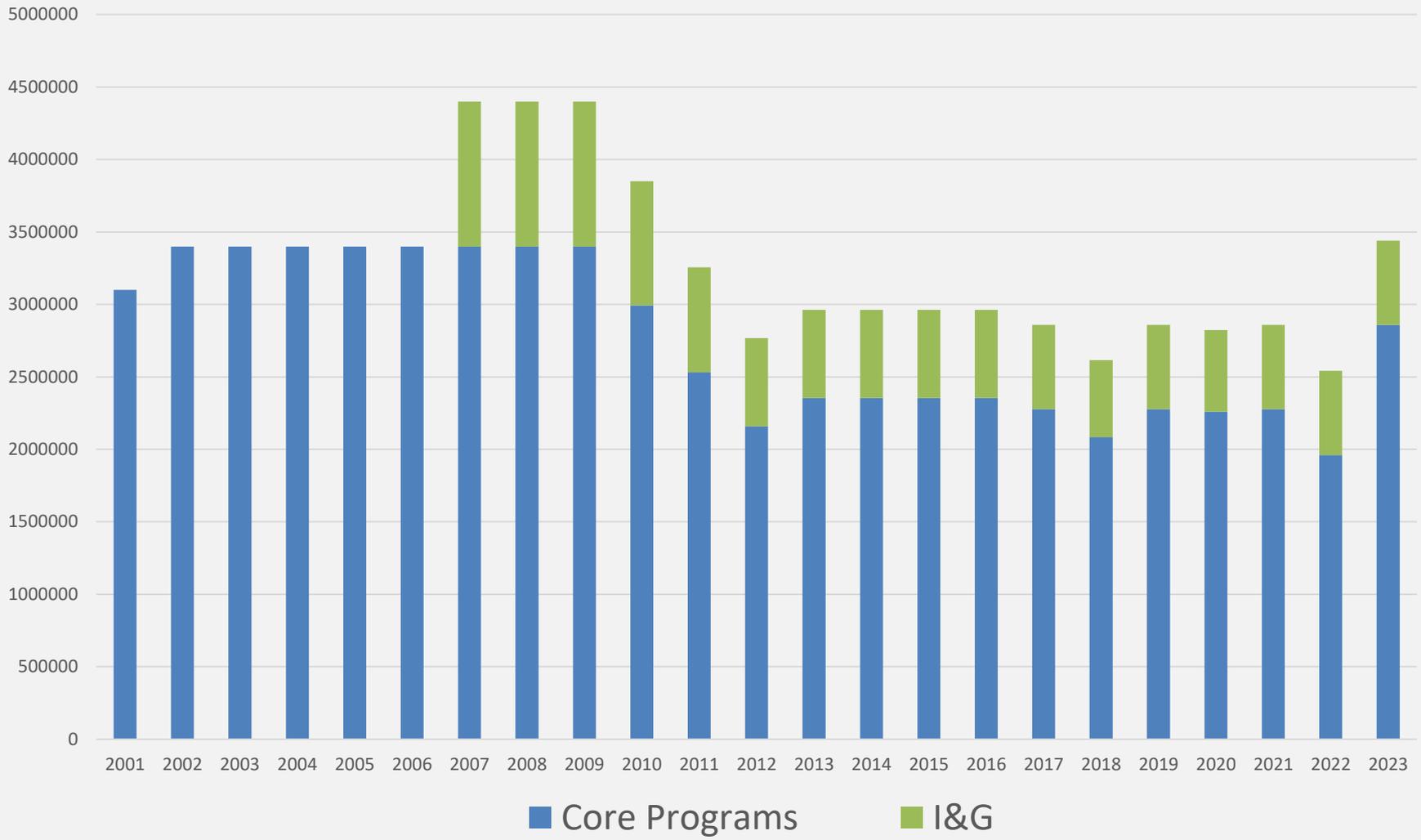
- Osteoporosis
- Delayed wound bleeding
- Palmoplantar pustulosis
- Psoriasis
- Increased incidence of back injury and broken bones

Diabetes and Vascular Diseases

- Coronary Heart Disease
- High Cholesterol
- Stroke
- Diabetes
- Emphysema
- Asthma
- Atherosclerosis



Changes Over the Last Decade



Programs Supported by Tobacco Settlement Funds

Core Projects

- NM Poison & Drug Information Center (FY22 Request: \$590,200; **Actual \$404,900**)
- Pediatric Oncology Program (FY22 Request: \$250,000; **Actual \$171,300**)
- *UNM HSC Biomedical Research (Genomics, Biocomputing & Environmental Health Research)* (FY22 Request: \$937,400; **Actual \$642,900**)

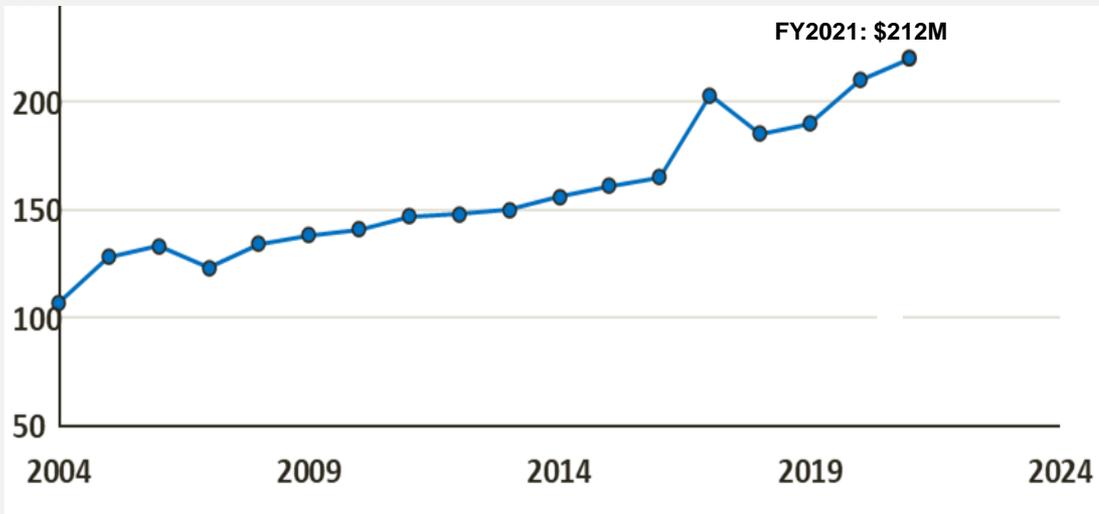


Instruction & General (I&G) Funds

- *Specialty Education Trauma* (FY22 Request: \$250,000; **Actual \$171,300**)
- *Specialty Education Pediatrics* (FY22 Request: \$250,000; **Actual \$171,300**)
- *Instruction and General Line Item (added in 2007)* (FY22 Request: \$581,500; **Actual \$398,700**)

UNM HSC Research Mission

Total HSC Research Funding, FY2004- FY2021



- Funded by federal government, private foundations and private companies
- Other universities have not been able to match growth.
- Tobacco settlement funds provide infrastructure to pilot funds to support growth.

UNM HSC Biomedical Research Genomics & Environmental Health

Benefit

- Pilot funds
- “Core” support
- Accelerating the translation of basic research into clinical practice



FY22 Amount: \$937,400

FY23 Request: \$937,400

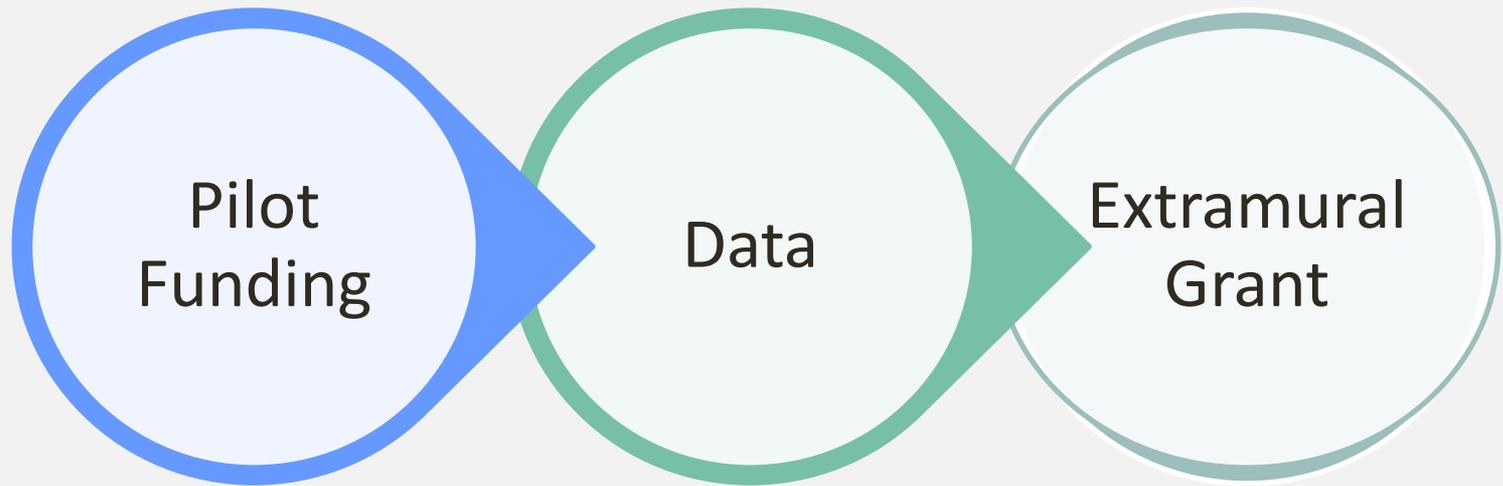
FY22 Actual Amount: \$642,900

31.44% Reduction

(Now known as UNM Comprehensive Program for Clinical and Basic Research, and Prevention of Tobacco-Related Illnesses in New Mexico)

Pilot Funding

- Pilot funding is the primary mechanism for obtaining federal support



- Funded 74 pilots (each pilot 25-50K)
- Since 2006, pilot funding from TSF returns \$10 – \$11 per \$1 invested.

Core Facilities

- Shared facilities that provide service to entire HSC community (genomics and biostatistics)
- Provide access to equipment that is otherwise unavailable
 - **Equipment is shared; among all faculty**
 - **Research that would otherwise not be possible**



Clinical and Intervention Trials

- Brings latest treatments and technologies to New Mexico
- **If trial not available, treatment not available in New Mexico**
- Each trial provides new treatment at no cost to patient
- Since 2001 Tobacco settlement funding has provided infrastructure support to **368 trials and 161 investigators**



Examples in Clinical Trials Center

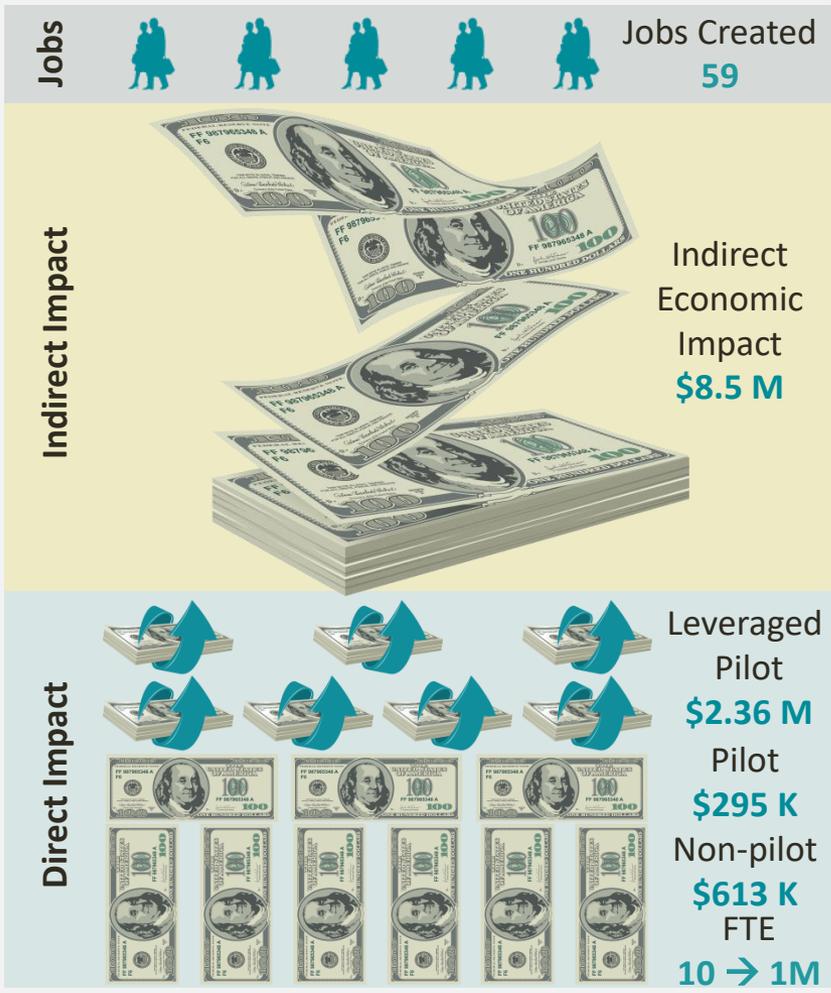
Pediatrics Trials involving kidney disease, Diabetes, Kidney Cancer, infectious disease, Asthma, Leukemia/Lymphoma and COVID-19 vaccination and treatment.



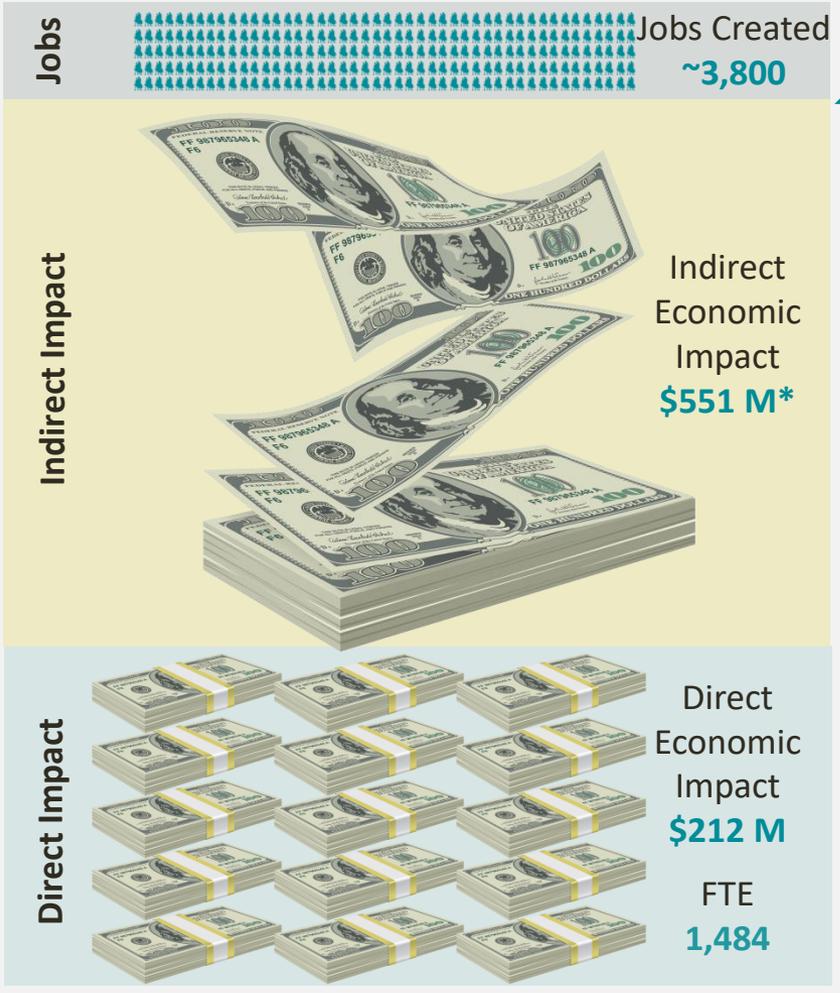
Adults' Trials studies involving heart disease, kidney disease, kidney cancer, Osteoporosis, High Cholesterol, Strokes, Diabetes, Emphysema, Asthma, fertility in Woman, Impotence in Men, addiction, Pulmonary Hypertension, and COVID-19 studies.

Estimated Economic Impact

Tobacco Settlement Funding



Total Research Funding



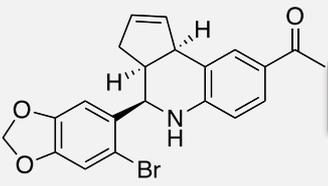
*Umbach (2011) *The Economic Impact of Publicly Funded Research Conducted by AAMC-Member Medical Schools and Teaching Hospitals* <https://www.aamc.org/download/265994/data/tripp-umbach-research.pdf>

GPER G-1 Development Group



Eric Prossnitz, Ph.D.
Professor

Identification of a novel drug to treat cardiovascular and metabolic disease (obesity and diabetes), which are negatively impacted by smoking tobacco.



- Recently formed NM Company:
 - Phase I STTR completed \$300K
 - Phase II STTR submitted \$200K based on data obtained from tobacco pilot funding

Multiple patents obtained:

- Method for treating obesity, diabetes, cardiovascular and kidney diseases by regulating GPR30/GPER activity:
- US Pat Nos. 10,251,870; 10,471,047; 10,682,341; 10,980,785



“A Novel Therapeutic for the treatment of diabetes & obesity”



Commercialization

- Since 2004, 61 new private companies were either spun off from the university or used university technology to start up.
- A total of 34 in NM, 24 in other states and 2 abroad



What Loss of Tobacco Settlement Means to New Mexico

- Risk of pending arbitration
- Loss of patient care services
- Loss of technology to provide research services and conduct research
- Loss of federal funds
- Loss of jobs (leveraged)
- Loss of economic activity



FY23

Tobacco Settlement Request

Tobacco Settlement Funds	FY21 Actual	FY22 Budget	FY22 Actual	FY23 Request
HSC Instruction & General	581,500	581,500	398,700	581,500
Research in Genomics and Environmental Health	937,400	937,400	642,900	937,400
Pediatric Oncology	250,000	250,000	171,300	250,000
New Mexico Poison & Drug Information Center	590,200	590,200	404,900	590,200
Specialty Education in Trauma	250,000	250,000	171,300	250,000
Specialty Education in Pediatrics	250,000	250,000	171,300	250,000
Total	2,859,100	2,859,100	1,960,400	2,859,100

Questions?