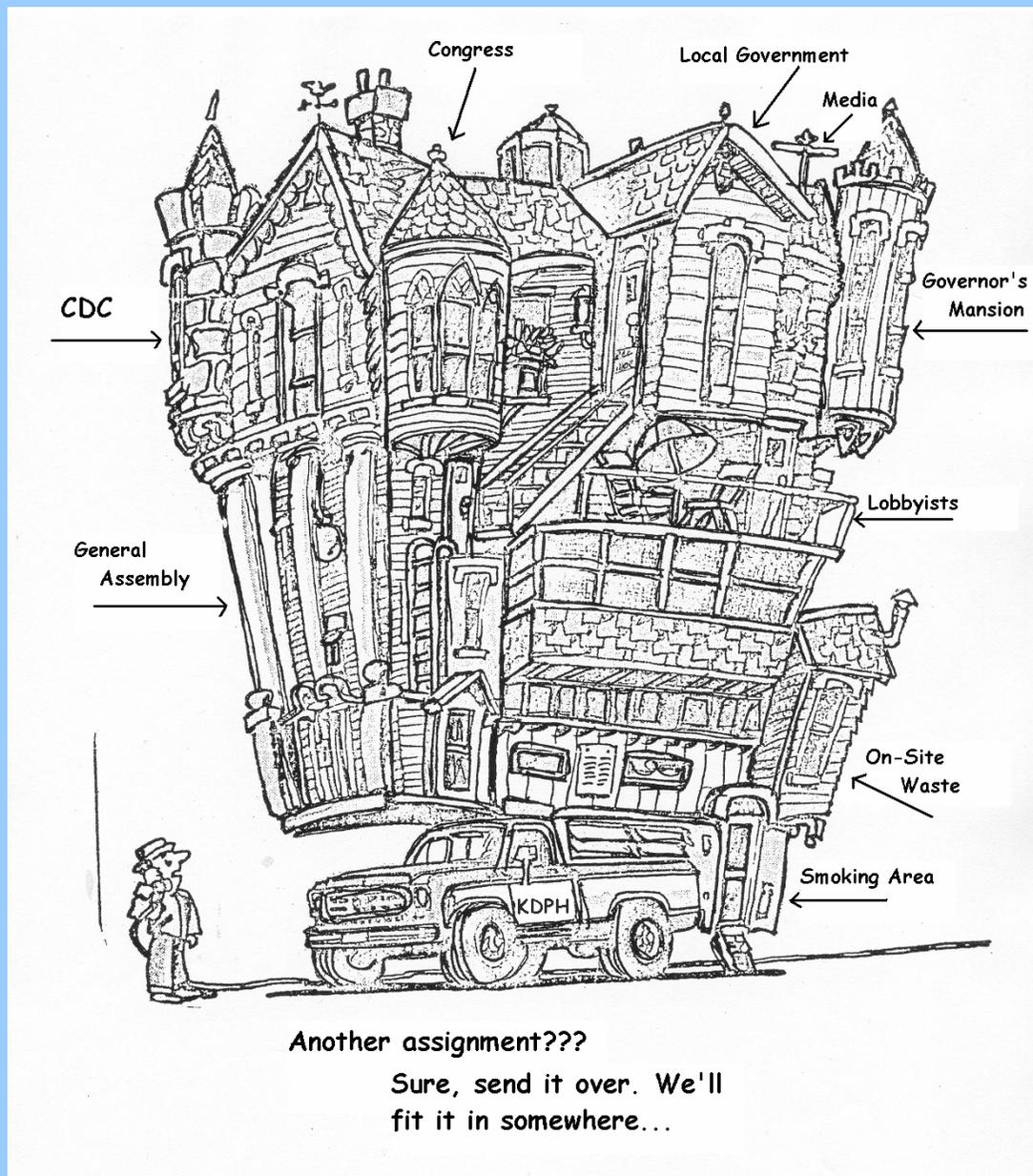


Public Health Information System: Kentucky Pererspective

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Commissioner, Kentucky
Department for Public Health

Role of the Commissioner



Operational Reality

- **Tuesday, May 18, 2004 1930 hrs**
- **“Dr. Leach—This is the duty officer at the EOC.**
- **They think they have a case of small pox at the hospital in London**
- **They have quarantined the hospital and**
- **We thought you might need to know about this.”**

Operational Reality

- **“The man is a foreign national**
- **He was driving down I-75 and got sick.**
- **He told the doctors he had small pox in 1990.**
- **He is from the Caribbean Islands.**
- **They have called the CDC.**
- **They want you to call Brian at the hospital.”**

Operational Reality

- **Tuesday, May 18 1945 hrs**
- **CDC Duty officer**
 - **“I am on the phone with your nurse epidemiologist”**
 - **“Let’ do a conference...I will set it up.”**
 - **Conclusions:**
 - **Low risk of small pox**
 - **Isolate the patient**
 - **Get names and addresses of contacts**

Operational Reality

- **3 day window for vaccination**
- **7-10 day window to become infectious**
- **OK to reopen the hospital**
- **Share this information with the team at the London Hospital**

Operational Reality

- **Tuesday, May 18, 20:00 hours**
- **“We closed the hospital because we thought it was the right thing to do.”**
- **“What do we do about the ambulance?”**
- **“What do we do about the people who were exposed?”**
- **“What are you going to tell the media?”**

Operational Reality

- **May 18, 2004 2100-2330 hrs**
- **This is Channel 27...CBS**
- **This is Channel 18...NBC**
- **This is the AP**
- **This is the Courier-Journal**
- **This is the EOC**
- **Rice, This is Fred Thompson at CDC...How can we help?**





Information I needed STAT!

- **Who has been vaccinated?**
- **Where are they?**
- **Have any local docs seen small pox?**
- **Where are they?**
- **Who has been cleared to vaccinate contacts?**
- **Has anyone else seen this situation recently?**

Information I needed STAT!

- **What are the laboratories reporting?**
- **What are the emergency rooms reporting?**
- **Who needs to know in Ohio?**
- **Who else needs to know in Kentucky?**
- **Do we have a prepared public statement?**

Protocols

- **What are the protocols**
- **What happens when protocols are not followed**
- **What do you do about it?**
- **What is the SOC?**
 - **Do the right thing for the patient**
 - **Do the right thing for the state**
 - **Do the right thing for the staff**
- **What did you do?**

PHIN—How will it help?

- **Health Alert Network**
 - **Role based resources**
 - **Integrated communication**
 - **Quick, accurate contact**
- **LIMS—aggregated lab data**
- **NEDSS (KEDSS)**
 - **Who is vaccinated**
 - **Who is exposed**
- **Outbreak Management System—incident data**

Current Barriers to PHIN

- **67 Independent Systems**
- **375 Reports**
- **Not integrated**
- **Not uniform**
- **No standard vocabularies**
- **Non-uniform messages**
- **CDC compliant**
- **HRSA Compliant**
- **SSA Compliant**
- **Dept of Ag Compliant**
- **Medicaid Compliant**

Local Barriers

- **Turnover in state IT leadership**
- **Budget driven CAP restrictions**
- **Budget driven Procurement Scrutiny**
- **Inadequate understanding of the advantages of a good PHIN**
- **Too much turf, not enough lawn**

What are we doing about it

- **University of Louisville School of Public Health and Informatics: brain trust**
- **Governor's Office of Technology: Ky Info Hiway**
- **Kentucky Hospital Association: Wants "IN"**
- **Kentucky Telehealth Board: general awareness of a "better way to skin the cat."**
- **KET: video/data support**

BT one year later

- **No such thing as your side of the canoe is leaking**
- **Talking to each other**
- **Understanding requirements**
- **Realizing natural partnerships**
- **Getting our stuff together**
- **Developing unified local voice**

PNIN in Daily Operations

- **Communicable Disease**
 - **Immunizations**
 - **Reportable conditions**
- **Maternal and Child Health**
 - **Childhood death registry**
 - **Metabolic Disease registry**
- **Chronic Disease**
 - **Diabetes, cardiovascular**
- **Public Health Regulation**
 - **Radiation, milk, food, lead**

Meanwhile, back at the ranch

- **If it stinks, bites, runs down the hill, or glows in the dark;**
- **If you try to sell it as food;**
- **If you don't know where to put it....**

•It's Mine!