

Issue Brief – Antiviral Medication Stockpile

SUMMARY

The State of Utah has begun preparations for a natural or man-made disaster. One natural disaster being prepared for is a pandemic influenza. Efforts are taking place at all levels of government from local, through state to federal. Amassing a stockpile of medication is one tangible step that can be taken to prepare for a possible pandemic outbreak.

OBJECTIVE

The objective of this funding request is to purchase an antiviral medication cache to treat patients for a pandemic influenza outbreak.

ISSUES AND DISCUSSION

The U.S. Department of Health and Human Services (DHHS) is stockpiling antivirals and is allocating them to states based on population. Purchases in FFY2006 brought the nation's stockpile of antivirals to 20 million courses by the end of the year (a course is the supply needed to treat one person). With anticipated FY2007 funding, HHS plans to order an additional 24 million courses which will likely be delivered in 2008.

Utah's Efforts

The DHHS has allowed states to purchase federally contracted supplies of antiviral medications to be used in treatment of patients affected by novel outbreaks of influenza. A novel strain of influenza might be highly pathogenic and vaccine probably would not be immediately available for use. Antiviral drugs currently are the only viable treatment for those contracting novel strains of influenza. Utah has been given the opportunity to purchase 246,956 courses of approved medications with a 25 percent subsidy from DHHS. The Centers for Disease Control and Prevention (CDC) will also stockpile an additional 350,518 courses for Utah. The total of CDC stockpiles and state purchased allotments (597,474 courses) is designed to treat 25 percent of Utah's population.

An additional 31 million courses (FY2006) are available for state purchase, with HHS providing a 25 percent subsidy. State allocation of this supply is listed in the table on the next page. Funding for the purchase of the Antiviral Medication Stockpile is subject to the spending limitation cap.

The table on the next page outlines the funding and program partnership between the federal and state governments for the development of an antiviral medication stockpile.

Funding Requirements

The CDC recommends a stockpile consisting of 80 percent Tamiflu and 20 percent Relenza. Current contract prices would enable Utah to purchase 54,047 courses of Tamiflu and 13,511 courses of Relenza for \$1 million.

The remaining subsidized allotment of 143,518 courses of Tamiflu and 35,879 courses of Relenza might be purchased using external funds from local governments and private organizations. A total cost for all courses allotted to Utah for purchase would be approximately \$3.6 million.

LEGISLATIVE ACTION

The Analyst recommends that the Utah State Legislature take advantage of this opportunity and purchase the recommended allotment for \$1 million.

The Analyst further recommends that the Legislature direct the Utah Department of Health to coordinate the purchase of the remaining allotment with local governments and private health care organizations.

States/Jurisdiction	Population	FEDERAL PURCHASES			STATE PURCHASES	Total
		20 million courses HHS F2006 Full federal purchase	24 million courses HHS FY2007 Expected federal purchase	44 million courses HHS FY2006 and FY2007 TOTAL federal expected purchase	31 million courses HHS FY2006 Optional state purchase with 25% federal subsidy	
Alabama	4,503,726	305,071	366,085	671,156	472,860	1,144,016
Alaska	648,280	43,913	52,695	96,608	68,065	164,673
Arizona	5,579,222	377,922	453,507	831,429	585,780	1,417,209
Arkansas	2,727,774	184,773	221,727	406,500	286,397	692,897
California	25,591,206	1,733,484	2,080,180	3,813,664	2,686,899	6,500,563
LA County	9,871,506	668,671	802,405	1,471,076	1,036,440	2,507,516
Colorado	4,547,633	308,045	369,654	677,699	477,470	1,155,169
Connecticut	3,486,960	236,198	283,437	519,635	366,107	885,742
Delaware	818,166	55,420	66,505	121,925	85,902	207,827
DC	557,620	37,772	45,326	83,098	58,546	141,644
Florida	16,999,181	1,151,481	1,381,778	2,533,259	1,784,796	4,318,056
Georgia	8,676,460	587,721	705,266	1,292,987	910,968	2,203,955
Hawaii	1,248,755	84,588	101,505	186,093	131,111	317,203
Idaho	1,367,034	92,599	111,119	203,719	143,529	347,248
Illinois	9,779,966	662,470	794,964	1,457,434	1,026,829	2,484,263
Chicago	2,869,121	194,347	233,216	427,563	301,238	728,801
Indiana	6,199,571	419,943	503,932	923,875	650,912	1,574,787
Iowa	2,941,976	199,282	239,138	438,420	308,887	747,308
Kansas	2,724,786	184,570	221,484	406,054	286,084	692,138
Kentucky	4,118,189	278,956	334,747	613,703	432,381	1,046,084
Louisiana	4,493,665	304,389	365,267	669,657	471,804	1,141,461
Maine	1,309,205	88,682	106,419	195,101	137,457	332,558
Maryland	5,512,310	373,390	448,068	821,458	578,754	1,400,212
Massachusetts	6,420,357	434,899	521,878	956,777	674,093	1,630,870
Michigan	10,082,364	682,954	819,545	1,502,498	1,058,578	2,561,077
Minnesota	5,064,172	343,034	411,641	754,675	531,703	1,286,378
Mississippi	2,882,594	195,260	234,312	429,571	302,652	732,224
Missouri	5,719,204	387,404	464,885	852,290	600,477	1,452,766
Montana	918,157	62,194	74,632	136,826	96,400	233,226
Nebraska	1,737,475	117,692	141,231	258,923	182,423	441,346
Nevada	2,242,207	151,881	182,258	334,139	235,416	569,555
New Hampshire	1,288,705	87,294	104,752	192,046	135,305	327,351
New Jersey	8,642,412	585,415	702,498	1,287,913	907,393	2,195,307
New Mexico	1,878,562	127,249	152,699	279,948	197,236	477,184
New York	11,126,683	753,693	904,432	1,658,125	1,168,225	2,826,350
New York City	8,085,742	547,708	657,249	1,204,957	848,947	2,053,904
North Carolina	8,421,190	570,430	684,516	1,254,946	884,167	2,139,113
North Dakota	633,400	42,905	51,486	94,391	66,503	160,893
Ohio	11,437,680	774,759	929,711	1,704,471	1,200,877	2,905,347
Oklahoma	3,506,469	237,519	285,023	522,543	368,155	890,697
Oregon	3,564,330	241,439	289,726	531,165	374,230	905,395
Pennsylvania	12,370,761	837,964	1,005,557	1,843,521	1,298,844	3,142,365
Rhode Island	1,076,084	72,891	87,469	160,361	112,981	273,342
South Carolina	4,148,744	281,025	337,230	618,256	435,589	1,053,845
South Dakota	764,905	51,813	62,175	113,988	80,310	194,298
Tennessee	5,845,208	395,940	475,128	871,067	613,706	1,484,773
Texas	22,103,374	1,497,227	1,796,672	3,293,899	2,320,701	5,614,600
Utah	2,352,119	159,327	191,192	350,518	246,956	597,475
Vermont	619,343	41,953	50,343	92,296	65,027	157,323
Virginia	7,365,284	498,906	598,687	1,097,593	773,304	1,870,896
Washington	6,131,298	415,319	498,382	913,701	643,744	1,557,445
West Virginia	1,811,440	122,702	147,243	269,945	190,189	460,134
Wisconsin	5,474,290	370,815	444,977	815,792	574,763	1,390,555
Wyoming	502,111	34,012	40,814	74,826	52,718	127,544
Puerto Rico	3,877,881	262,678	315,213	577,891	407,151	985,042
American Samoa	57,884	3,921	4,705	8,626	6,077	14,703
Guam	163,593	11,081	13,298	24,379	17,176	41,555
Northern Marianas Islands	76,129	5,157	6,188	11,345	7,993	19,338
Virgin Islands	108,814	7,371	8,845	16,216	11,425	27,640
Fed States of Micronesia	108,143	7,325	8,790	16,116	11,354	27,470
Marshall Islands	56,429	3,822	4,587	8,409	5,925	14,334
Palau	19,717	1,336	1,603	2,938	2,070	5,008
Total	295,257,566	20,000,000	24,000,000	44,000,000	31,000,000	75,000,000