



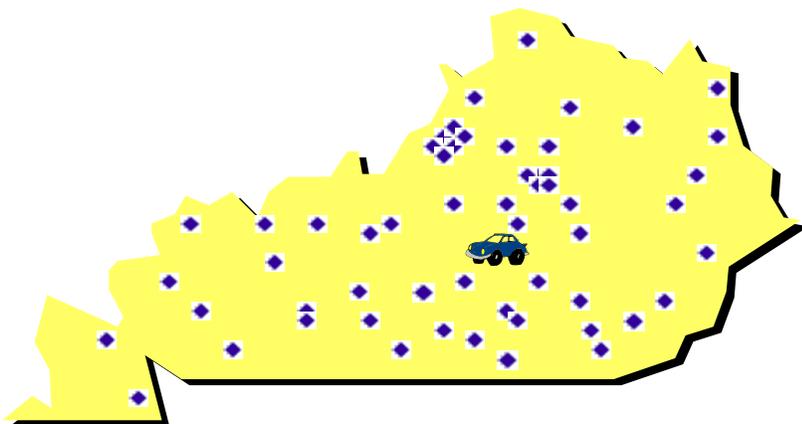
The SPHL appreciates all of your time and effort that is spent on Bioterrorism Preparedness!!!

WHAT BUGS YOU !

by Erin Earles

The Kentucky Laboratory Sentinel

SENTINEL SITES AROUND THE STATE



Ashland Barbourville Bardstown Bowling Green (2) Campbellsville Columbia Corbin
 Cynthiana Danville Edgewood Elizabethtown Fort Knox Frankfort Georgetown Glasgow
 Hardinsburg Harrodsburg Hartford hazard Henderson Hopkinsville Horse Cave Hyden
 LaGrange Lexington (5) London Louisville (6) Manchester Mansville Marion Monticello Morehead
 Mt. Vernon Murray Owensboro Paducah Paintsville Pikeville Prestonsburg Princeton Richmond
 Russell Springs Somerset Tompkinsville West Somerset Winchester

The key to preventing the spread of a foodborne illness lies in a rapid assessment by state laboratory microbiologists and epidemiologists. The success of the investigation greatly depends on sentinel laboratories sending all *Salmonella*, *Shigella*, and *E. coli* O157:H7 isolates to the state lab. Once the isolates are received, biochemical and serological testing procedures are performed in order to confirm the genus and species of the enteric pathogen. Once that is accomplished, Pulse Field Gel Electrophoresis (PFGE) is completed on the isolates. The process of PFGE slices specific segments of the bacteria's DNA and compares it to another bacteria's DNA of the same genus and species. The data collected from these procedures is then used by the epidemiologists in order to determine the common source of the outbreak.

Each enteric pathogen isolate sent to the state lab helps to put together pieces of a puzzle. Additional information such as the patient's home address and date of specimen collection are also very important pieces of the epidemiological puzzle. In order to quickly determine the outbreak source, it is crucial that samples are sent as soon as possible. The more time that passes between specimen collection and state laboratory testing makes it harder to determine and thus stop the spread of the disease. In fact, tracking of foodborne disease is so important that several surrounding states, have passed state laws requiring sentinel laboratories to send in all isolates related to enteric disease. This is currently not a law in the state of Kentucky, but hopefully will be in the near future. Until then, the cooperation of sentinel laboratories across the state is appreciated and necessary in preventing the spread of foodborne outbreaks.

PUZZLER

HOW MANY ACRONYMS DO YOU KNOW?

NLTN	PFGE	FDA
CFR	CAP	DOD
ASCLS	BPRP	HRSA

Suggestions or ideas for future communications - email leighann.bates@mail.state.ky.us

Sentinel Protocols for Agents of Bioterrorism

If you need any information regarding protocols, please feel free to contact us. When we visit your lab, we will be bringing the CDC Bioterrorism Response Guide for Clinical Laboratories. This is a great resource for pictures and flow chart protocols for your Bioterrorism books.

CDC has requested ASM to develop and maintain sentinel laboratory protocols. Minor discrepancies may exist between existing LRN and newly written ASM protocols. Your lab, may use either document. The ASM protocols are written from a clinical microbiology standpoint and may not fully match the reference laboratory processes. The ASM protocols are submitted to CDC for technical content review and comment by respective CDC Subject Matter Experts. Efforts will continue to fully align the LRN's and ASM's protocols to minimize minor differences while maintaining and ensuring the protocol's technical accuracy.

The sentinel protocols are located on the ASM website.

www.asm.org

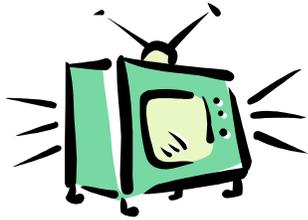
*Biological Weapons Resources *Detection & Treatment—Sentinel Laboratory Protocols

Inside Story Headline

This story can fit 150-200 words.

One benefit of using your newsletter as a promotional tool is that you can reuse content from other marketing materials, such as press releases, market studies, and reports.

While your main goal of distributing a newsletter might be to sell your product or service, the key to a successful newsletter is making it useful to your



Caption describing picture or graphic.

readers.

A great way to add useful content to your newsletter is to develop and write your own articles, or include a calendar of upcoming events or a special offer that promotes a new product.

You can also research articles or find "filler" articles by accessing the World Wide Web. You can write about a variety of topics

but try to keep your articles short.

Much of the content you put in your newsletter can also be used for your Web site. Microsoft Publisher offers a simple way to convert your newsletter to a Web publication. So, when you're finished writing your newsletter, convert it to a Web site and post it.

Inside Story Headline

This story can fit 100-150 words.

The subject matter that appears in newsletters is virtually endless. You can include stories that focus on current technologies or innovations in your field.

You may also want to note business or economic trends, or make predictions for your customers or clients.

If the newsletter is distributed internally, you might comment upon new pro-

cedures or improvements to the business. Sales figures or earnings will show how your business is growing.

Some newsletters include a column that is updated every issue, for instance, an advice column, a book review, a letter from the president, or an editorial. You can also profile new employees or top customers or vendors.

"To catch the reader's attention, place an interesting sentence or quote from the story here."

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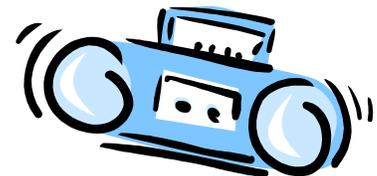
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Selecting pictures or graphics is an important part of adding content to your newsletter.

Think about your article and ask yourself if the picture supports or enhances the message you're trying to convey. Avoid selecting images that appear to be out of context.

Microsoft Publisher includes thousands of clip art images from which you can choose and import into your newsletter. There are also several tools you can use to draw shapes and symbols.

Once you have chosen an image, place it close to the article. Be sure to place the caption of the image near the image.



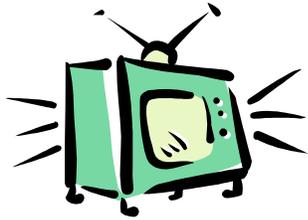
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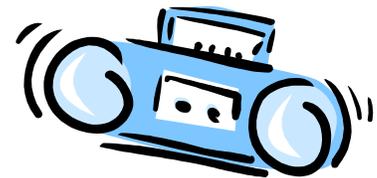
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100 Sower Blvd.
Suite 204
Frankfort, KY 40601

Phone: 502-564-4446
Fax: 502-564-7019
Email: xyz@microsoft.com

► Your business tag line here.

We're on the Web!
example.microsoft.com



Organization

Back Page Story Headline

This story can fit 175-225 words.

If your newsletter is folded and mailed, this story will appear on the back. So, it's a good idea to make it easy to read at a glance.

A question and answer session is a good way to quickly capture the attention of readers. You can either compile questions that you've received since the last edition or you can summarize some generic questions that are frequently asked about your organization.

A listing of names and titles of managers in your organization is a good way to give your newsletter a personal touch. If your organization is small, you may want to list the names of all employees.

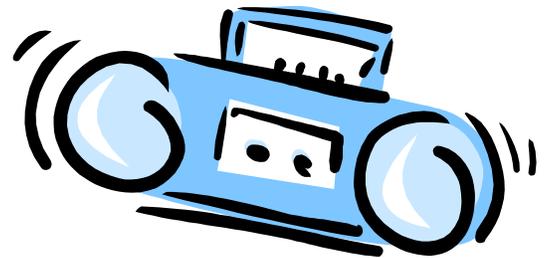
If you have any prices of standard products or services, you can include a listing of those here. You may want to refer your readers to any other forms of communication that you've created for your organization.

You can also use this space to remind readers to mark their calendars for a regular event, such as a breakfast meeting for vendors every third Tuesday of the month, or a biannual charity auction.

If space is available, this is a good place to insert a clip art image or some other graphic.

This would be a good place to insert a short paragraph about your organization. It might include the purpose of the organization, its mission, founding date, and a brief history. You could also include a brief list of the types of products, services, or programs your organization offers, the geographic area covered (for example, western U.S. or European markets), and a profile of the types of customers or members served.

It would also be useful to include a contact name for readers who want more information about the organization.



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