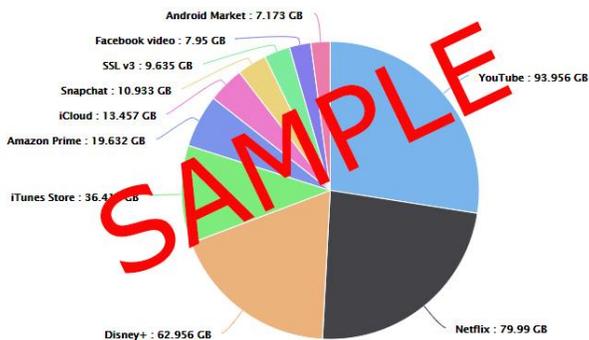***Mid-Rivers bills include a pie chart for Internet customers showing the TYPES of Internet data used during the current billing period.***

Customers with more than one Internet connection can use SmartHub or the My Mid-Rivers app to view detailed usage for all connections.

Sometimes you may see descriptions that are unfamiliar. The key below can help you determine the possible sources of that usage. **Not all possible descriptions are shown here**, so if you have questions you can always contact us.

CDN	There are several different Content Delivery Network (CDN) providers like **Akamai, AWS, CloudFront, AOL, Limelight** and others that may show up on your usage. A CDN is a group of servers that helps minimize delays in loading web page content by reducing the physical distance between the server and the end user. CDNs deliver a variety of content including 4K and HD video, audio streams, apps, games, OS updates, data records and much more. Learn more at https://www.akamai.com/us/en/cdn/what-is-a-cdn.jsp
DNS	Domain Name Service (DNS) is the "phone book" of the Internet. When you go to a site like www.midrivers.com, your browser connects with a DNS server to translate "midrivers.com" into our IP (Internet Protocol) address. When you access any Internet resource, one or more "DNS lookups" takes place. Many sites use content from several different sites, so each site referenced on the page must also be looked up. Each lookup is small (about 100 bytes) and typically will not show up as one of the top ten types of traffic. ***A large amount of this traffic could be an indicator of some type of malware or directed attack.***
Flash video over HTTP	Streaming media, such as video content on YouTube, Amazon or other streaming applications.
FTP Transfer	File Transfer Protocol (FTP) is used to transfer electronic files, typically larger files, from one computer to another.
HTTP or HTTP Download	Hypertext Transfer Protocol (HTTP) is the set of rules for transferring files (text, graphic images, sound, video, and other multimedia files) on the Internet. As soon as you open a web browser, you are using HTTP.
HTTP Media Stream	Another type of Internet protocol for streaming media, such as video content or music/audio.
HTTP2 over TLS	Transferring files over the Internet using a secure protocol. Typically, Internet addresses that start with "https."
NTP	Network Time Protocol (NTP) is a networking protocol for syncing a group of computers to the Coordinated Universal Time (UTC). Networks use NTP for many functions like scheduled data backups. ***A large amount of this traffic could be an indicator of some type of malware or directed attack.***
Other Usage	Combined usage of from all other applications that are not in the Top 10 and listed separately.
SSL v3	Secure Socket Layer (SSL) is an encryption security protocol used to secure websites or other communications. This could include any website you log in to for secure access or other secure applications.
Steam	A platform for downloading, playing, discussing and creating online games.
Twitch	An online site that allows users to watch or broadcast live streaming or pre-recorded video of video games, often including commentary like a live sports broadcast.
Unknown	Information on the source of the data wasn't readily available at the time bills were generated or the traffic was unidentified.
UpLynk	Enables multiscreen playback with a single streaming adaptive video format.