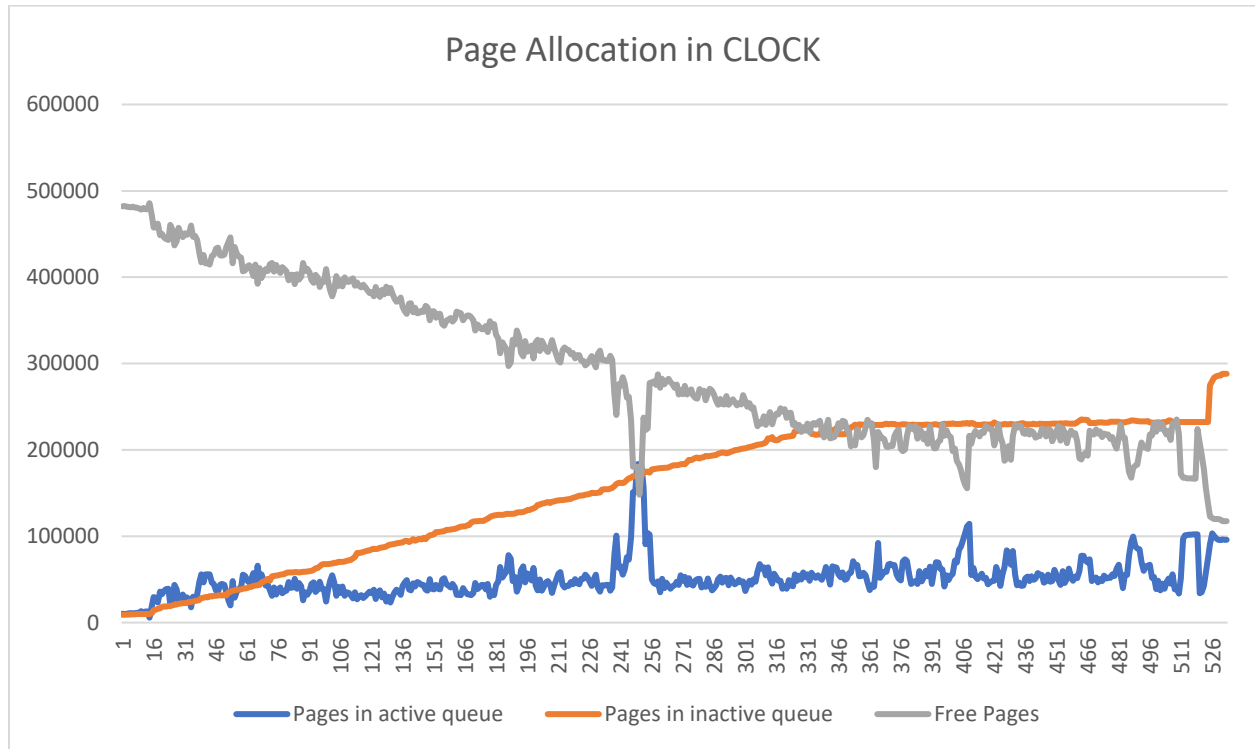Graph for the original page implementation.

We added functionality to track how many pages were in each and tested on building a kernel. Data was extracted from /var/log/messages.

Page Allocation in CLOCK

Pages in active queue — Pages in inactive queue — Free Pages

Graphs for our FIFO queue

Along side adding variables to track, we modified the CLOCK implementation to be a FIFO queue for paging. Instead of a cache queue, we tracked the laundry queue.

Pages in laundry queue l

Free Pages vs Pages in Active Queue