Expected Output Errors

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Cisco Nexus hardware -EX, -FX1-3, and N93xxC can show output errors on internal interface counters and cause a fault (F119936) to be raised in ACI environments. As long as the output error counters under **show interface** remains unchanged, this is an expected behavior.

Also, note that the **show platform internal counters port** output error will increment. However, if checking the same port with **show interface**, the output error rate will not increment.

This section provides an example of the expected output errors.

```
module-1# show platform internal counters port 51
Stats for port 51
(note: forward drops includes sup redirected packets too)
IF          LPort                 Input                      Output
                          Packets      Bytes        Packets      Bytes
eth-1/51    51  Total     669974    110547179       692398    194500094
                  Unicast    112138     30292113       439809    161274739
                  Multicast       0            0       251315     33075023
                  Flood      261736     32880023         1274       150332
              Total Drops    296100                    261736
                  Buffer          0                         0
                  Error           0                    261736
                  <...>

leaf-101# show interface ethernet 1/51
Ethernet1/51 is up
admin state is up, Dedicated Interface
  Hardware: 1000/10000/100000/40000 Ethernet, address: 0000.0000.0000 (bia a023.9f56.48f3)
  MTU 9366 bytes, BW 40000000 Kbit, DLY 1 usec
  reliability 255/255, txload 1/255, rxload 1/255
  Encapsulation ARPA, medium is broadcast
  Port mode is routed
  full-duplex, 40 Gb/s, media type is 40G
  FEC (forward-error-correction) : disable-fec
  Beacon is turned off
  Auto-Negotiation is turned on
  Input flow-control is off, output flow-control is off
  Auto-mdix is turned off
  Rate mode is dedicated
  Switchport monitor is off
  EtherType is 0x8100
```

```
EEE (efficient-ethernet) : n/a
Last link flapped 1d14h
Last clearing of "show interface" counters never
1 interface resets
30 seconds input rate 4912 bits/sec, 3 packets/sec
30 seconds output rate 1944 bits/sec, 2 packets/sec
Load-Interval #2: 5 minute (300 seconds)
  input rate 3360 bps, 2 pps; output rate 10504 bps, 4 pps
L3 in Switched:
  ucast: 0 pkts, 0 bytes - mcast: 0 pkts, 0 bytes
L3 out Switched:
  ucast: 0 pkts, 0 bytes - mcast: 0 pkts, 0 bytes
RX
  352942 unicast packets  317417 multicast packets  0 broadcast packets
  670359 input packets  110608007 bytes
  8643 jumbo packets  0 storm suppression bytes
  0 runts  0 giants  0 CRC  0 no buffer
  0 input error  0 short frame  0 overrun   0 underrun  0 ignored
  0 watchdog  0 bad etype drop  0 bad proto drop  0 if down drop
  0 input with dribble  0 input discard
  0 Rx pause
TX
  417109 unicast packets  275682 multicast packets  0 broadcast packets
  692791 output packets  194559643 bytes
  7173 jumbo packets
  0 output error  0 collision  0 deferred  0 late collision
  0 lost carrier  0 no carrier  0 babble  0 output discard
  0 Tx pause
```