

### APERTURE



f/16

f/11

f/8

f/5.6

f/4

f/2.8

f/2

f/1.4



DEEP DEPTH OF FIELD  
LESS LIGHT IN  
SLOWER SHUTTER  
BACKGROUND LESS OUT OF FOCUS  
LANDSCAPE PHOTOGRAPHY

SHALLOW DEPTH OF FIELD  
MORE LIGHT IN  
FASTER SHUTTER  
MAKES BACKGROUND MORE OUT OF FOCUS  
SPORTS & EVENT PHOTOGRAPHY

### SHUTTER SPEED

1/1000 1/500 1/250 1/125 1/60 1/30 1/15 1/8 1/4 1/2 1 2 4 8 15 30



LESS LIGHT IN  
SHARPER IMAGE  
MAY REQUIRE FLASH

MORE LIGHT IN  
LESS SHARP IMAGE  
MAY REQUIRE TRIPOD

### ISO

12800 6400 3200 1600 800 400 200 100



PROS: REQUIRES LESS LIGHT  
CONS: LOWER IMAGE QUALITY - NOISE

CONS: REQUIRES MORE LIGHT  
PRO: BETTER IMAGE QUALITY

### EXPOSURE

CANON



EVENLY EXPOSED

OVER EXPOSED

UNDER EXPOSED

NIKON

