

Production	Cross section (pb)		Decay channel	Branching ratio (%)
process	$\sqrt{s} = 7 \text{ TeV}$	$\sqrt{s} = 8 \text{ TeV}$		
ggF	$15.0 \pm 1.6$	$19.2 \pm 2.0$	$H \rightarrow b\bar{b}$	$57.1 \pm 1.9$
VBF	$1.22 \pm 0.03$	$1.57 \pm 0.04$	$H \rightarrow W W^*$	$22.0 \pm 0.9$
$WH$	$0.573 \pm 0.016$	$0.698 \pm 0.018$	$H \rightarrow g g$	$8.53 \pm 0.85$
$ZH$	$0.332 \pm 0.013$	$0.412 \pm 0.013$	$H \rightarrow \tau\tau$	$6.26 \pm 0.35$
$b\bar{b}H$	$0.155 \pm 0.021$	$0.202 \pm 0.028$	$H \rightarrow c\bar{c}$	$2.88 \pm 0.35$
$t\bar{t}H$	$0.086 \pm 0.009$	$0.128 \pm 0.014$	$H \rightarrow Z Z^*$	$2.73 \pm 0.11$
$tH$	$0.012 \pm 0.001$	$0.018 \pm 0.001$	$H \rightarrow \gamma\gamma$	$0.228 \pm 0.011$
Total	$17.4 \pm 1.6$	$22.3 \pm 2.0$	$H \rightarrow Z\gamma$	$0.157 \pm 0.014$
			$H \rightarrow \mu\mu$	$0.022 \pm 0.001$