

# Level - Benefit Insurance

Policy	Notation for $E(z)$	Formula for $E(z)$	$E(z^2)$
whole life	$\bar{A}_x$	$\int_0^{\infty} v^t {}_tP_x \mu_{x+t} dt$	${}^2\bar{A}_x$
n-year term life	$\bar{A}_{x:\overline{n} }^1$	$\int_0^n v^t {}_tP_x \mu_{x+t} dt$	${}^2\bar{A}_{x:\overline{n} }^1$
n-year pure endowment	$A_{x:\overline{n} }^1$	$v^n {}_n P_x$	${}^2A_{x:\overline{n} }^1$
n-year endowment	$\bar{A}_{x:\overline{n} }$	$\bar{A}_{x:\overline{n} }^1 + A_{x:\overline{n} }^1$	${}^2\bar{A}_{x:\overline{n} }$
n-year deferred whole life	${}_n \bar{A}_x$	$\int_n^{\infty} v^t {}_tP_x \mu_{x+t} dt$	${}_n {}^2\bar{A}_x$