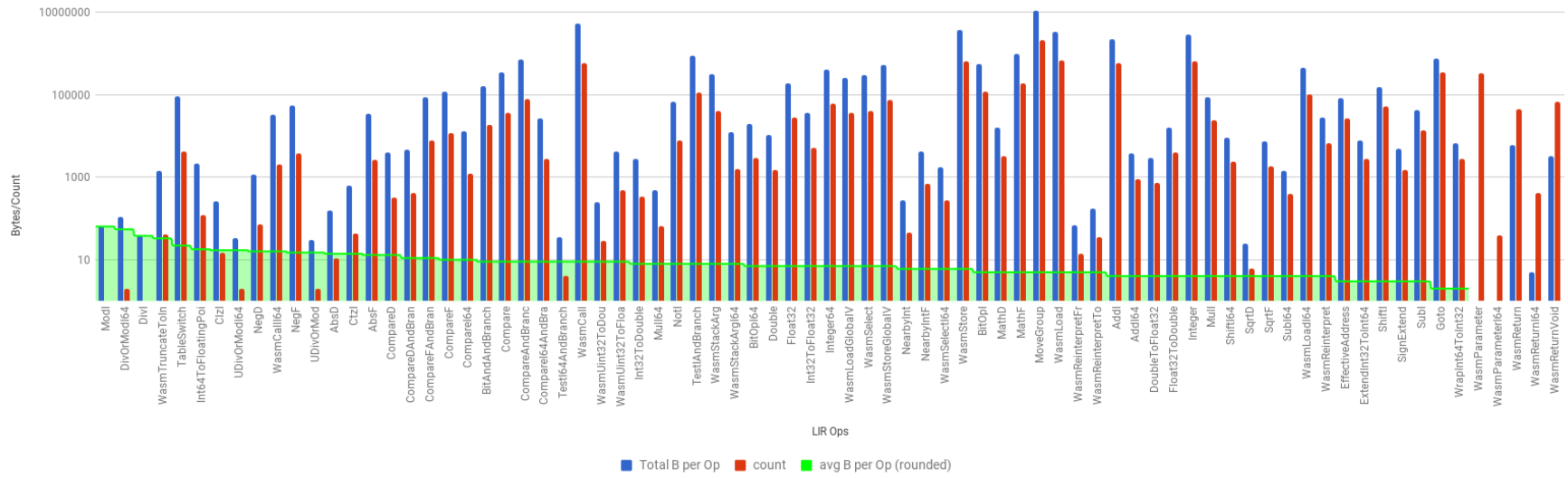


WASM OpStats (LIR) - Ion

Epic ZenGarden



Op	Total B per Op	minBytes	maxBytes	count	% B per Op over Grand Total	avg B per Op (rounded)
Modl	64	NA	NA	1	0.000114%	64
DivOrModl64	109	53	53	2	0.000193%	55
Divl	38	NA	NA	1	0.000067%	38
WasmTruncateToInt64	1404	15	75	42	0.002490%	33
TableSwitch	92661	18	27	4157	0.164329%	22
Int64ToFloatingPoint	2145	8	48	119	0.003804%	18
Clzl	256	17	18	15	0.000454%	17
UDivOrModl64	34	17	17	2	0.000060%	17
NegD	1136	16	16	71	0.002015%	16
WasmCalll64	33513	5	67	2039	0.059434%	16
NegF	55770	15	15	3718	0.098905%	15
UDivOrMod	30	15	15	2	0.000053%	15
AbsD	154	14	14	11	0.000273%	14
Ctzl	633	14	16	44	0.001123%	14
AbsF	35204	13	13	2708	0.062432%	13
CompareD	4080	10	23	318	0.007236%	13
CompareDAndBranch	4692	6	21	420	0.008321%	11
CompareFAndBranch	85474	5	20	7928	0.151584%	11
CompareF	118837	9	24	11855	0.210751%	10
Comparel64	13102	9	21	1250	0.023236%	10
BitAndAndBranch	163780	4	17	18593	0.290455%	9
Compare	349856	8	16	36857	0.620451%	9
CompareAndBranch	701208	4	18	79198	1.243555%	9
Comparel64AndBranch	26816	5	19	2835	0.047557%	9
Testl64AndBranch	36	9	9	4	0.000064%	9
WasmCall	5335085	5	69	578117	9.461488%	9
WasmUint32ToDouble	252	9	9	28	0.000447%	9
WasmUint32ToFloat32	4255	9	10	472	0.007546%	9

Int32ToDouble	2745	8	10	341	0.004868%	8
Mull64	495	3	14	64	0.000878%	8
NotI	66130	8	11	7935	0.117278%	8
TestIAndBranch	880457	4	14	109852	1.561443%	8
WasmStackArg	309670	4	9	39909	0.549183%	8
WasmStackArgI64	12269	4	14	1544	0.021758%	8
BitOpl64	19354	3	13	2948	0.034323%	7
Double	10701	4	9	1496	0.018978%	7
Float32	187043	3	9	27838	0.331711%	7
Int32ToFloat32	36447	7	9	5167	0.064637%	7
Integer64	404274	5	10	61574	0.716958%	7
WasmLoadGlobalVar	259569	6	9	37091	0.460332%	7
WasmSelect	293553	5	19	40264	0.520601%	7
WasmStoreGlobalVar	519763	6	7	74299	0.921772%	7
NearbyInt	270	6	6	45	0.000479%	6
NearbyIntF	4135	6	7	689	0.007333%	6
WasmSelectI64	1769	6	11	279	0.003137%	6
WasmStore	3778276	4	12	646785	6.700570%	6
BitOpl	550502	2	8	119389	0.976286%	5
MathD	15910	4	10	3243	0.028216%	5
MathF	968142	4	10	185450	1.716948%	5
MoveGroup	11188436	2	285	2101023	19.842093%	5
WasmLoad	3305987	3	10	683742	5.862991%	5
WasmReinterpretFromI64	70	5	5	14	0.000124%	5
WasmReinterpretToI64	175	5	5	35	0.000310%	5
AddI	2222124	2	8	571144	3.940818%	4
AddI64	3791	3	13	908	0.006723%	4
DoubleToFloat32	2888	4	5	719	0.005122%	4
Float32ToDouble	16043	4	5	4005	0.028451%	4
Integer	2819144	2	6	650650	4.999601%	4

Mull	89108	2	9	23504	0.158028%	4
ShiftI64	9129	0	4	2332	0.016190%	4
SqrtD	24	4	4	6	0.000043%	4
SqrtF	7474	4	5	1812	0.013255%	4
SubI64	1421	3	13	390	0.002520%	4
WasmLoadI64	440324	4	8	103094	0.780891%	4
WasmReinterpret	28652	4	5	6712	0.050813%	4
EffectiveAddress	82284	3	8	26223	0.145926%	3
ExtendInt32ToInt64	7901	2	8	2716	0.014012%	3
ShiftI	156032	0	4	53378	0.276714%	3
SignExtend	4876	3	4	1527	0.008647%	3
SubI	41611	2	8	13963	0.073795%	3
Goto	757157	0	5	355958	1.342777%	2
WrapInt64ToInt32	6675	2	7	2721	0.011838%	2
WasmParameter	0	0	0	337635	0.000000%	0
WasmParameterI64	0	0	0	38	0.000000%	0
WasmReturn	5870	0	5	45362	0.010410%	0
WasmReturnI64	5	0	5	410	0.000009%	0
WasmReturnVoid	3265	0	5	67827	0.005790%	0

Total Bytes 36552564 64.824018%

OutOfLineTableSwitchE	1228875	8	65593	4157	2.179344%	296
OutOfLineWasmTruncateCheckE	2057	40	65	42	0.003648%	49
ModOverflowCheckE	9	NA	NA	1	0.000016%	9

Total OOL Bytes 1230941 2.183008%

EmitTrapOOL	8756658	6	25776	111774	15.529465%	78
Epilogues	985915	6	13	111705	1.748468%	9

FinishCodegen	5122589	65535	5122589	2	9.084638%	2561295
Prologues	3738711	24	46	111522	6.630404%	34

Total Trap/Pro/Epi Bytes 18603873 32.992974%

Grand Total Bytes 56387378

PatchCallSites	58	58	58	2
AsmMergeWith	59284106	297	5116204	14103